

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061523\
 Data File : VY014181.D
 Acq On : 15 Jun 2023 11:57
 Operator : KP/MD
 Sample : VY0615SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0615SBS01

Quant Time: Jun 16 02:05:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060923S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 09 18:07:13 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.795	168	178251	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	276723	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	262521	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	146411	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	134336	54.120	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.240%	
35) Dibromofluoromethane	7.716	113	116545	59.387	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 118.780%	
50) Toluene-d8	10.179	98	402352	54.840	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 109.680%	
62) 4-Bromofluorobenzene	12.483	95	153897	59.049	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 118.100%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	50931	25.638	ug/l	97
3) Chloromethane	2.113	50	53582	21.272	ug/l	99
4) Vinyl Chloride	2.253	62	56141	22.924	ug/l	100
5) Bromomethane	2.637	94	43174	21.367	ug/l	97
6) Chloroethane	2.790	64	35414	21.281	ug/l	97
7) Trichlorofluoromethane	3.125	101	93818	23.581	ug/l	100
8) Diethyl Ether	3.528	74	29256	22.022	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.893	101	49269	24.537	ug/l	98
10) Methyl Iodide	4.088	142	48749	18.386	ug/l	96
11) Tert butyl alcohol	4.954	59	43761	143.565	ug/l #	88
12) 1,1-Dichloroethene	3.875	96	45470	22.342	ug/l	97
13) Acrolein	3.735	56	18635	150.066	ug/l	99
14) Allyl chloride	4.479	41	76771	20.810	ug/l	98
15) Acrylonitrile	5.168	53	77690	113.377	ug/l	99
16) Acetone	3.948	43	81898	109.459	ug/l	98
17) Carbon Disulfide	4.192	76	133734	20.278	ug/l	100
18) Methyl Acetate	4.479	43	63894	22.001	ug/l	99
19) Methyl tert-butyl Ether	5.222	73	131084	21.838	ug/l	98
20) Methylene Chloride	4.716	84	59165	22.820	ug/l	95
21) trans-1,2-Dichloroethene	5.222	96	48782	21.490	ug/l	99
22) Diisopropyl ether	6.125	45	160477	22.719	ug/l	95
23) Vinyl Acetate	6.064	43	458021	109.901	ug/l	99
24) 1,1-Dichloroethane	6.015	63	91343	22.429	ug/l	99
25) 2-Butanone	6.990	43	109072	118.427	ug/l	97
26) 2,2-Dichloropropane	6.984	77	89002	23.268	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	55741	21.951	ug/l	98
28) Bromochloromethane	7.338	49	38266	23.105	ug/l	95
29) Tetrahydrofuran	7.350	42	67105	114.902	ug/l	99
30) Chloroform	7.509	83	99174	22.954	ug/l	99
31) Cyclohexane	7.789	56	73200	22.014	ug/l	99
32) 1,1,1-Trichloroethane	7.704	97	91626	23.513	ug/l	99
36) 1,1-Dichloropropene	7.917	75	70084	22.907	ug/l	99
37) Ethyl Acetate	7.076	43	47355	22.432	ug/l	98
38) Carbon Tetrachloride	7.905	117	83222	23.572	ug/l	94
39) Methylcyclohexane	9.185	83	76461	22.525	ug/l	100
40) Benzene	8.161	78	208194	22.884	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	66412	61.643	ug/l #	30
42) 1,2-Dichloroethane	8.240	62	73086	22.717	ug/l	100
43) Isopropyl Acetate	8.277	43	83439	22.552	ug/l	99
44) Trichloroethene	8.941	130	55641	22.891	ug/l	99
45) 1,2-Dichloropropane	9.216	63	50910	22.031	ug/l	95
46) Dibromomethane	9.307	93	32114	22.577	ug/l	98
47) Bromodichloromethane	9.496	83	77333	23.219	ug/l	96
48) Methyl methacrylate	9.295	41	38024	22.034	ug/l	98
49) 1,4-Dioxane	9.295	88	8527	471.776	ug/l #	54
51) 4-Methyl-2-Pentanone	10.069	43	229531	114.187	ug/l	98
52) Toluene	10.246	92	131972	23.401	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	78452	22.376	ug/l	94
54) cis-1,3-Dichloropropene	9.929	75	85017	22.224	ug/l	97
55) 1,1,2-Trichloroethane	10.648	97	42641	22.601	ug/l	97
56) Ethyl methacrylate	10.508	69	56861	21.850	ug/l	99
57) 1,3-Dichloropropane	10.788	76	73254	22.702	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.783	63	80014	89.552	ug/l	96
59) 2-Hexanone	10.831	43	165765	114.177	ug/l	98
60) Dibromochloromethane	10.984	129	56623	23.449	ug/l	99
61) 1,2-Dibromoethane	11.087	107	41957	22.533	ug/l	100
64) Tetrachloroethene	10.721	164	51264	22.910	ug/l	97
65) Chlorobenzene	11.514	112	141354	22.409	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	56459	22.756	ug/l	100
67) Ethyl Benzene	11.593	91	251833	22.808	ug/l	99
68) m/p-Xylenes	11.703	106	195945	46.137	ug/l	96
69) o-Xylene	12.032	106	92277	22.982	ug/l	98
70) Styrene	12.044	104	157933	23.046	ug/l	99
71) Bromoform	12.209	173	38836	22.856	ug/l #	99
73) Isopropylbenzene	12.331	105	242289	21.693	ug/l	100
74) N-amyl acetate	12.142	43	72331	20.436	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.581	83	52451	21.016	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	73182	38.098	ug/l #	100
77) Bromobenzene	12.611	156	62887	21.422	ug/l	96
78) n-propylbenzene	12.672	91	299237	21.935	ug/l	99
79) 2-Chlorotoluene	12.758	91	169861	21.639	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	208865	21.840	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	18379	20.682	ug/l	97
82) 4-Chlorotoluene	12.855	91	180807	21.736	ug/l	100
83) tert-Butylbenzene	13.075	119	177628	21.856	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	211080	22.297	ug/l	100
85) sec-Butylbenzene	13.251	105	263937	22.338	ug/l	100
86) p-Isopropyltoluene	13.367	119	224285	22.179	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	123881	22.102	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	126486	22.398	ug/l	99
89) n-Butylbenzene	13.696	91	206393	22.005	ug/l	99
90) Hexachloroethane	13.959	117	44602	22.135	ug/l	95
91) 1,2-Dichlorobenzene	13.739	146	112012	22.251	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	9933	20.900	ug/l	97
93) 1,2,4-Trichlorobenzene	15.007	180	70627	22.147	ug/l	99
94) Hexachlorobutadiene	15.111	225	42636	23.158	ug/l	98
95) Naphthalene	15.239	128	135906	20.996	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	63620	22.078	ug/l	99

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QLast Update : Fri Jun 09 18:07:13 2023
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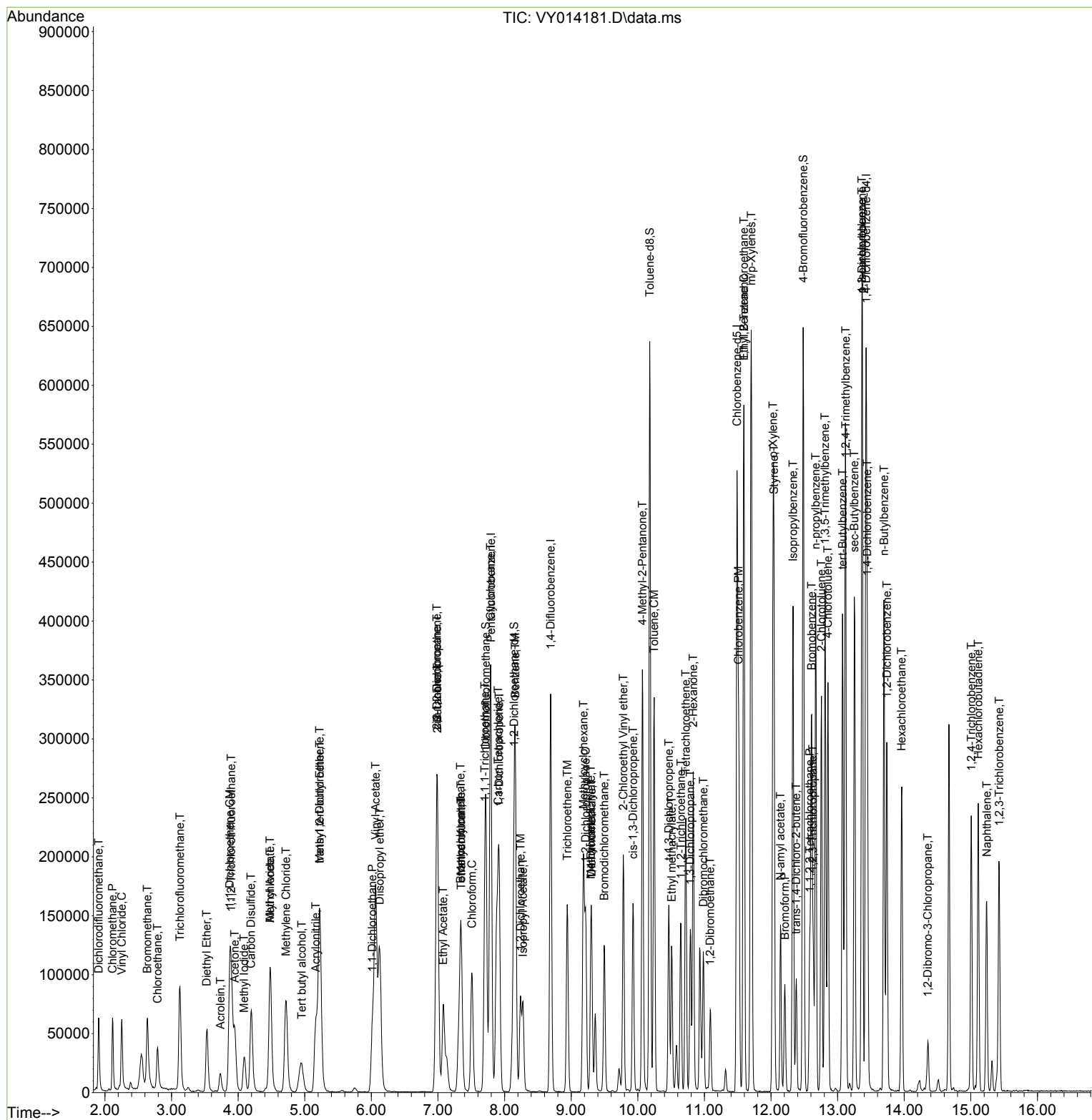
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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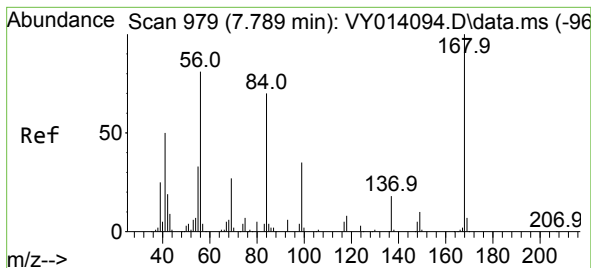
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.795 min Scan# 9

Delta R.T. 0.006 min

Lab File: VY014181.D

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Instrument :

MSVOA_Y

ClientSampleId :

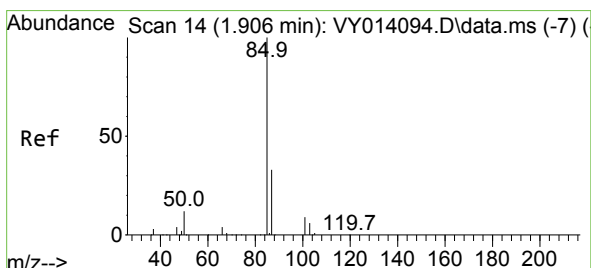
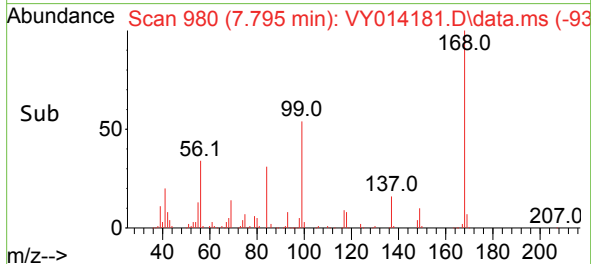
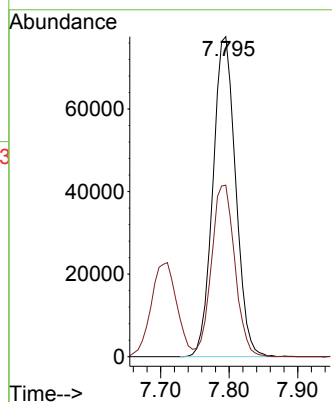
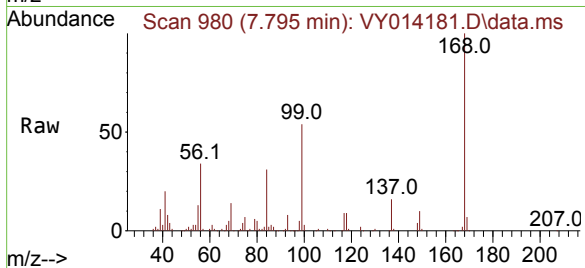
VY0615SBS01

Tgt Ion:168 Resp: 178251

Ion Ratio Lower Upper

168 100

99 53.5 43.4 65.0



#2

Dichlorodifluoromethane

Concen: 25.638 ug/l

RT: 1.906 min Scan# 14

Delta R.T. -0.000 min

Lab File: VY014181.D

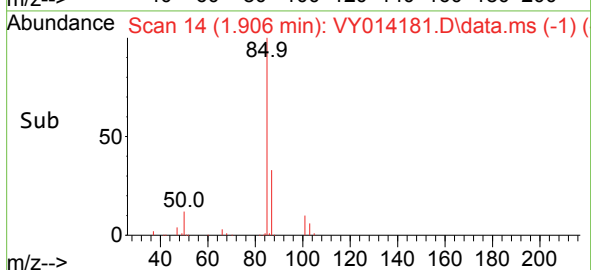
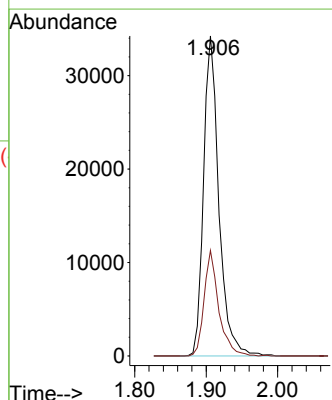
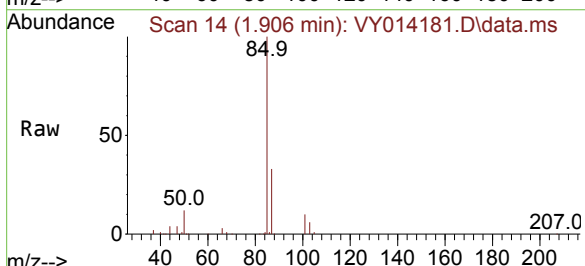
Acq: 15 Jun 2023 11:57

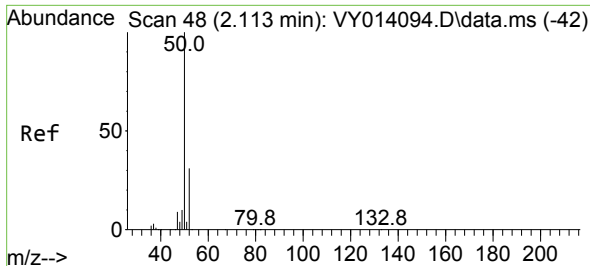
Tgt Ion: 85 Resp: 50931

Ion Ratio Lower Upper

85 100

87 33.0 15.6 46.8

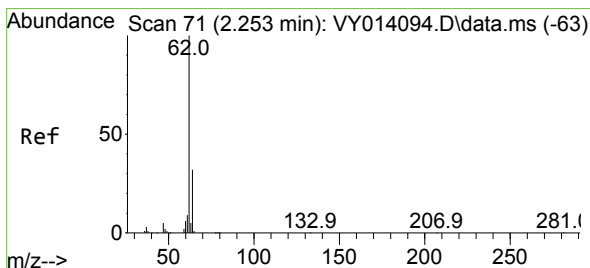
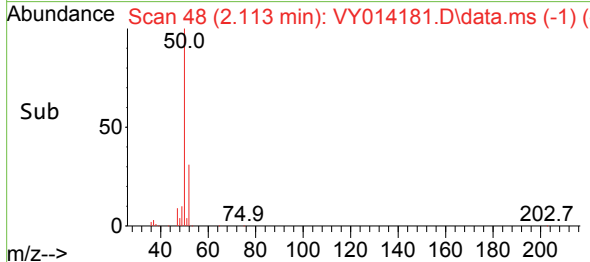
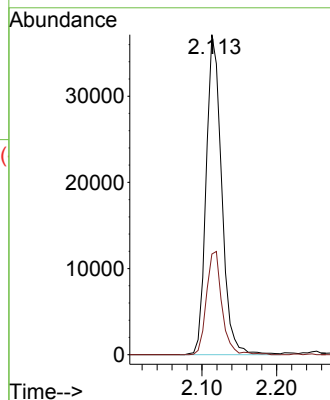
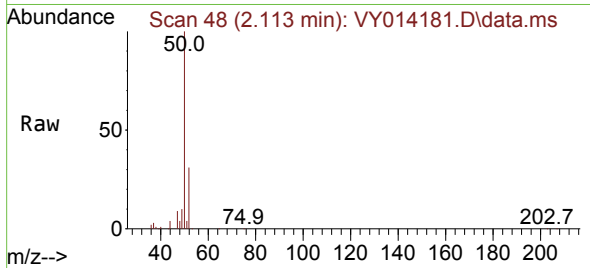




#3
Chloromethane
Concen: 21.272 ug/l
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY014181.D
Acq: 15 Jun 2023 11:57

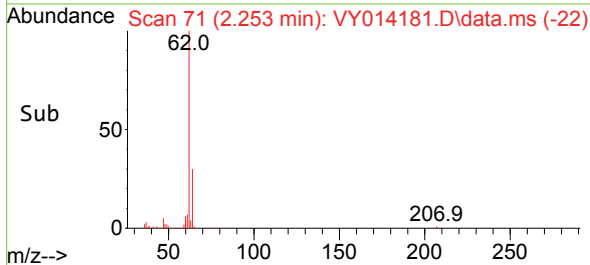
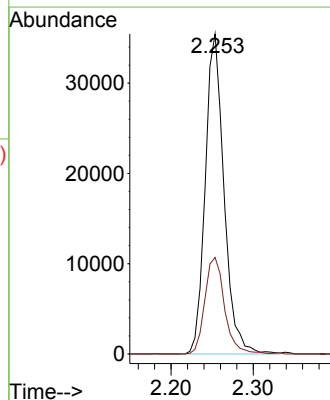
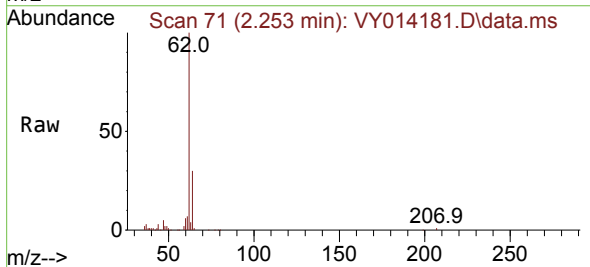
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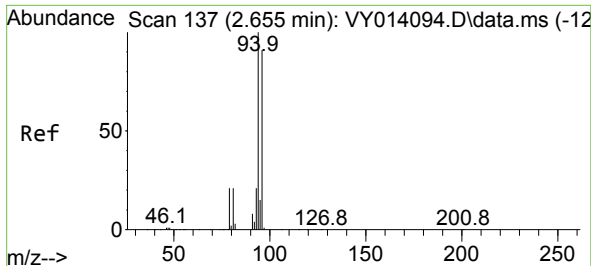
Tgt Ion: 50 Resp: 53582
Ion Ratio Lower Upper
50 100
52 31.4 25.4 38.2



#4
Vinyl Chloride
Concen: 22.924 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY014181.D
Acq: 15 Jun 2023 11:57

Tgt Ion: 62 Resp: 56141
Ion Ratio Lower Upper
62 100
64 30.2 24.3 36.5

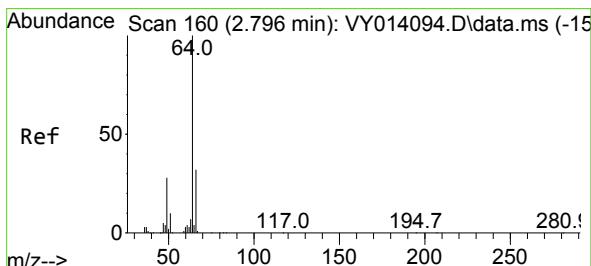
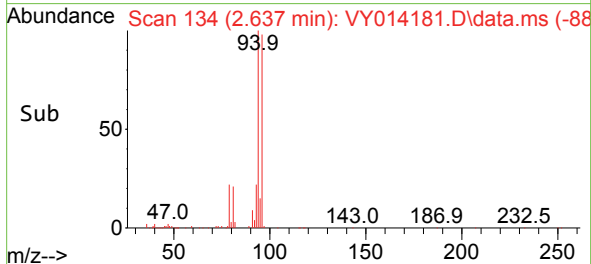
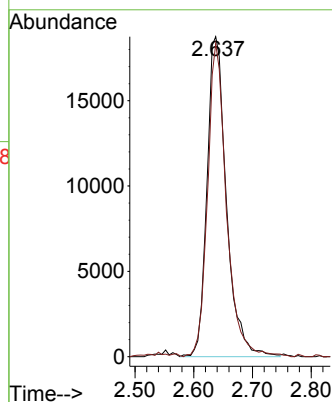
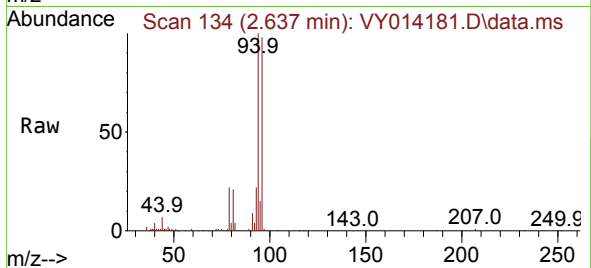




#5
Bromomethane
Concen: 21.367 ug/l
RT: 2.637 min Scan# 11
Delta R.T. -0.018 min
Lab File: VY014181.D
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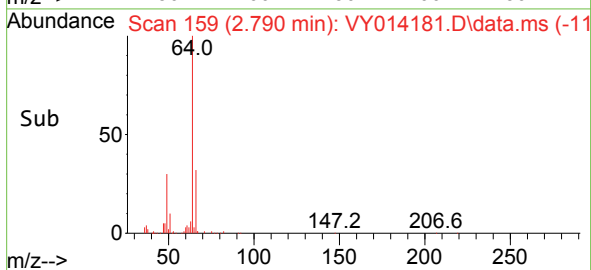
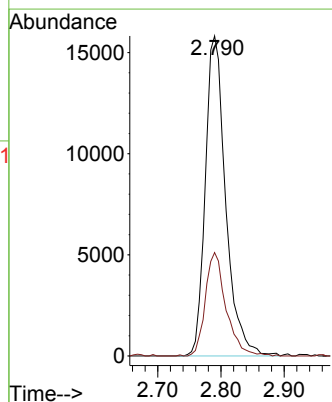
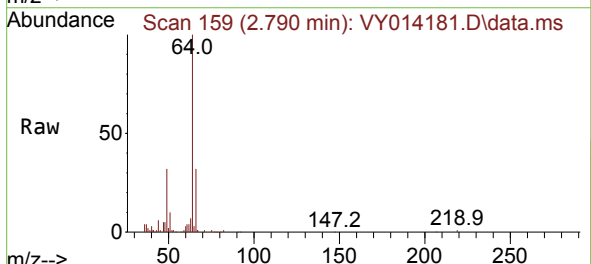
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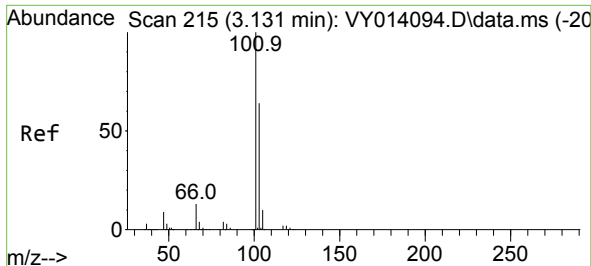
Tgt Ion: 94 Resp: 43174
Ion Ratio Lower Upper
94 100
96 97.5 75.8 113.6



#6
Chloroethane
Concen: 21.281 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.006 min
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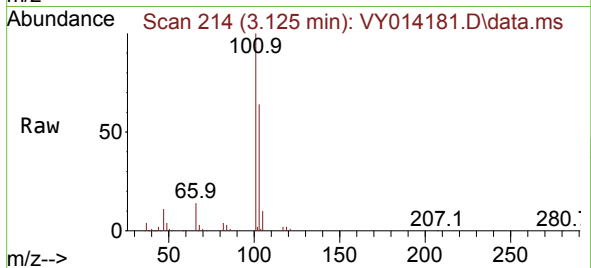
Tgt Ion: 64 Resp: 35414
Ion Ratio Lower Upper
64 100
66 32.3 24.4 36.6



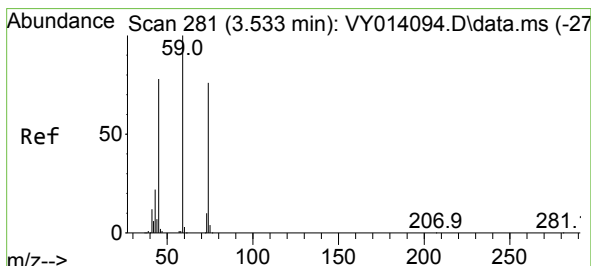
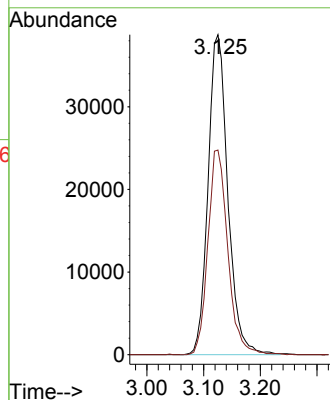
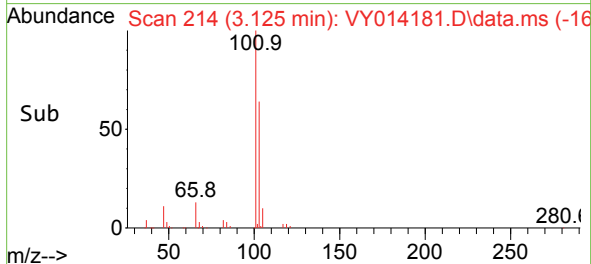


#7
Trichlorofluoromethane
Concen: 23.581 ug/l
RT: 3.125 min Scan# 215
Delta R.T. -0.006 min
Lab File: VY014181.D
Acq: 15 Jun 2023 11:57

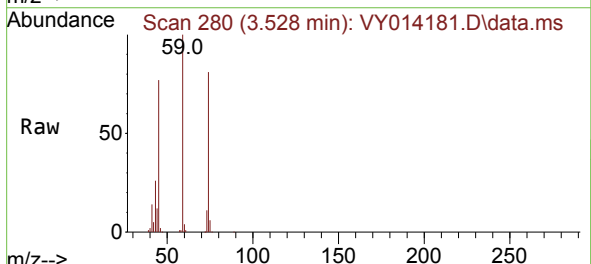
Instrument :
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ClientSampleId :
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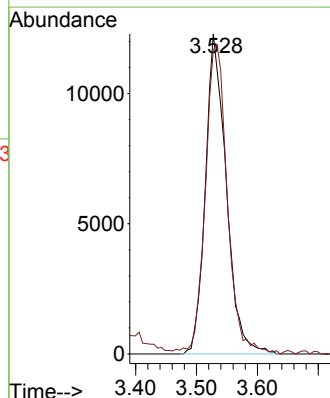
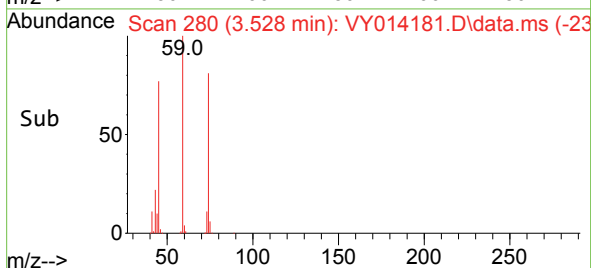
Tgt Ion:101 Resp: 93818
Ion Ratio Lower Upper
101 100
103 64.0 51.4 77.0

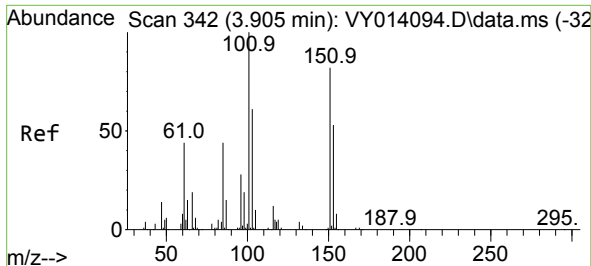


#8
Diethyl Ether
Concen: 22.022 ug/l
RT: 3.528 min Scan# 280
Delta R.T. -0.005 min
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Tgt Ion: 74 Resp: 29256
Ion Ratio Lower Upper
74 100
45 102.0 51.5 154.5

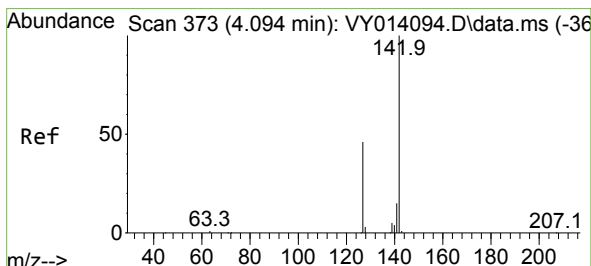
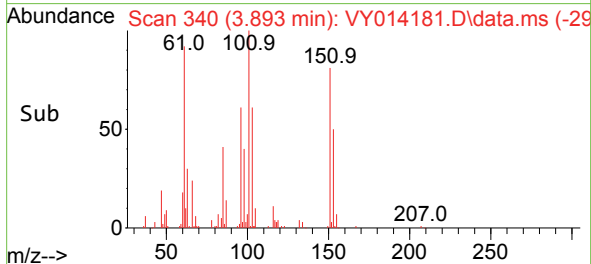
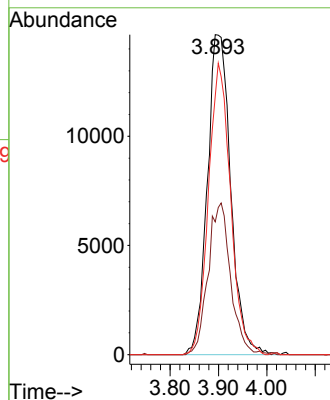
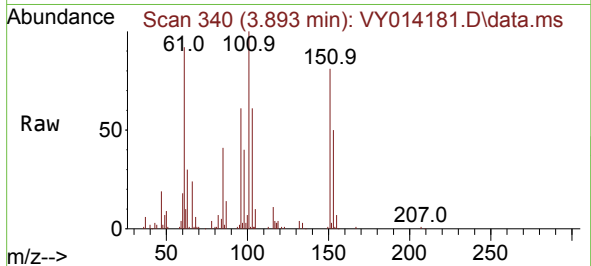




#9
1,1,2-Trichlorotrifluoroethane
Concen: 24.537 ug/l
RT: 3.893 min Scan# 34
Delta R.T. -0.012 min
Lab File: VY014181.D
Acq: 15 Jun 2023 11:57

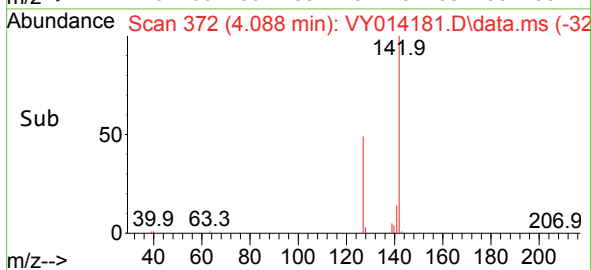
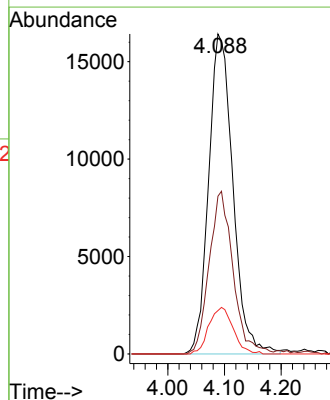
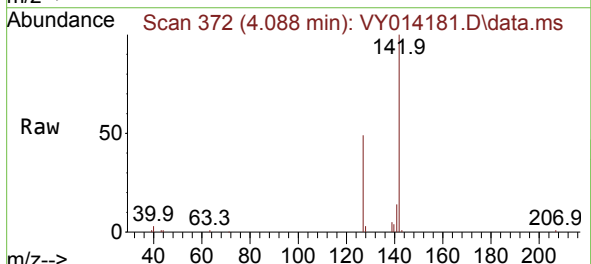
Instrument :
MSVOA_Y
ClientSampleId :
VY0615SBS01

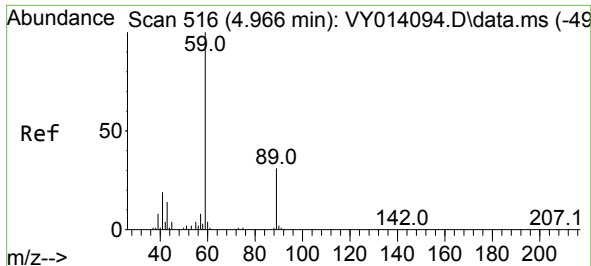
Tgt Ion:101 Resp: 49269
Ion Ratio Lower Upper
101 100
85 45.9 36.6 55.0
151 86.1 67.0 100.6



#10
Methyl Iodide
Concen: 18.386 ug/l
RT: 4.088 min Scan# 372
Delta R.T. -0.006 min
Lab File: VY014181.D
Acq: 15 Jun 2023 11:57

Tgt Ion:142 Resp: 48749
Ion Ratio Lower Upper
142 100
127 50.0 37.6 56.4
141 14.6 11.8 17.8

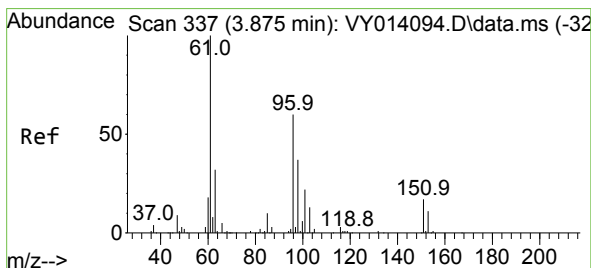
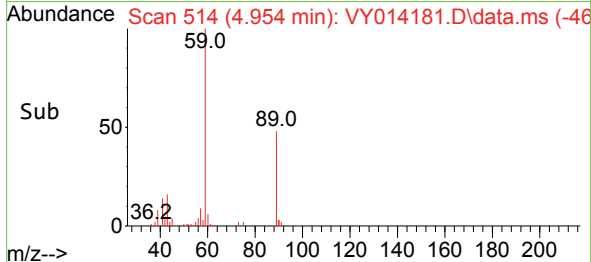
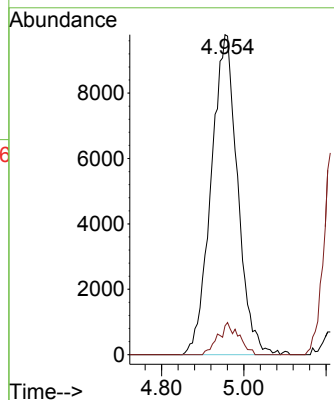
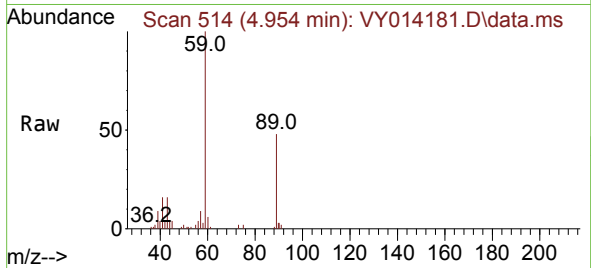




#11
Tert butyl alcohol
Concen: 143.565 ug/l
RT: 4.954 min Scan# 516
Delta R.T. -0.012 min
Lab File: VY014181.D
Acq: 15 Jun 2023 11:57

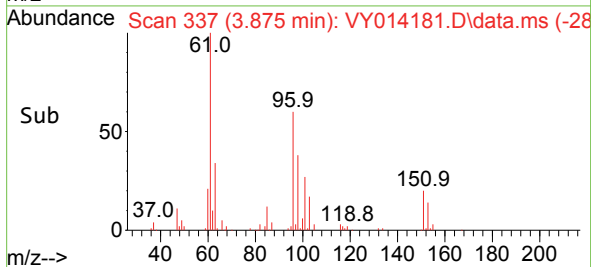
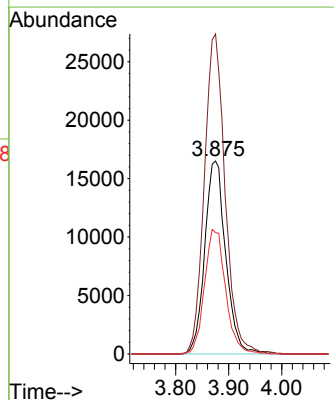
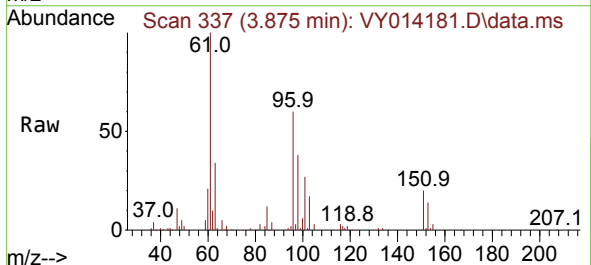
Instrument :
MSVOA_Y
ClientSampleId :
VY0615SBS01

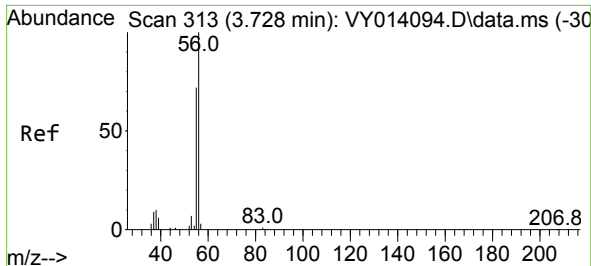
Tgt Ion: 59 Resp: 43761
Ion Ratio Lower Upper
59 100
57 7.8 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 22.342 ug/l
RT: 3.875 min Scan# 337
Delta R.T. 0.000 min
Lab File: VY014181.D
Acq: 15 Jun 2023 11:57

Tgt Ion: 96 Resp: 45470
Ion Ratio Lower Upper
96 100
61 165.9 136.4 204.6
98 62.9 49.4 74.2

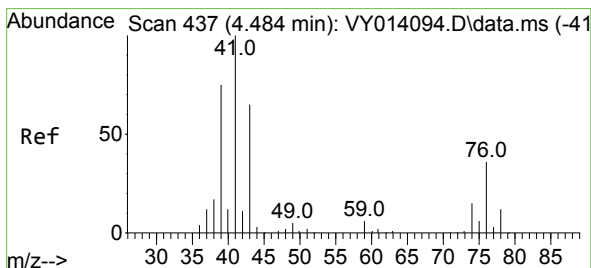
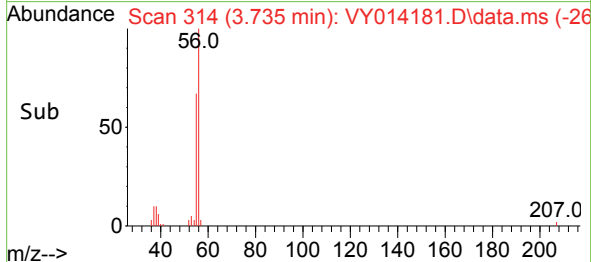
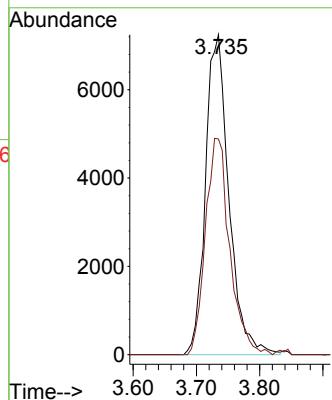
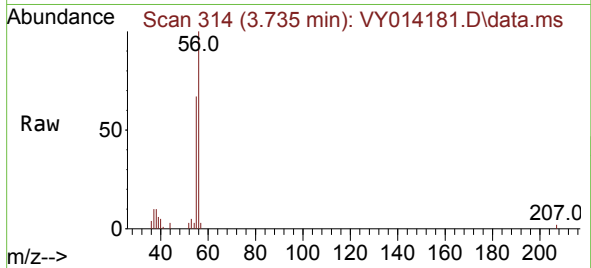




#13
Acrolein
Concen: 150.066 ug/l
RT: 3.735 min Scan# 313
Delta R.T. 0.007 min
Lab File: VY014181.D
Acq: 15 Jun 2023 11:57

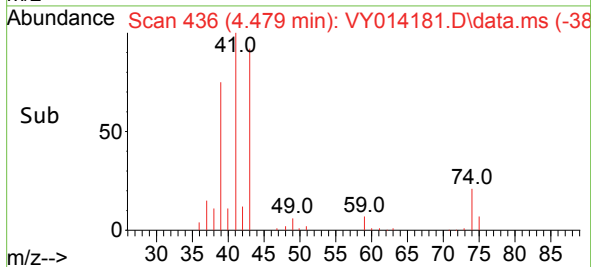
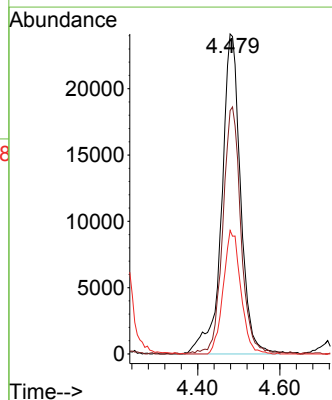
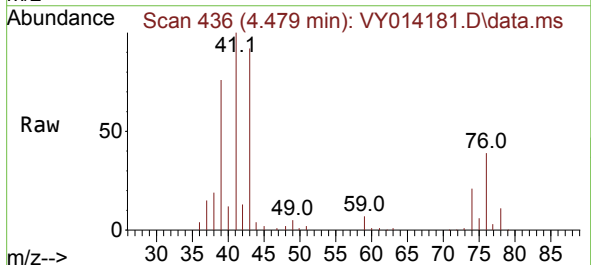
Instrument :
MSVOA_Y
ClientSampleId :
VY0615SBS01

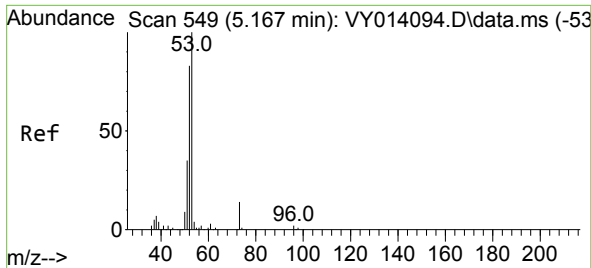
Tgt Ion: 56 Resp: 18635
Ion Ratio Lower Upper
56 100
55 70.1 57.0 85.4



#14
Allyl chloride
Concen: 20.810 ug/l
RT: 4.479 min Scan# 436
Delta R.T. -0.005 min
Lab File: VY014181.D
Acq: 15 Jun 2023 11:57

Tgt Ion: 41 Resp: 76771
Ion Ratio Lower Upper
41 100
39 74.1 58.0 87.0
76 35.9 27.4 41.2

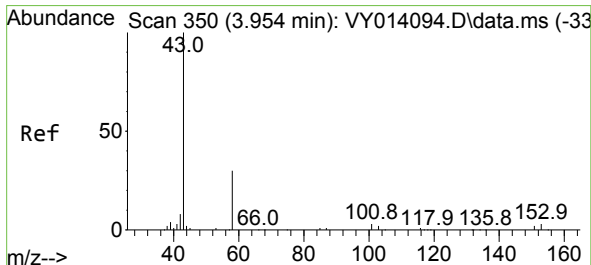
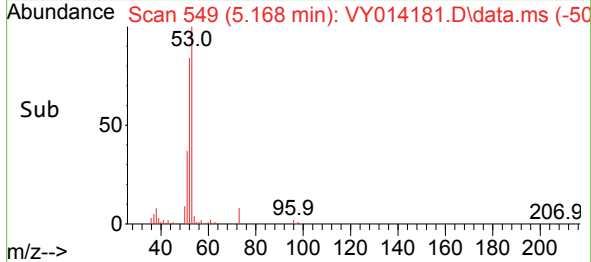
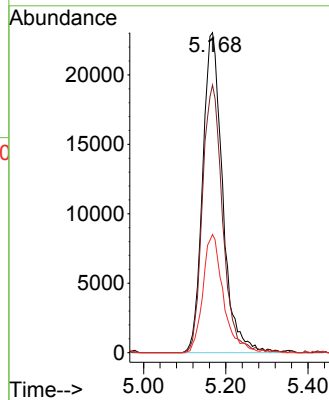
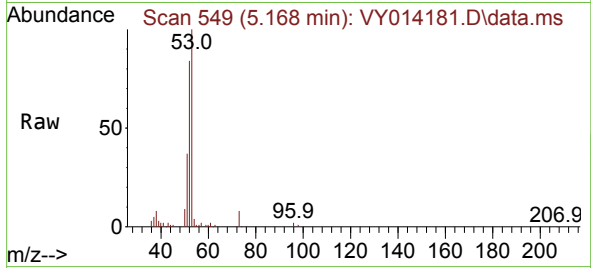




#15
Acrylonitrile
Concen: 113.377 ug/l
RT: 5.168 min Scan# 549
Delta R.T. 0.001 min
Lab File: VY014181.D
Acq: 15 Jun 2023 11:57

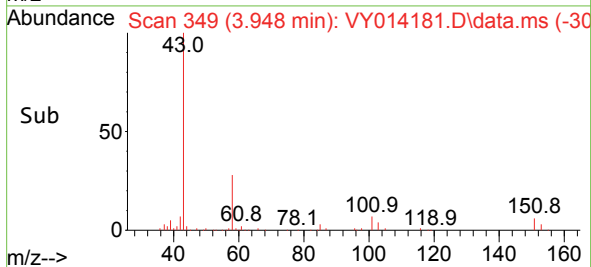
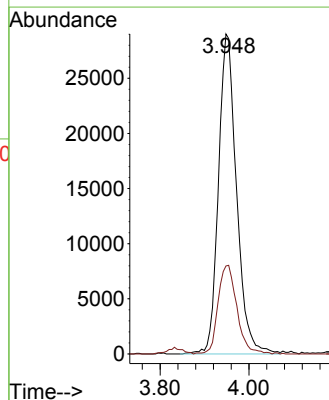
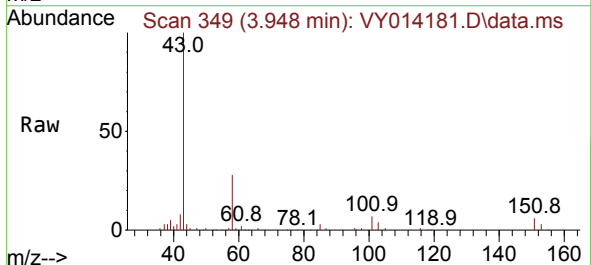
Instrument :
MSVOA_Y
ClientSampleId :
VY0615SBS01

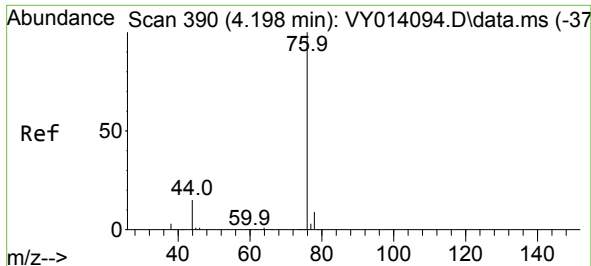
Tgt Ion: 53	Resp:	77690
Ion	Ratio	Lower Upper
53	100	
52	84.1	66.9 100.3
51	37.8	29.8 44.6



#16
Acetone
Concen: 109.459 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.006 min
Lab File: VY014181.D
Acq: 15 Jun 2023 11:57

Tgt Ion: 43	Resp:	81898
Ion	Ratio	Lower Upper
43	100	
58	27.5	22.7 34.1

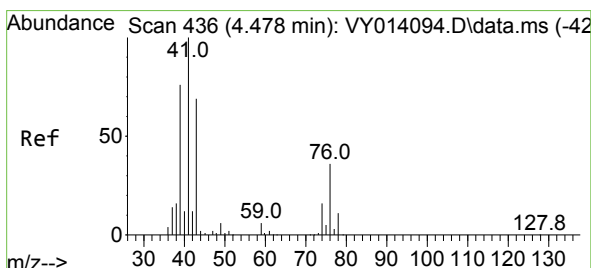
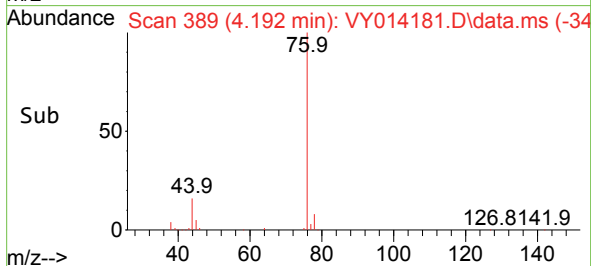
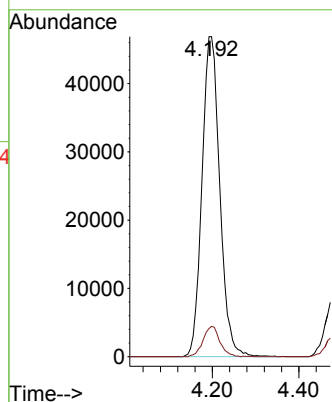
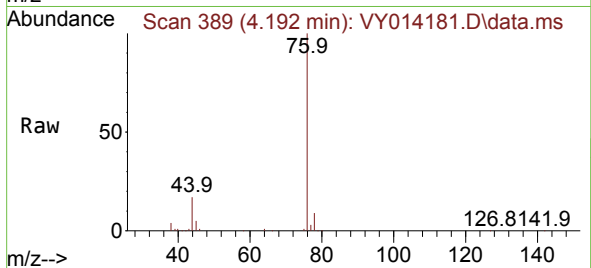




#17
Carbon Disulfide
Concen: 20.278 ug/l
RT: 4.192 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY014181.D
Acq: 15 Jun 2023 11:57

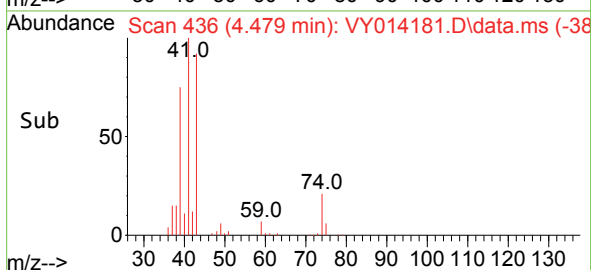
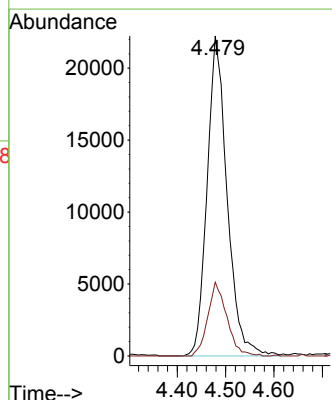
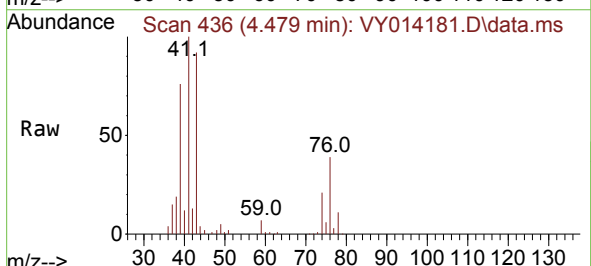
Instrument :
MSVOA_Y
ClientSampleId :
VY0615SBS01

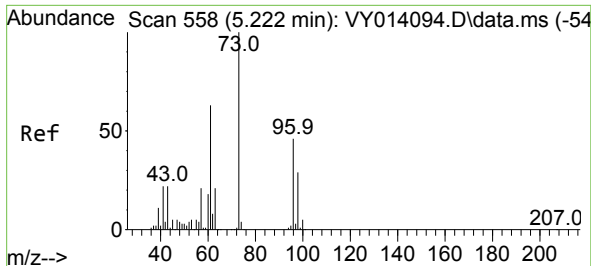
Tgt Ion: 76 Resp: 133734
Ion Ratio Lower Upper
76 100
78 8.8 7.0 10.4



#18
Methyl Acetate
Concen: 22.001 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.001 min
Lab File: VY014181.D
Acq: 15 Jun 2023 11:57

Tgt Ion: 43 Resp: 63894
Ion Ratio Lower Upper
43 100
74 21.9 17.4 26.0

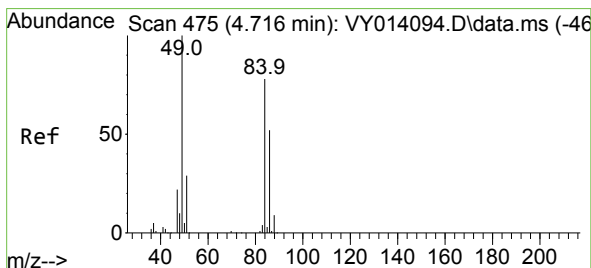
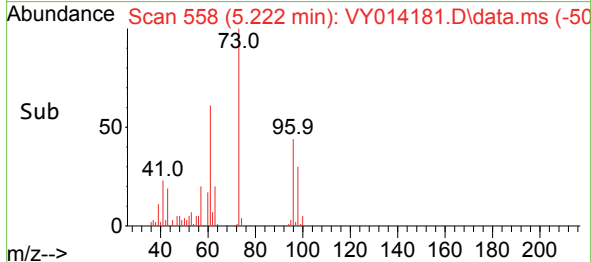
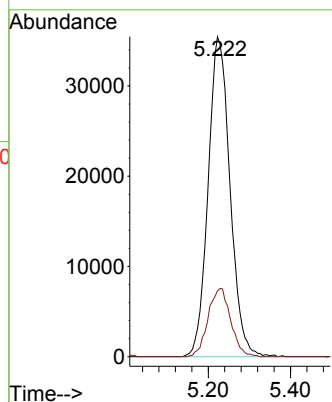
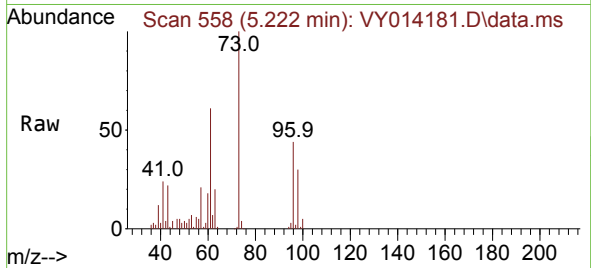




#19
Methyl tert-butyl Ether
Concen: 21.838 ug/l
RT: 5.222 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY014181.D
Acq: 15 Jun 2023 11:57

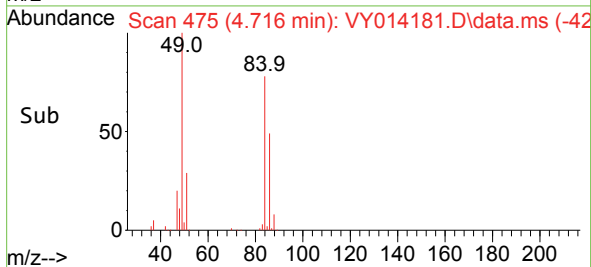
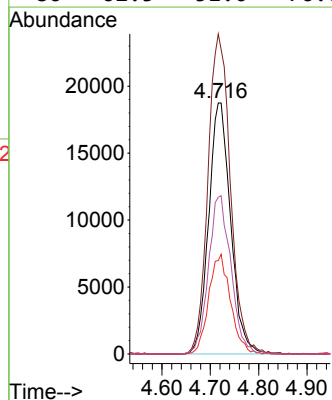
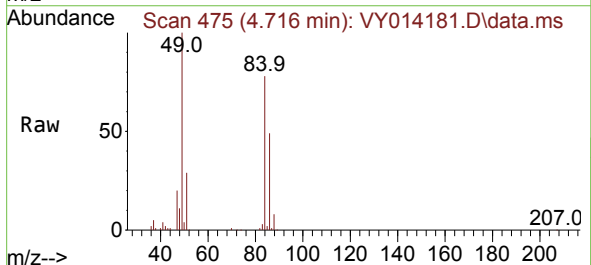
Instrument :
MSVOA_Y
ClientSampleId :
VY0615SBS01

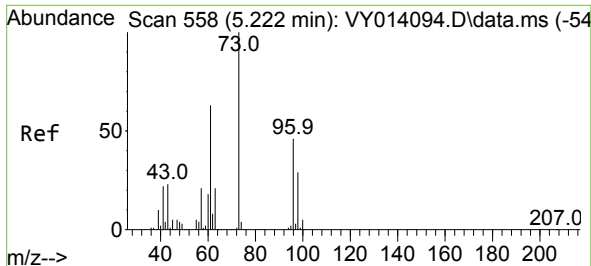
Tgt Ion: 73 Resp: 131084
Ion Ratio Lower Upper
73 100
57 20.6 17.3 25.9



#20
Methylene Chloride
Concen: 22.820 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY014181.D
Acq: 15 Jun 2023 11:57

Tgt Ion: 84 Resp: 59165
Ion Ratio Lower Upper
84 100
49 127.5 106.9 160.3
51 37.2 33.2 49.8
86 62.5 51.0 76.6

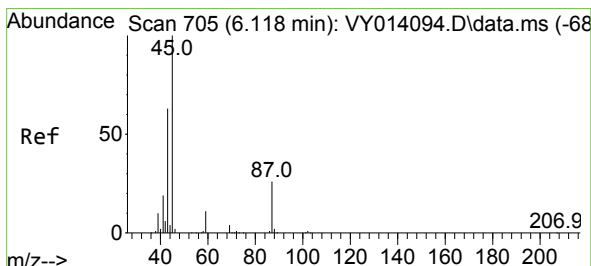
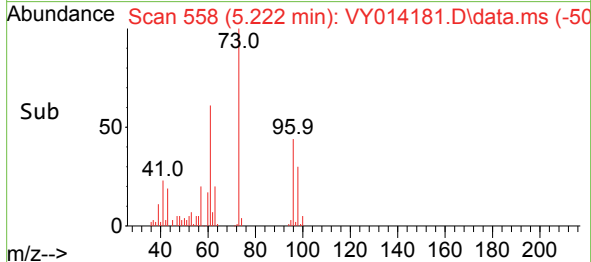
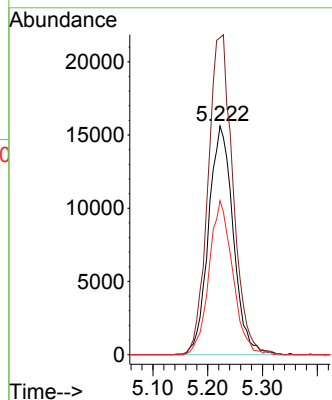
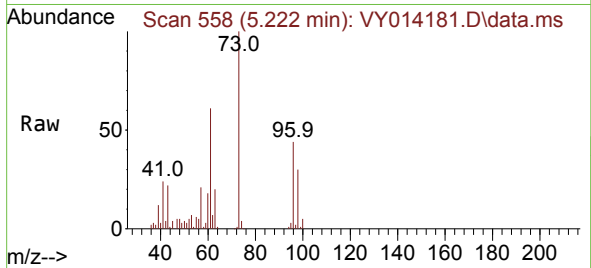




#21
trans-1,2-Dichloroethene
Concen: 21.490 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY014181.D
Acq: 15 Jun 2023 11:57

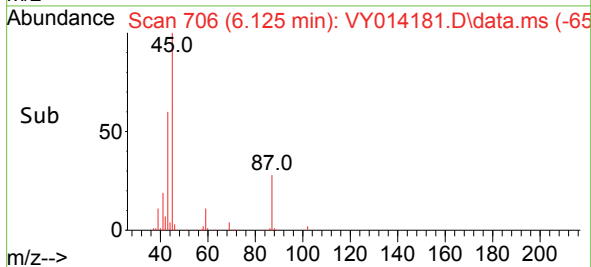
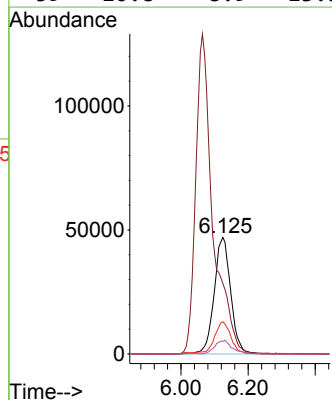
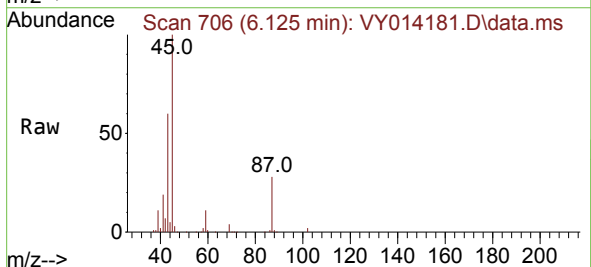
Instrument :
MSVOA_Y
ClientSampleId :
VY0615SBS01

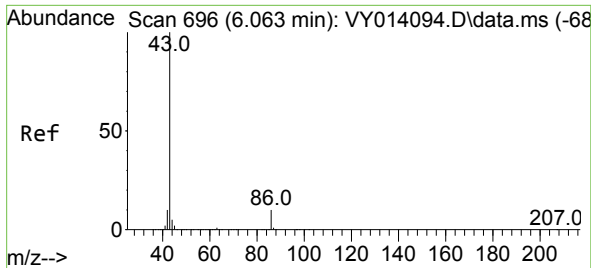
Tgt Ion: 96 Resp: 48782
Ion Ratio Lower Upper
96 100
61 138.3 110.2 165.4
98 67.3 51.8 77.6



#22
Diisopropyl ether
Concen: 22.719 ug/l
RT: 6.125 min Scan# 706
Delta R.T. 0.007 min
Lab File: VY014181.D
Acq: 15 Jun 2023 11:57

Tgt Ion: 45 Resp: 160477
Ion Ratio Lower Upper
45 100
43 60.2 52.2 78.4
87 27.6 21.0 31.6
59 10.8 8.9 13.3

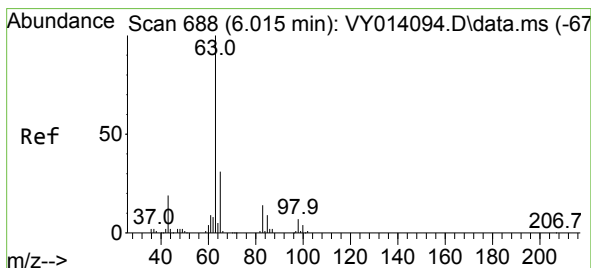
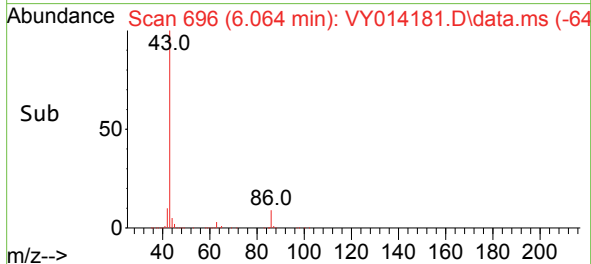
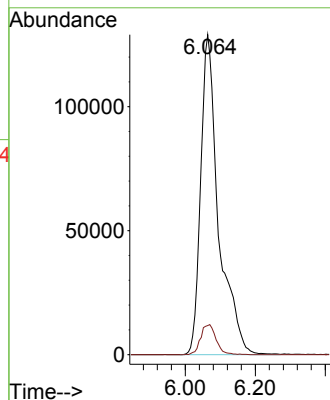
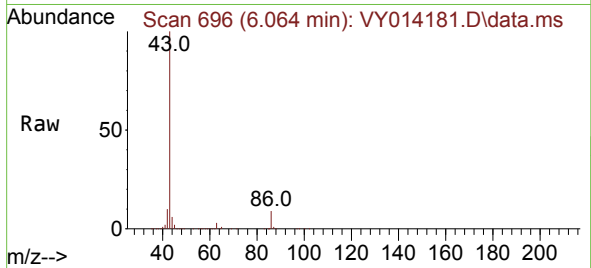




#23
 Vinyl Acetate
 Concen: 109.901 ug/l
 RT: 6.064 min Scan# 696
 Delta R.T. 0.001 min
 Lab File: VY014181.D
 Acq: 15 Jun 2023 11:57

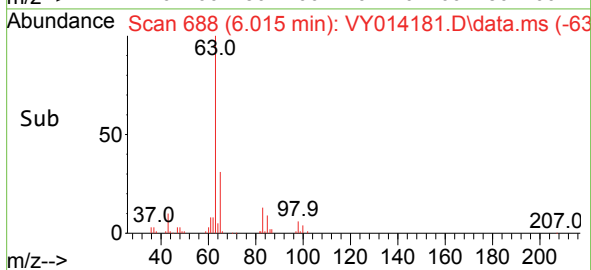
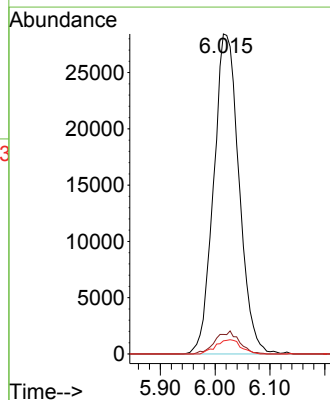
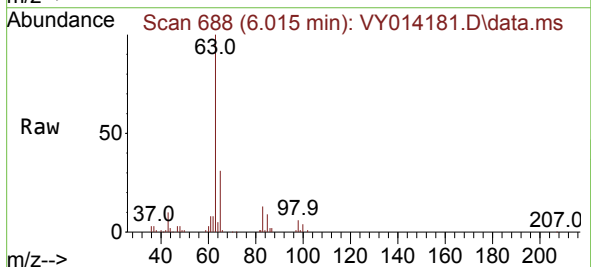
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0615SBSD01

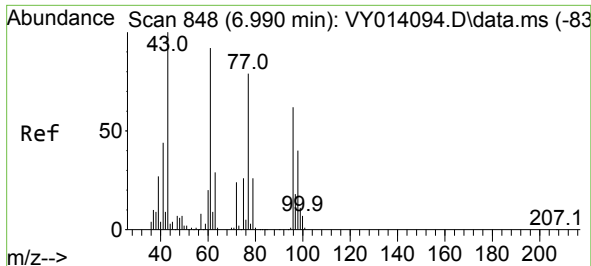
Tgt Ion: 43 Resp: 458021
 Ion Ratio Lower Upper
 43 100
 86 9.1 7.5 11.3



#24
 1,1-Dichloroethane
 Concen: 22.429 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY014181.D
 Acq: 15 Jun 2023 11:57

Tgt Ion: 63 Resp: 91343
 Ion Ratio Lower Upper
 63 100
 98 6.1 3.1 9.4
 100 4.1 1.8 5.5





#25

2-Butanone

Concen: 118.427 ug/l

RT: 6.990 min Scan# 848

Delta R.T. 0.000 min

Lab File: VY014181.D

Acq: 15 Jun 2023 11:57

Instrument :

MSVOA_Y

ClientSampleId :

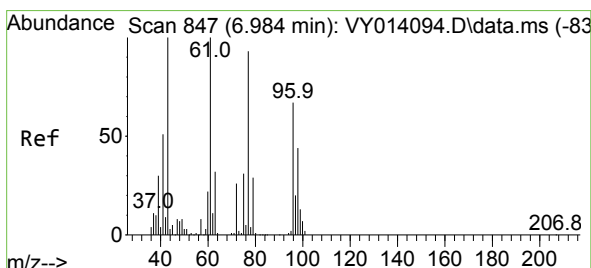
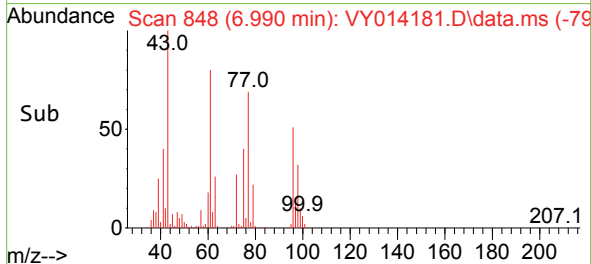
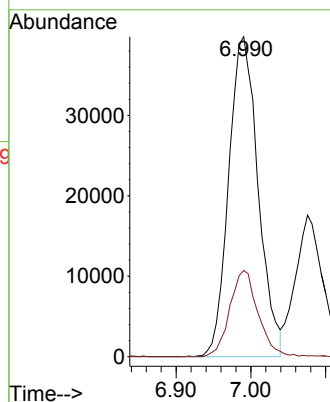
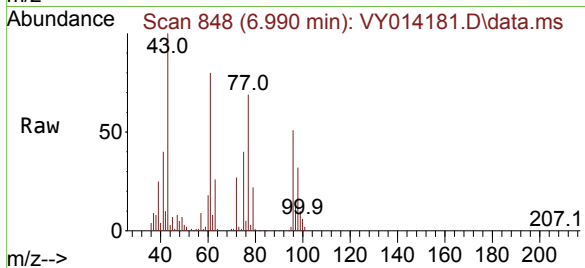
VY0615SBS01

Tgt Ion: 43 Resp: 109072

Ion Ratio Lower Upper

43 100

72 26.9 20.5 30.7



#26

2,2-Dichloropropane

Concen: 23.268 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY014181.D

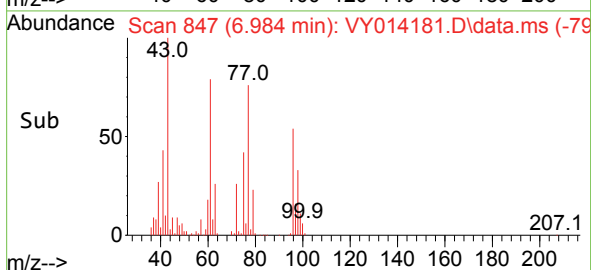
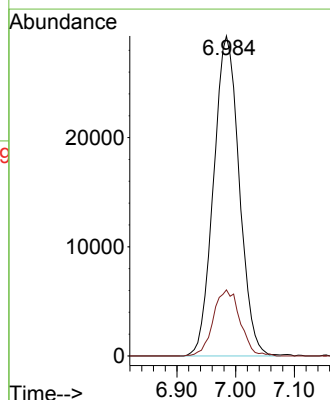
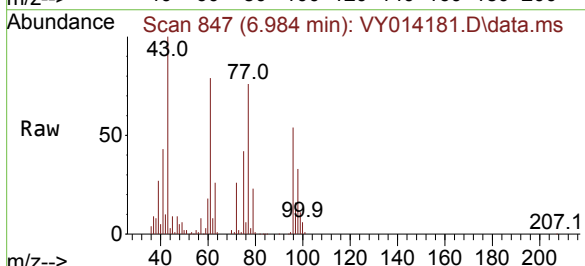
Acq: 15 Jun 2023 11:57

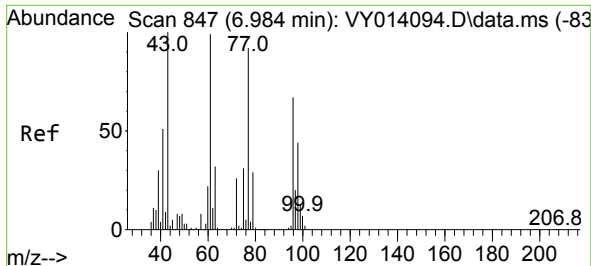
Tgt Ion: 77 Resp: 89002

Ion Ratio Lower Upper

77 100

97 21.6 10.9 32.9



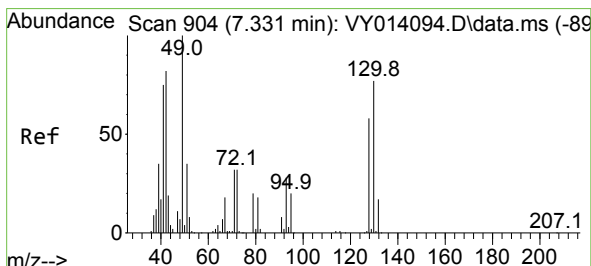
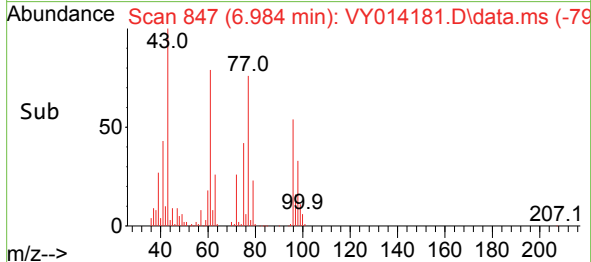
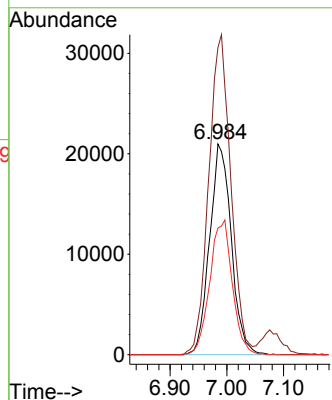
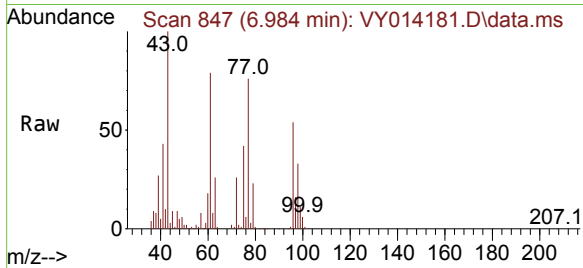


#27
 cis-1,2-Dichloroethene
 Concen: 21.951 ug/l
 RT: 6.984 min Scan# 847
 Delta R.T. 0.000 min
 Lab File: VY014181.D
 Acq: 15 Jun 2023 11:57

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0615SBS01

Tgt Ion: 96 Resp: 55741

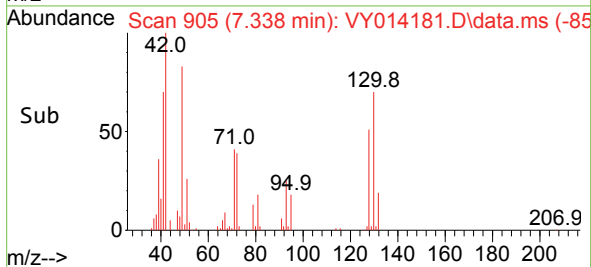
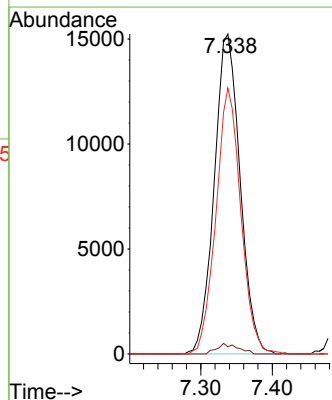
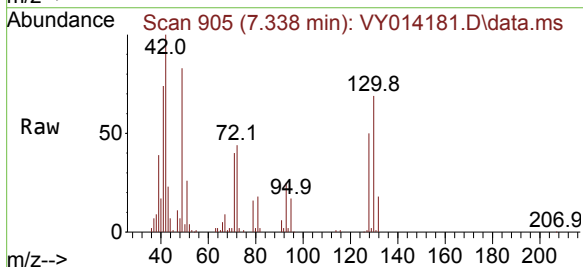
Ion	Ratio	Lower	Upper
96	100		
61	154.3	0.0	301.4
98	66.4	0.0	130.4

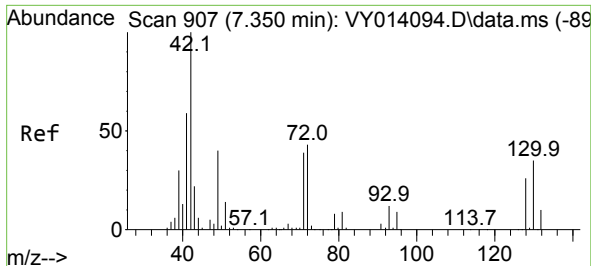


#28
 Bromochloromethane
 Concen: 23.105 ug/l
 RT: 7.338 min Scan# 905
 Delta R.T. 0.007 min
 Lab File: VY014181.D
 Acq: 15 Jun 2023 11:57

Tgt Ion: 49 Resp: 38266

Ion	Ratio	Lower	Upper
49	100		
129	2.7	0.0	4.6
130	80.0	60.7	91.1





#29

Tetrahydrofuran

Concen: 114.902 ug/l

RT: 7.350 min Scan# 907

Delta R.T. 0.000 min

Lab File: VY014181.D

Acq: 15 Jun 2023 11:57

Instrument :

MSVOA_Y

ClientSampleId :

VY0615SBS01

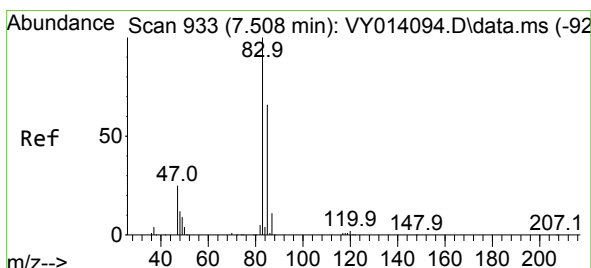
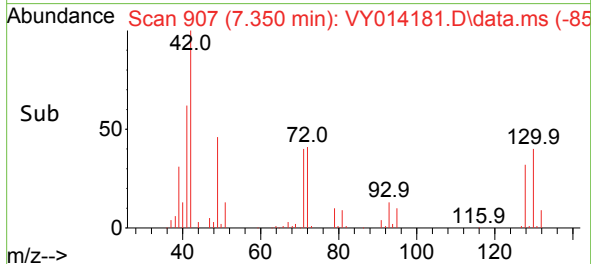
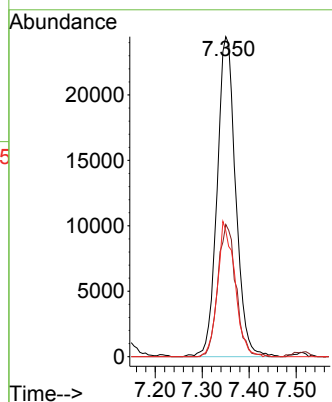
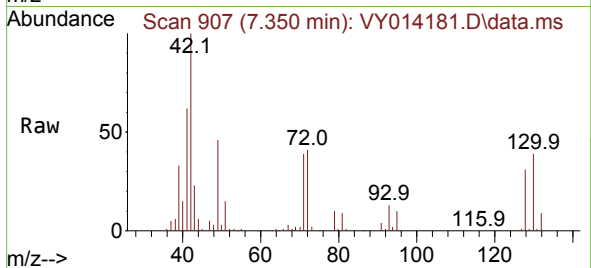
Tgt Ion: 42 Resp: 67105

Ion Ratio Lower Upper

42 100

72 40.5 32.8 49.2

71 39.6 31.0 46.4



#30

Chloroform

Concen: 22.954 ug/l

RT: 7.509 min Scan# 933

Delta R.T. 0.001 min

Lab File: VY014181.D

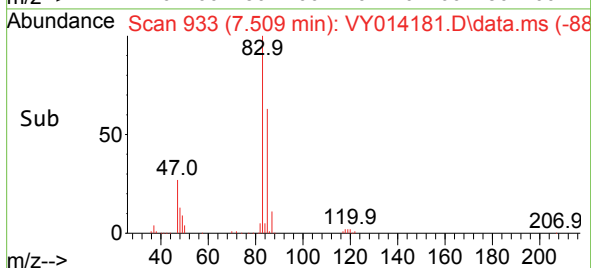
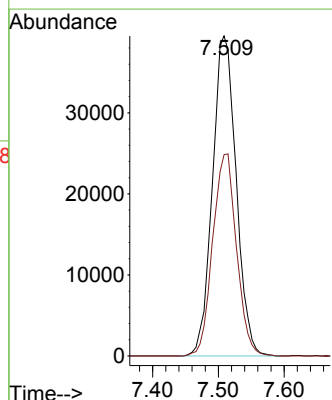
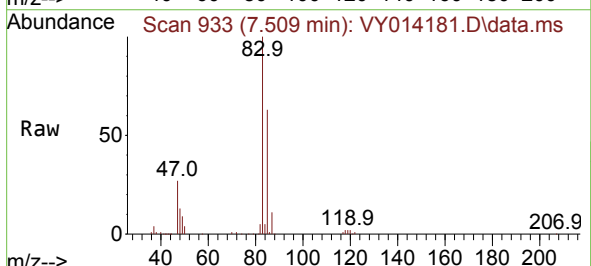
Acq: 15 Jun 2023 11:57

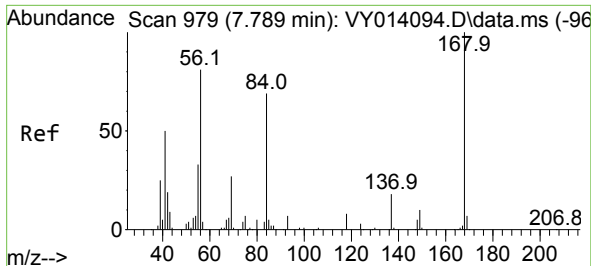
Tgt Ion: 83 Resp: 99174

Ion Ratio Lower Upper

83 100

85 62.9 49.7 74.5

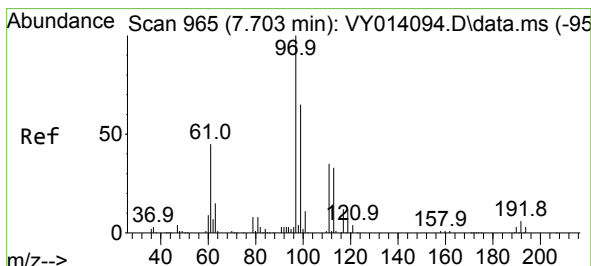
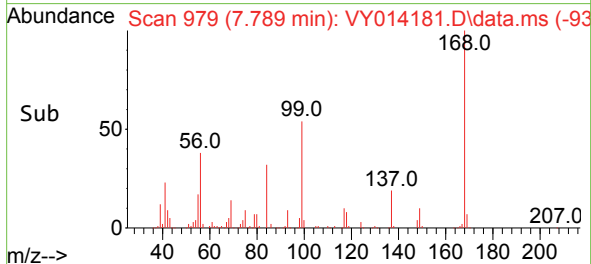
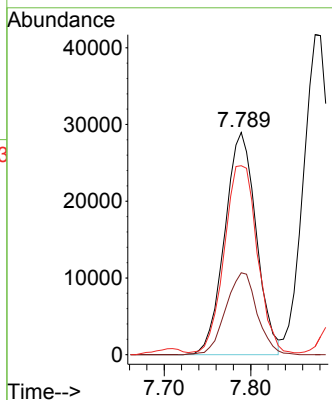
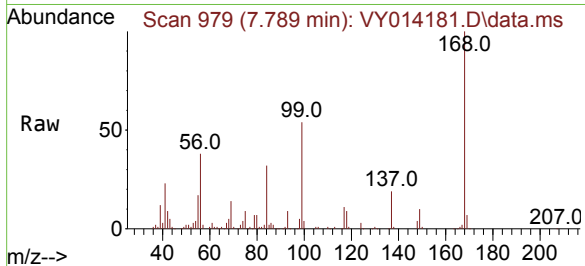




#31
Cyclohexane
Concen: 22.014 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014181.D
Acq: 15 Jun 2023 11:57

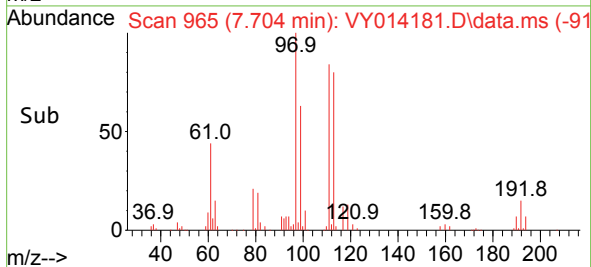
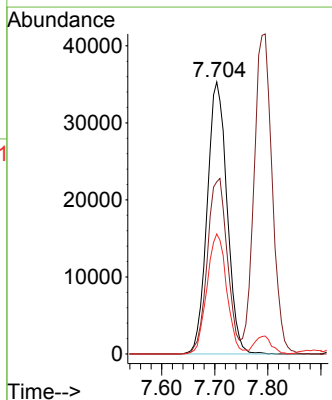
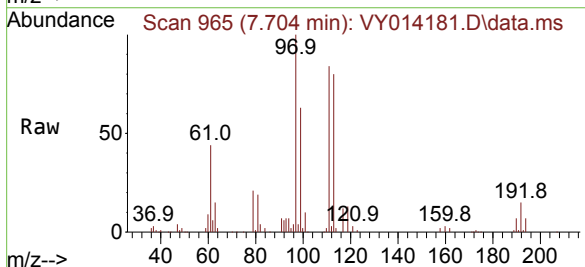
Instrument :
MSVOA_Y
ClientSampleId :
VY0615SBS01

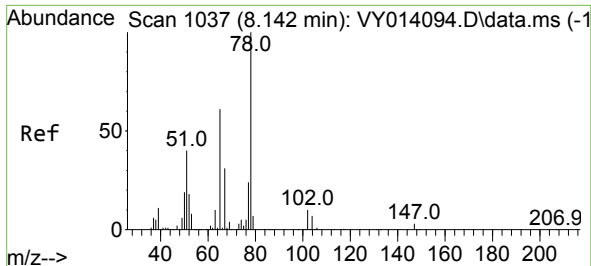
Tgt Ion: 56 Resp: 73200
Ion Ratio Lower Upper
56 100
69 36.9 27.8 41.6
84 82.7 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 23.513 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.001 min
Lab File: VY014181.D
Acq: 15 Jun 2023 11:57

Tgt Ion: 97 Resp: 91626
Ion Ratio Lower Upper
97 100
99 65.0 50.8 76.2
61 43.9 35.1 52.7

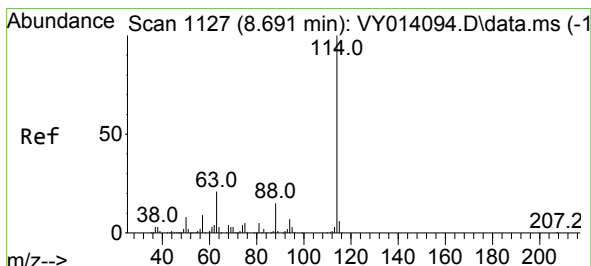
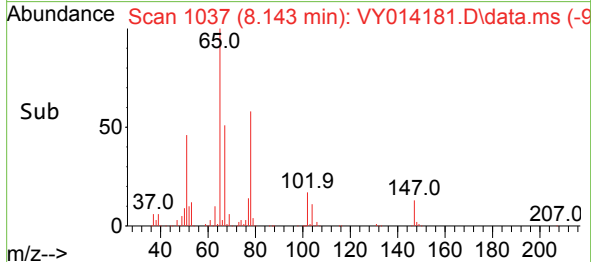
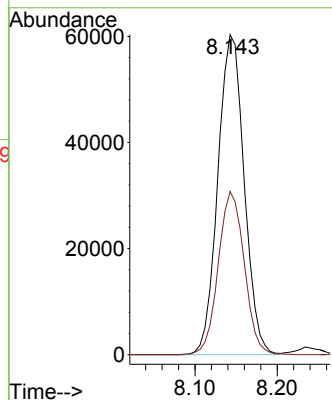
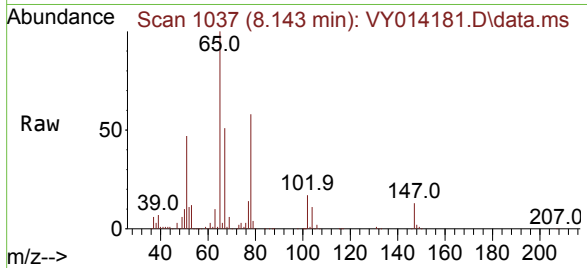




#33
 1,2-Dichloroethane-d4
 Concen: 54.120 ug/l
 RT: 8.143 min Scan# 1037
 Delta R.T. 0.001 min
 Lab File: VY014181.D
 Acq: 15 Jun 2023 11:57

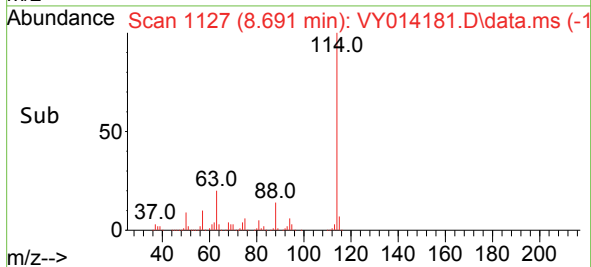
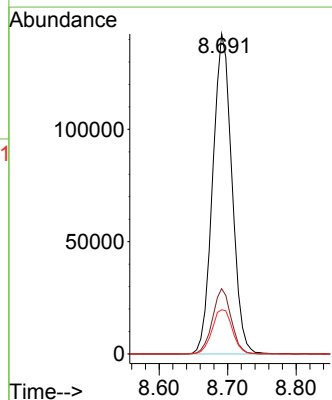
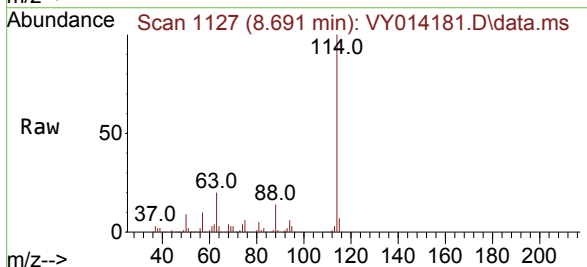
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0615SBS01

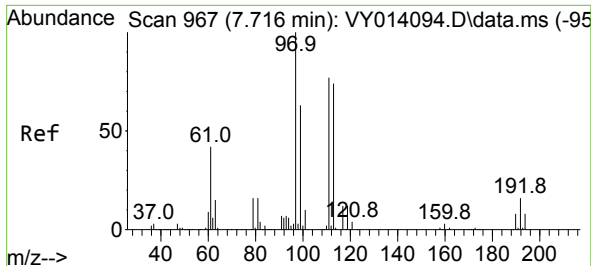
Tgt Ion: 65 Resp: 134336
 Ion Ratio Lower Upper
 65 100
 67 50.4 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VY014181.D
 Acq: 15 Jun 2023 11:57

Tgt Ion: 114 Resp: 276723
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 42.4
 88 13.8 0.0 30.6

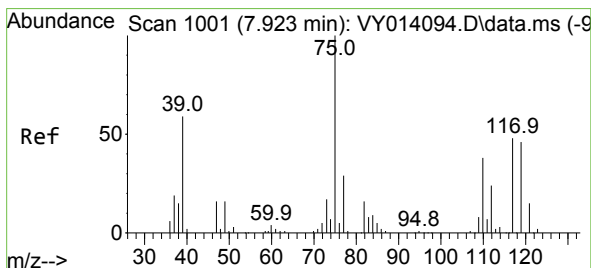
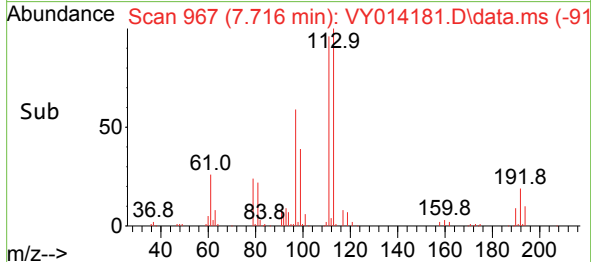
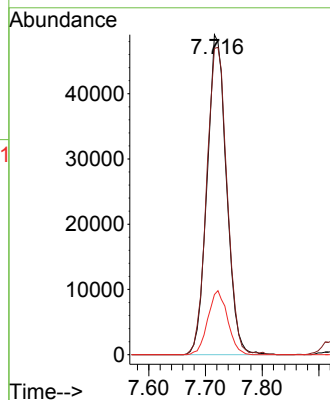
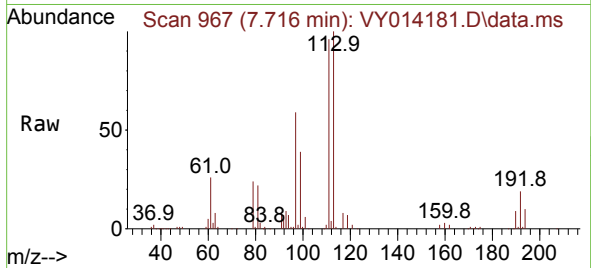




#35
Dibromofluoromethane
Concen: 59.387 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014181.D
Acq: 15 Jun 2023 11:57

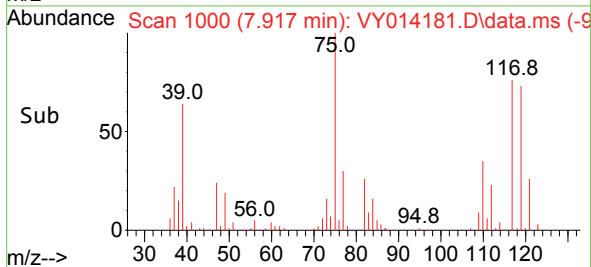
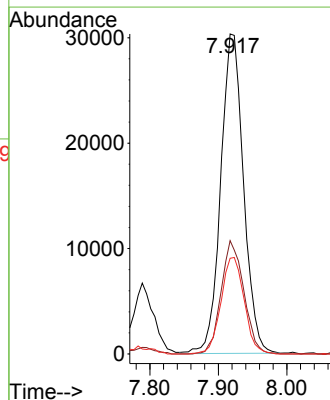
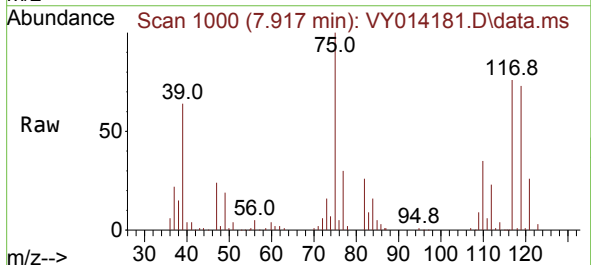
Instrument :
MSVOA_Y
ClientSampleId :
VY0615SBS01

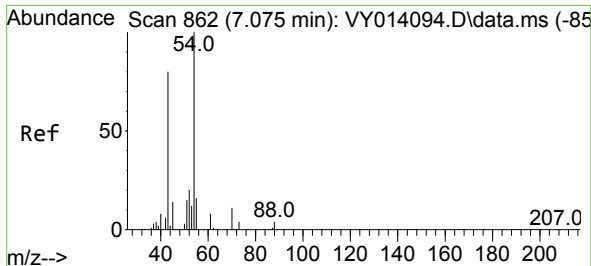
Tgt Ion:113 Resp: 116545
Ion Ratio Lower Upper
113 100
111 100.9 81.3 121.9
192 20.3 16.9 25.3



#36
1,1-Dichloropropene
Concen: 22.907 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.006 min
Lab File: VY014181.D
Acq: 15 Jun 2023 11:57

Tgt Ion: 75 Resp: 70084
Ion Ratio Lower Upper
75 100
110 35.3 17.8 53.5
77 30.8 24.4 36.6

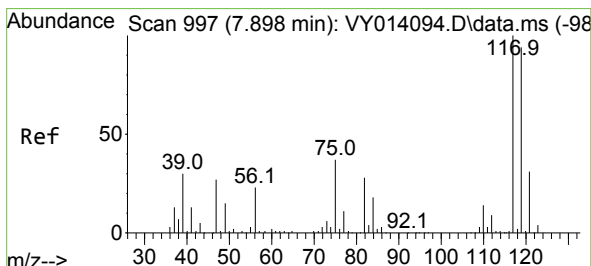
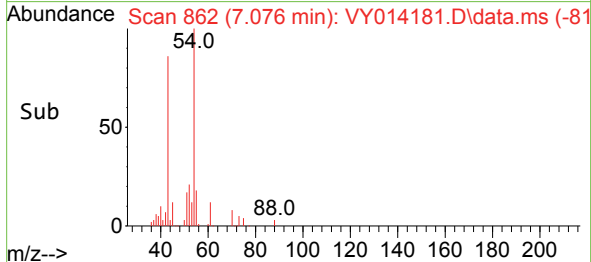
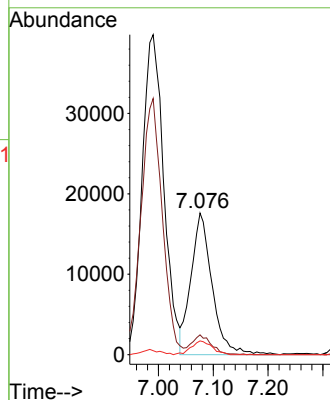
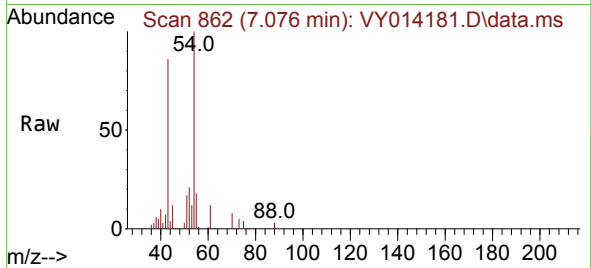




#37
Ethyl Acetate
Concen: 22.432 ug/l
RT: 7.076 min Scan# 862
Delta R.T. 0.001 min
Lab File: VY014181.D
Acq: 15 Jun 2023 11:57

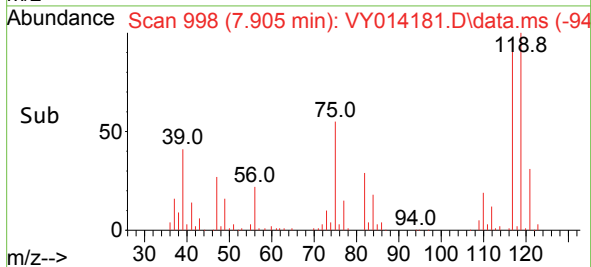
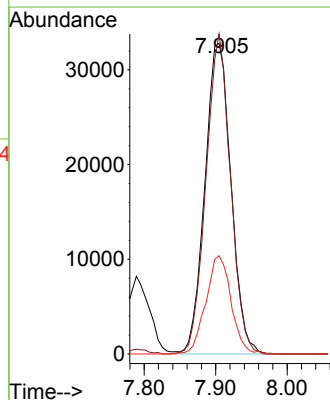
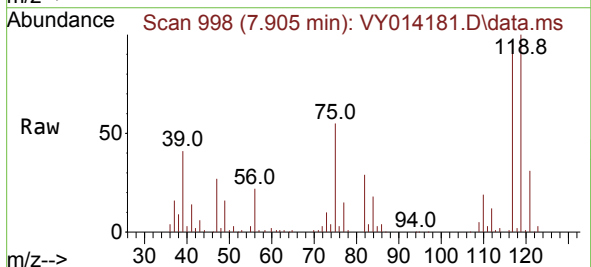
Instrument :
MSVOA_Y
ClientSampleId :
VY0615SBS01

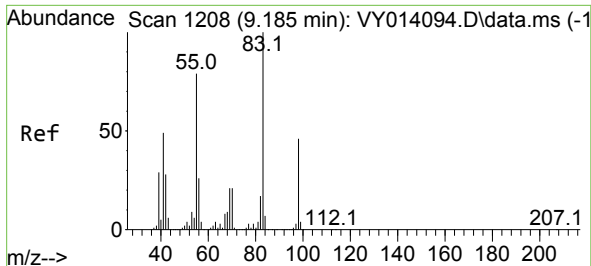
Tgt Ion: 43 Resp: 47355
Ion Ratio Lower Upper
43 100
61 13.2 10.1 15.1
70 9.5 7.1 10.7



#38
Carbon Tetrachloride
Concen: 23.572 ug/l
RT: 7.905 min Scan# 998
Delta R.T. 0.007 min
Lab File: VY014181.D
Acq: 15 Jun 2023 11:57

Tgt Ion: 117 Resp: 83222
Ion Ratio Lower Upper
117 100
119 103.0 76.4 114.6
121 31.6 25.8 38.6





#39

Methylcyclohexane

Concen: 22.525 ug/l

RT: 9.185 min Scan# 1208

Delta R.T. 0.000 min

Lab File: VY014181.D

Acq: 15 Jun 2023 11:57

Instrument :

MSVOA_Y

ClientSampleId :

VY0615SBSD01

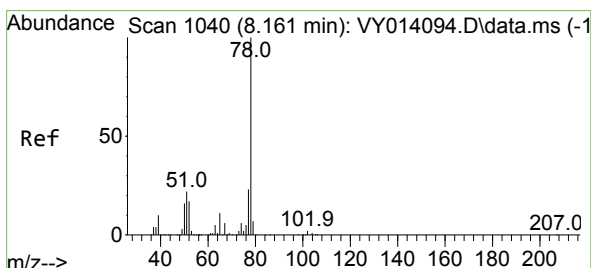
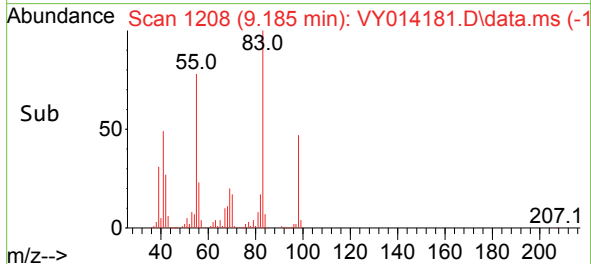
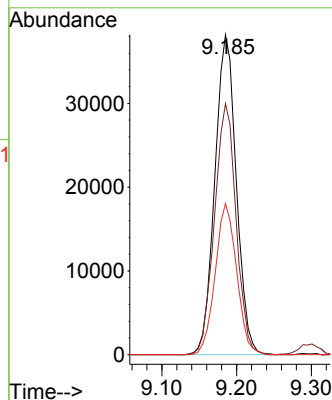
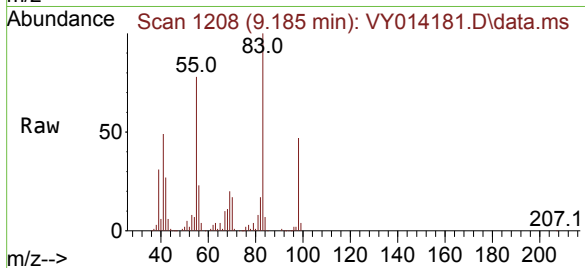
Tgt Ion: 83 Resp: 76461

Ion Ratio Lower Upper

83 100

55 78.5 63.0 94.4

98 47.2 37.4 56.2



#40

Benzene

Concen: 22.884 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY014181.D

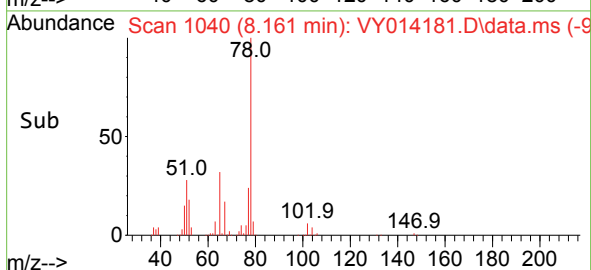
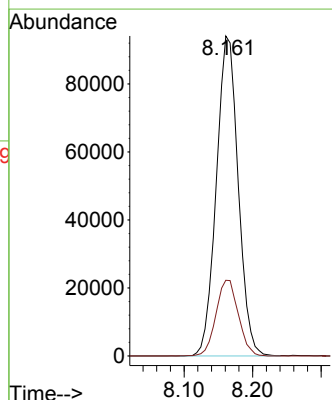
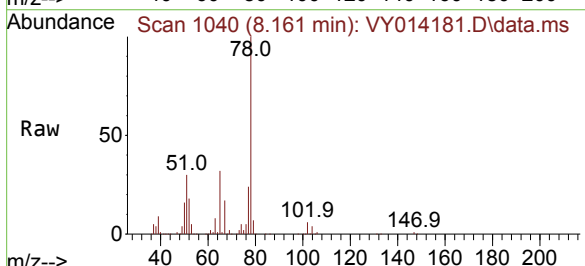
Acq: 15 Jun 2023 11:57

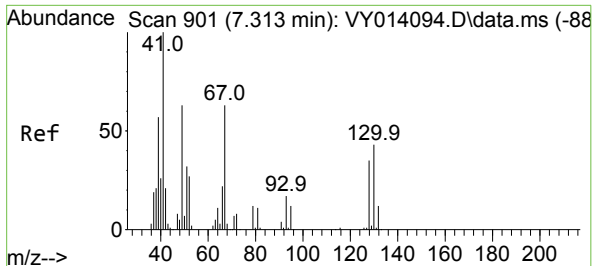
Tgt Ion: 78 Resp: 208194

Ion Ratio Lower Upper

78 100

77 23.7 19.0 28.6

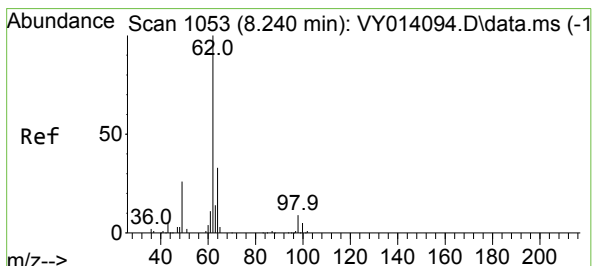
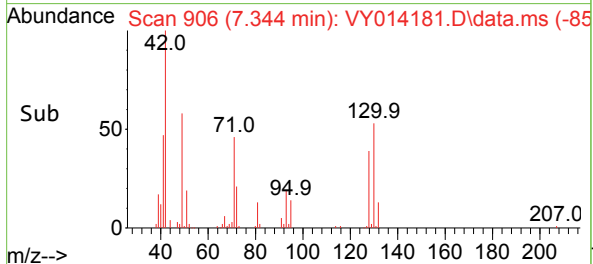
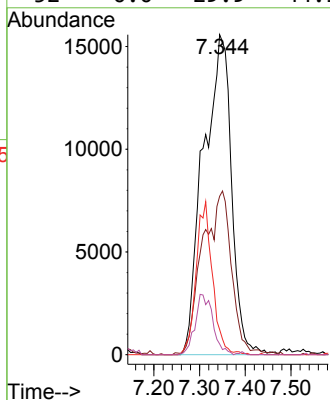
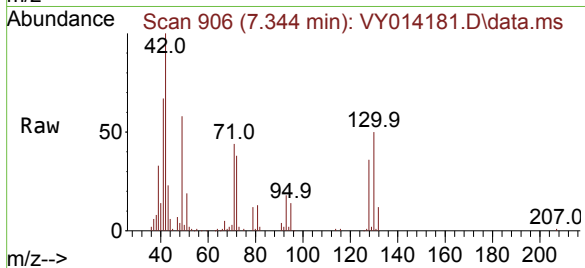




#41
Methacrylonitrile
Concen: 61.643 ug/l
RT: 7.344 min Scan# 901
Delta R.T. 0.031 min
Lab File: VY014181.D
Acq: 15 Jun 2023 11:57

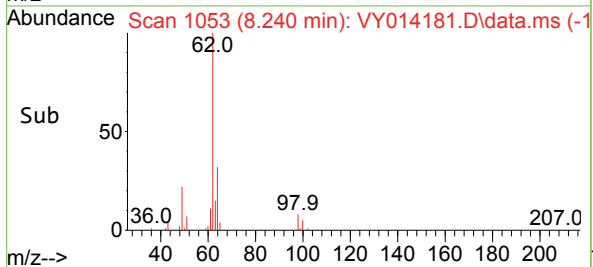
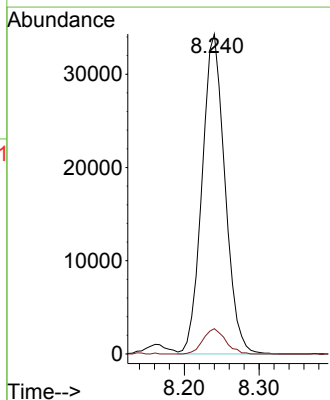
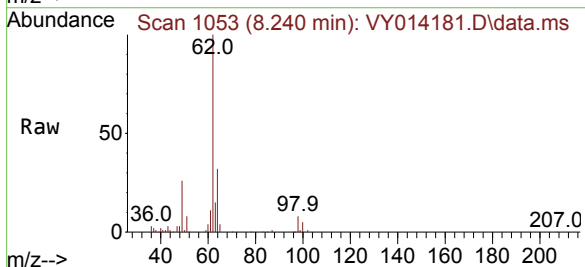
Instrument :
MSVOA_Y
ClientSampleId :
VY0615SBS01

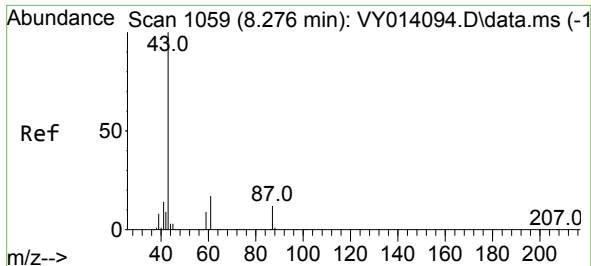
Tgt Ion: 41	Resp: 66412
Ion Ratio	Lower Upper
41	100
39	28.4 52.1 78.1#
67	0.0 66.2 99.2#
52	0.0 29.9 44.9#



#42
1,2-Dichloroethane
Concen: 22.717 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VY014181.D
Acq: 15 Jun 2023 11:57

Tgt Ion: 62	Resp: 73086
Ion Ratio	Lower Upper
62	100
98	7.7 0.0 15.8

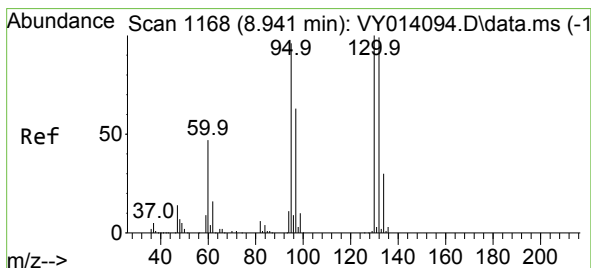
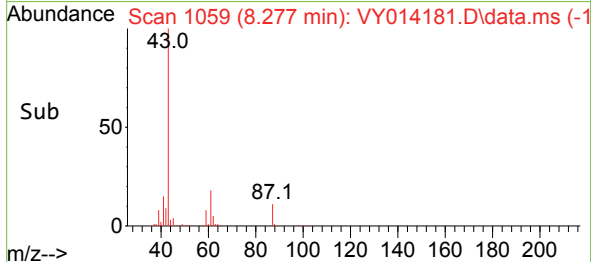
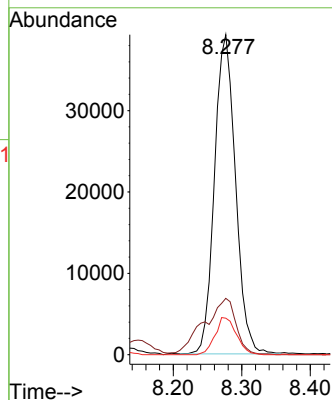
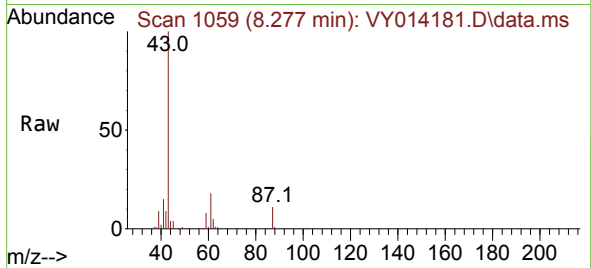




#43
Isopropyl Acetate
Concen: 22.552 ug/l
RT: 8.277 min Scan# 1059
Delta R.T. 0.001 min
Lab File: VY014181.D
Acq: 15 Jun 2023 11:57

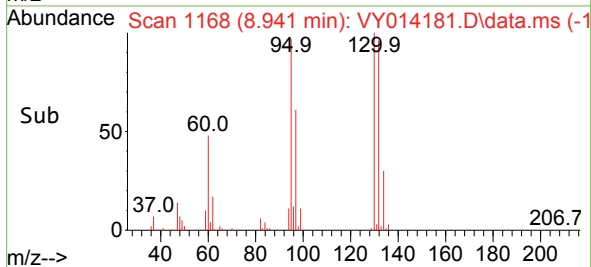
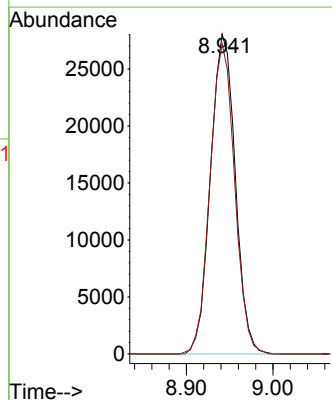
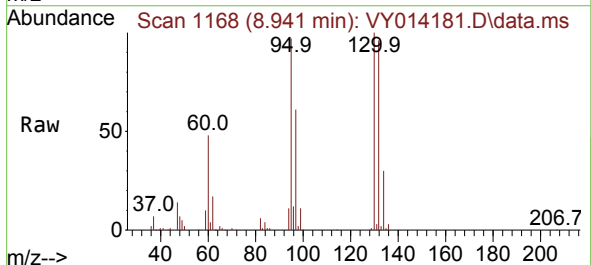
Instrument :
MSVOA_Y
ClientSampleId :
VY0615SBS01

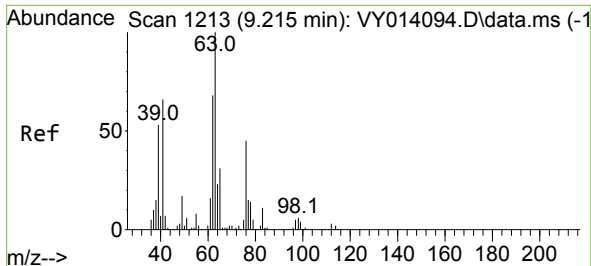
Tgt Ion: 43 Resp: 83439
Ion Ratio Lower Upper
43 100
61 27.0 21.1 31.7
87 11.8 9.8 14.8



#44
Trichloroethene
Concen: 22.891 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VY014181.D
Acq: 15 Jun 2023 11:57

Tgt Ion:130 Resp: 55641
Ion Ratio Lower Upper
130 100
95 96.9 0.0 196.0

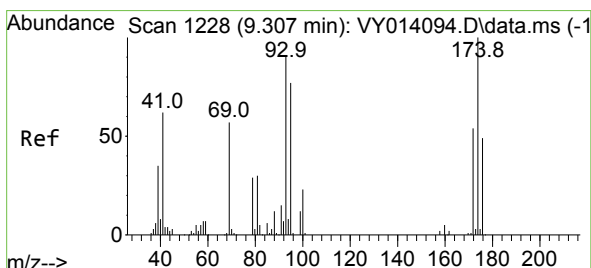
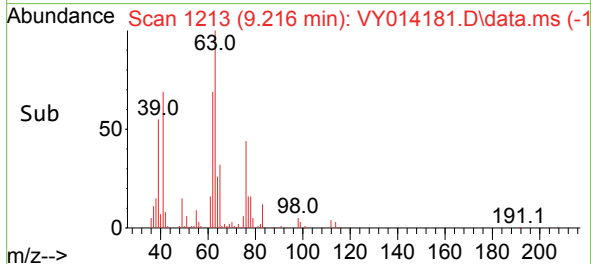
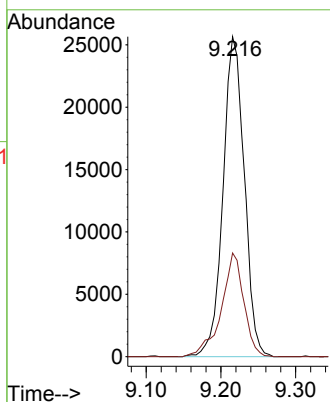
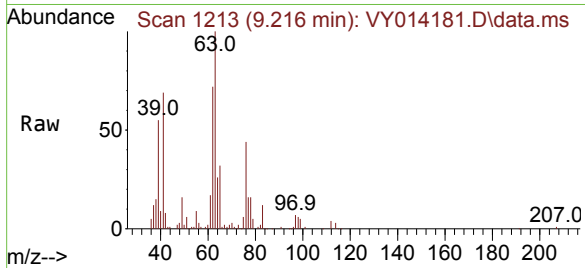




#45
1,2-Dichloropropane
Concen: 22.031 ug/l
RT: 9.216 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY014181.D
Acq: 15 Jun 2023 11:57

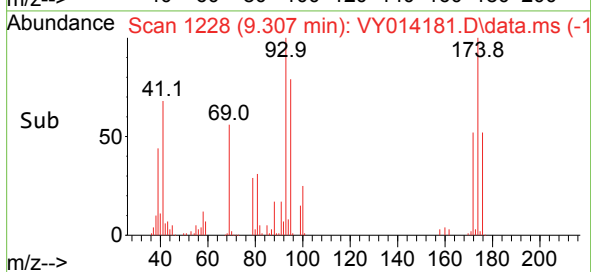
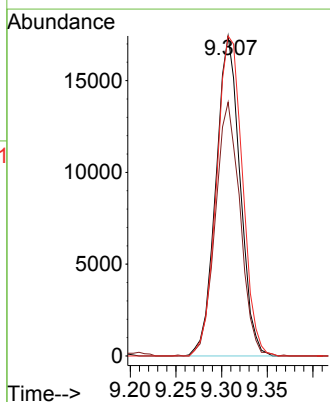
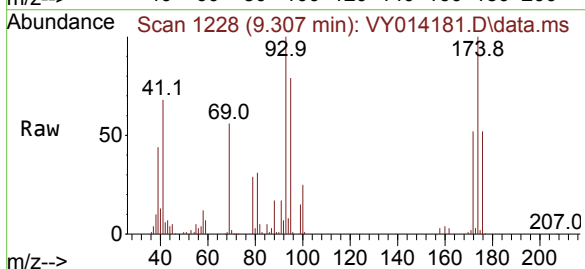
Instrument :
MSVOA_Y
ClientSampleId :
VY0615SBSD01

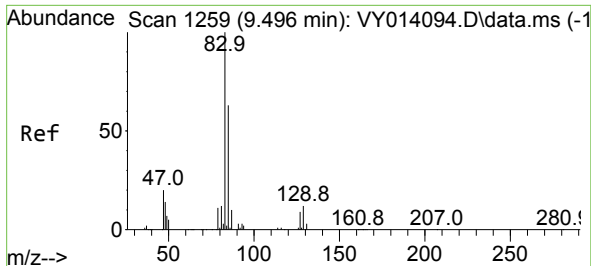
Tgt Ion: 63 Resp: 50910
Ion Ratio Lower Upper
63 100
65 32.4 23.8 35.6



#46
Dibromomethane
Concen: 22.577 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VY014181.D
Acq: 15 Jun 2023 11:57

Tgt Ion: 93 Resp: 32114
Ion Ratio Lower Upper
93 100
95 81.1 66.6 100.0
174 107.0 84.8 127.2

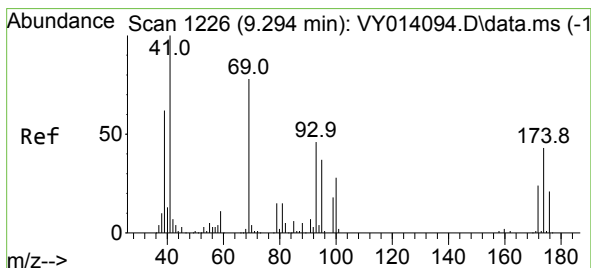
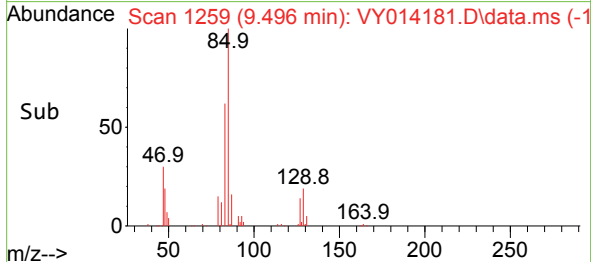
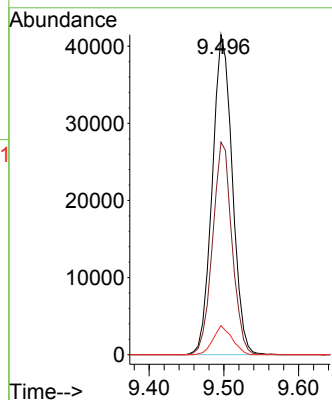
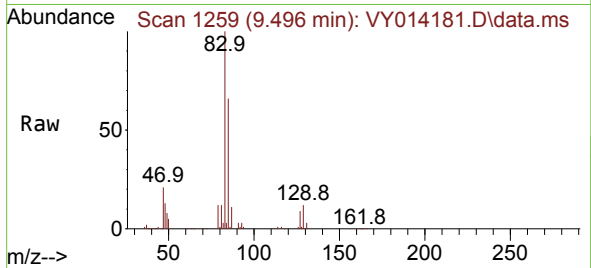




#47
Bromodichloromethane
Concen: 23.219 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY014181.D
Acq: 15 Jun 2023 11:57

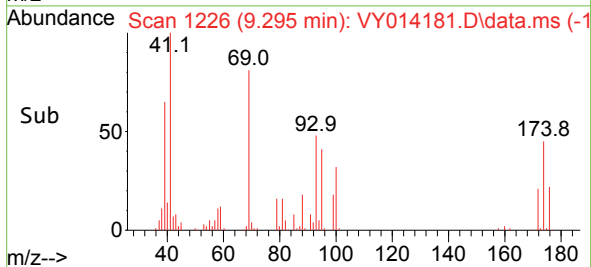
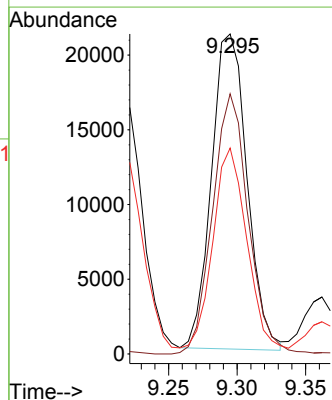
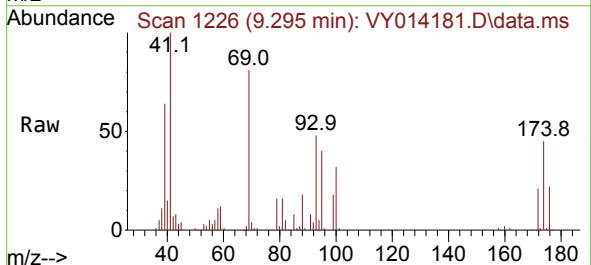
Instrument :
MSVOA_Y
ClientSampleId :
VY0615SBS01

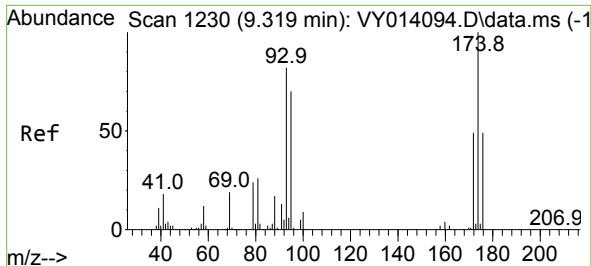
Tgt Ion: 83 Resp: 77333
Ion Ratio Lower Upper
83 100
85 66.4 50.1 75.1
127 9.1 7.1 10.7



#48
Methyl methacrylate
Concen: 22.034 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.001 min
Lab File: VY014181.D
Acq: 15 Jun 2023 11:57

Tgt Ion: 41 Resp: 38024
Ion Ratio Lower Upper
41 100
69 83.3 64.5 96.7
39 62.8 50.8 76.2





#49

1,4-Dioxane

Concen: 471.776 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. -0.024 min

Lab File: VY014181.D

Acq: 15 Jun 2023 11:57

Instrument :

MSVOA_Y

ClientSampleId :

VY0615SBS01

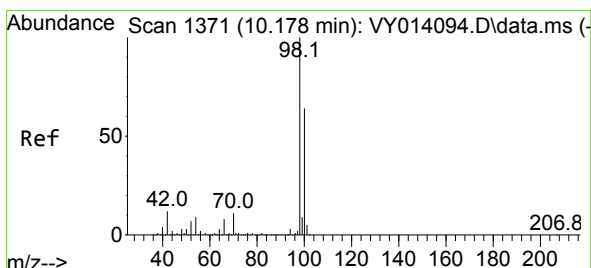
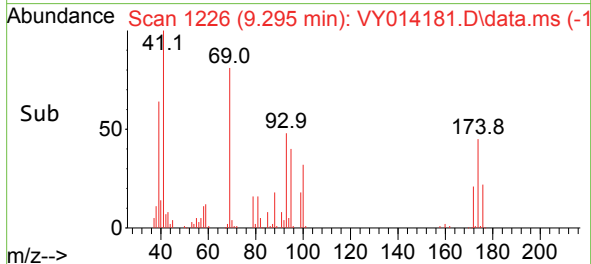
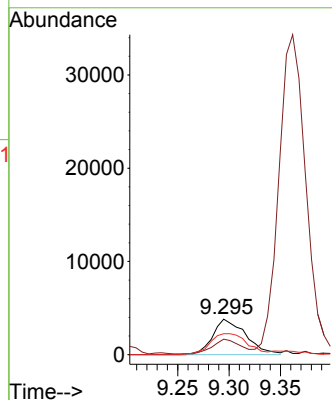
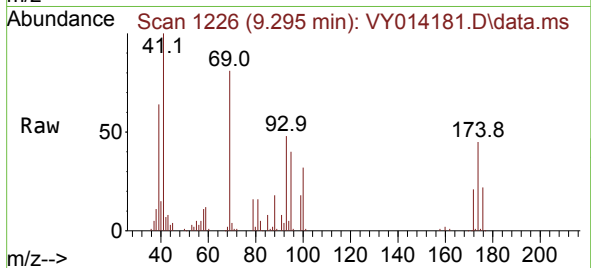
Tgt Ion: 88 Resp: 8527

Ion Ratio Lower Upper

88 100

43 34.2 0.0 0.0#

58 66.3 30.9 46.3#



#50

Toluene-d8

Concen: 54.840 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.001 min

Lab File: VY014181.D

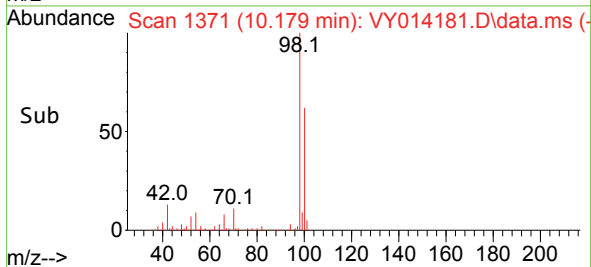
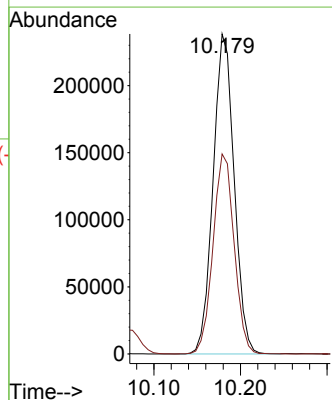
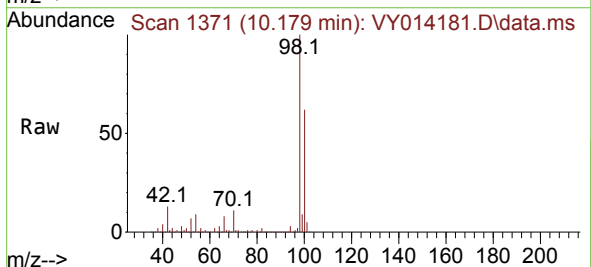
Acq: 15 Jun 2023 11:57

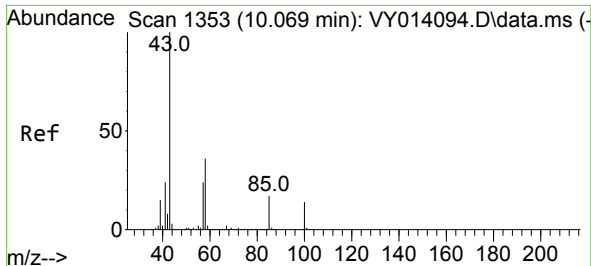
Tgt Ion: 98 Resp: 402352

Ion Ratio Lower Upper

98 100

100 62.8 50.1 75.1

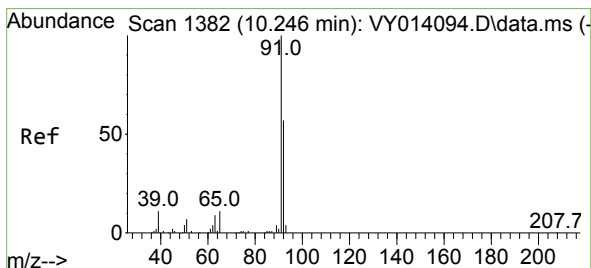
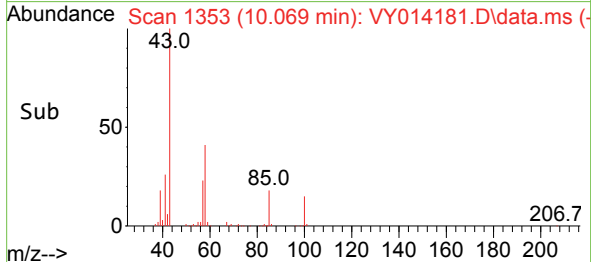
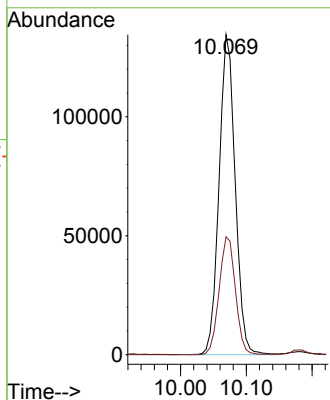
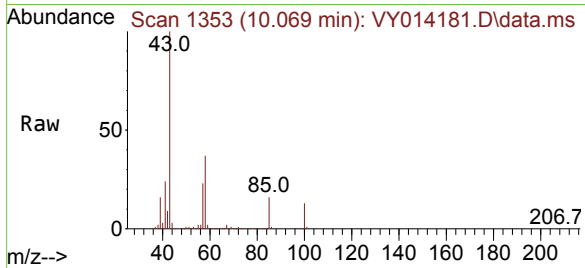




#51
4-Methyl-2-Pentanone
Concen: 114.187 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY014181.D
Acq: 15 Jun 2023 11:57

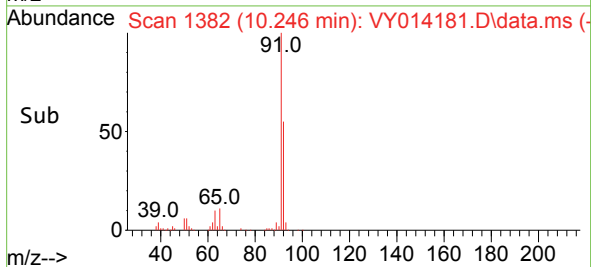
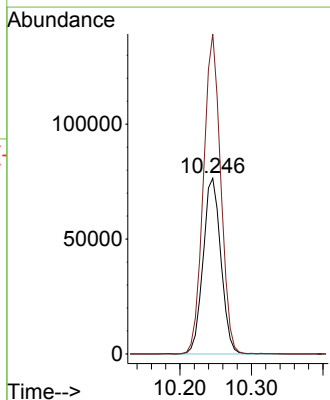
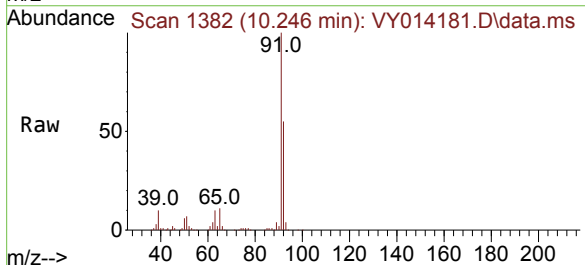
Instrument :
MSVOA_Y
ClientSampleId :
VY0615SBSD01

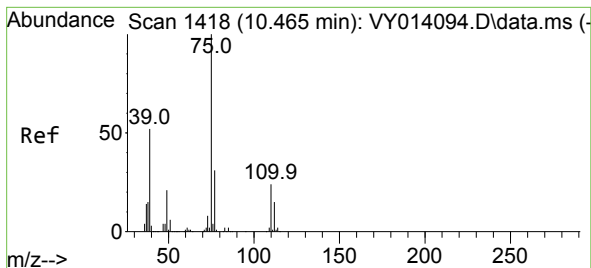
Tgt Ion: 43 Resp: 229531
Ion Ratio Lower Upper
43 100
58 37.2 29.0 43.6



#52
Toluene
Concen: 23.401 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY014181.D
Acq: 15 Jun 2023 11:57

Tgt Ion: 92 Resp: 131972
Ion Ratio Lower Upper
92 100
91 176.8 143.8 215.6

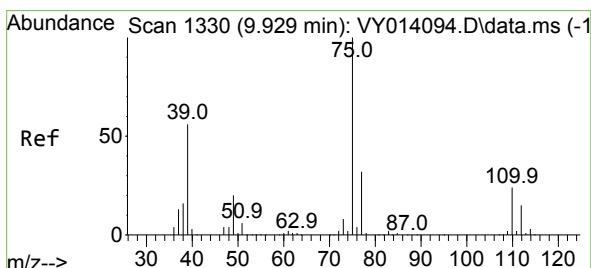
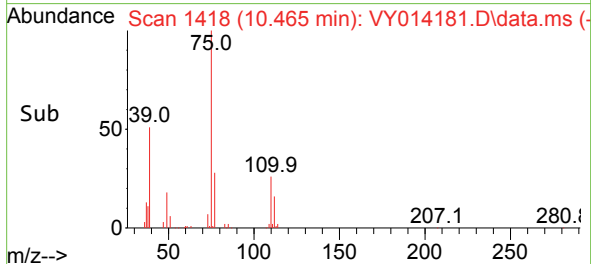
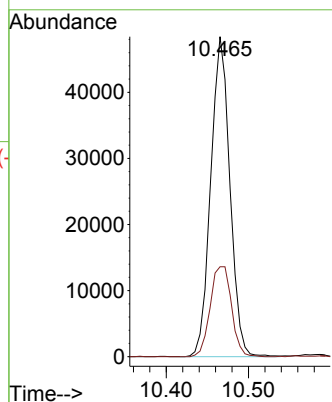
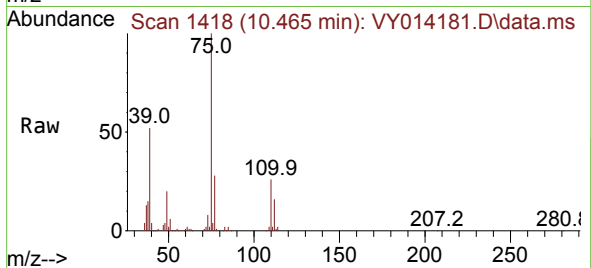




#53
 t-1,3-Dichloropropene
 Concen: 22.376 ug/l
 RT: 10.465 min Scan# 1418
 Delta R.T. 0.000 min
 Lab File: VY014181.D
 Acq: 15 Jun 2023 11:57

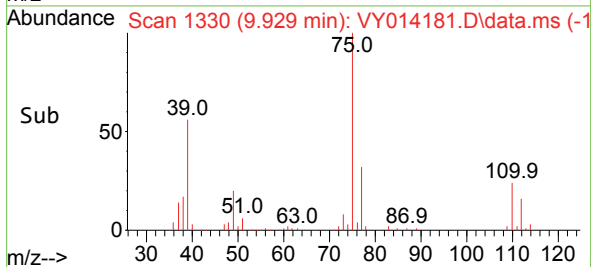
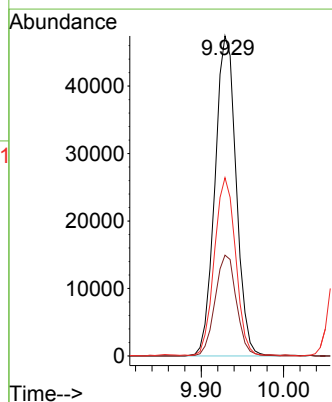
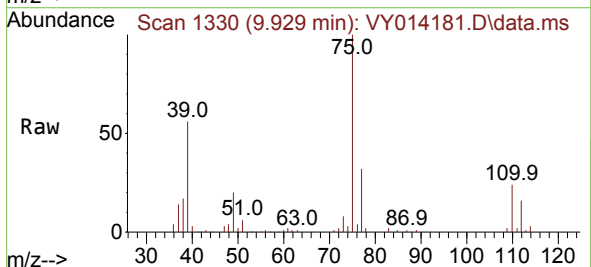
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0615SBS01

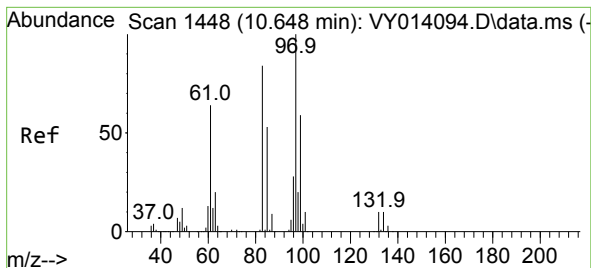
Tgt Ion: 75 Resp: 78452
 Ion Ratio Lower Upper
 75 100
 77 28.1 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 22.224 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. -0.000 min
 Lab File: VY014181.D
 Acq: 15 Jun 2023 11:57

Tgt Ion: 75 Resp: 85017
 Ion Ratio Lower Upper
 75 100
 77 31.5 24.2 36.4
 39 55.5 42.2 63.4





#55

1,1,2-Trichloroethane

Concen: 22.601 ug/l

RT: 10.648 min Scan# 1448

Delta R.T. 0.000 min

Lab File: VY014181.D

Acq: 15 Jun 2023 11:57

Instrument :

MSVOA_Y

ClientSampleId :

VY0615SBS01

Tgt Ion: 97 Resp: 42641

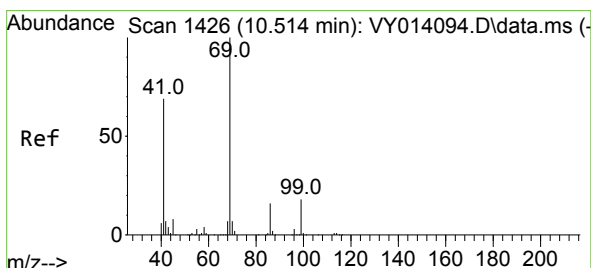
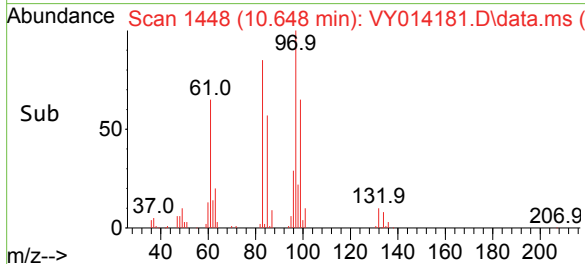
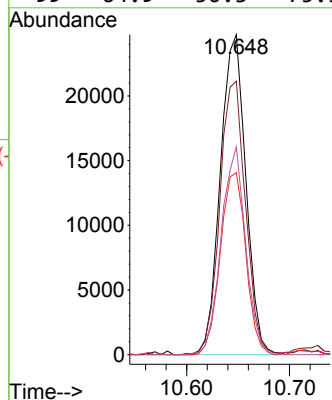
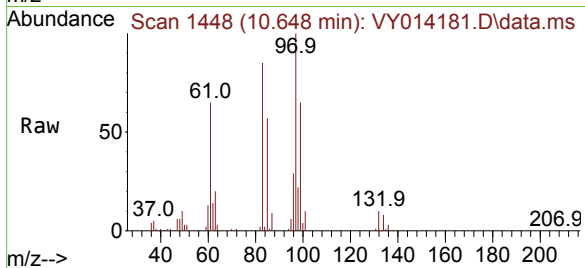
Ion Ratio Lower Upper

97 100

83 85.5 72.0 108.0

85 56.9 45.4 68.0

99 64.9 50.3 75.5



#56

Ethyl methacrylate

Concen: 21.850 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. -0.006 min

Lab File: VY014181.D

Acq: 15 Jun 2023 11:57

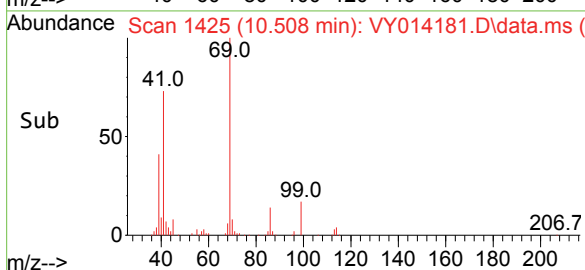
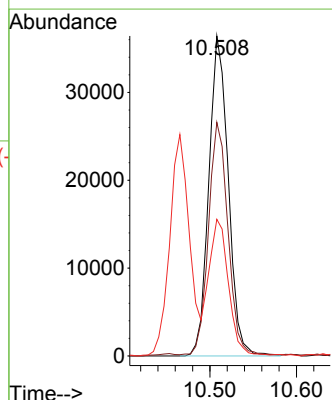
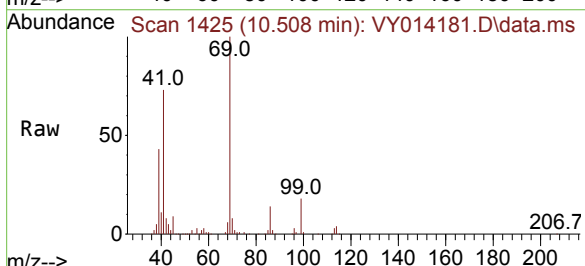
Tgt Ion: 69 Resp: 56861

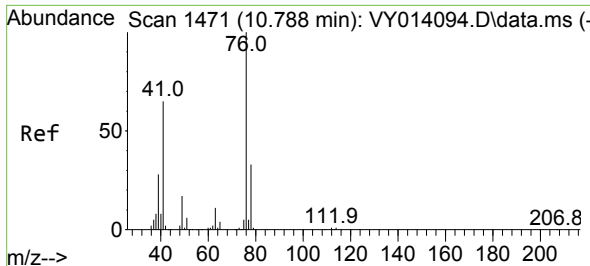
Ion Ratio Lower Upper

69 100

41 72.8 57.6 86.4

39 42.5 34.1 51.1





#57

1,3-Dichloropropane

Concen: 22.702 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY014181.D

Acq: 15 Jun 2023 11:57

Instrument :

MSVOA_Y

ClientSampleId :

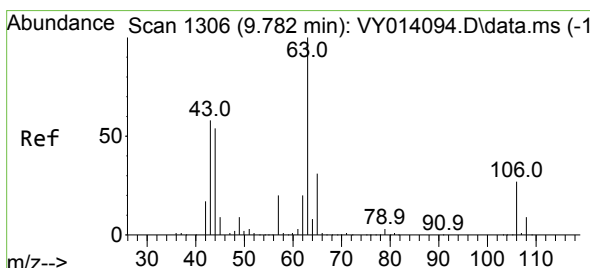
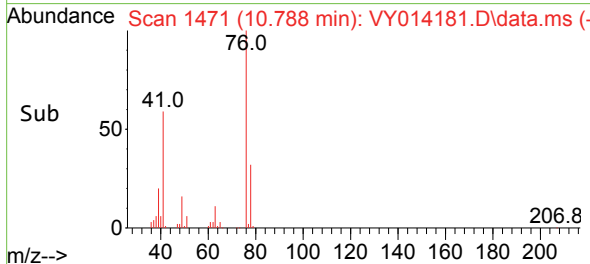
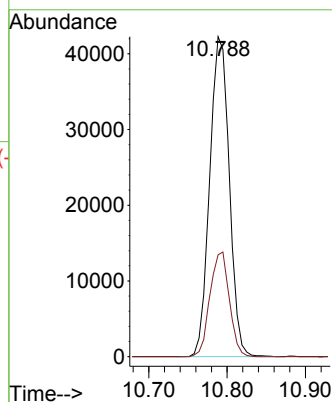
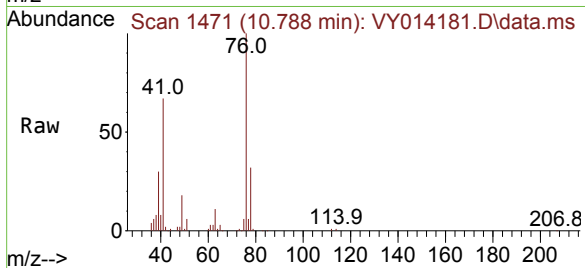
VY0615SBS01

Tgt Ion: 76 Resp: 73254

Ion Ratio Lower Upper

76 100

78 32.4 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 89.552 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. 0.001 min

Lab File: VY014181.D

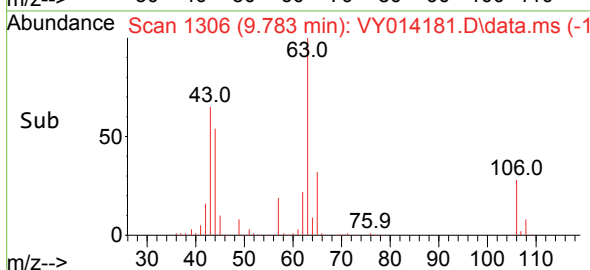
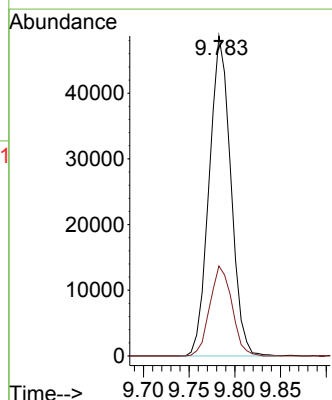
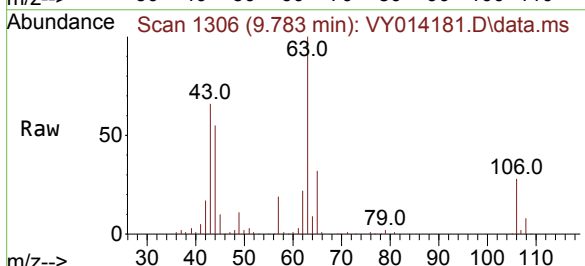
Acq: 15 Jun 2023 11:57

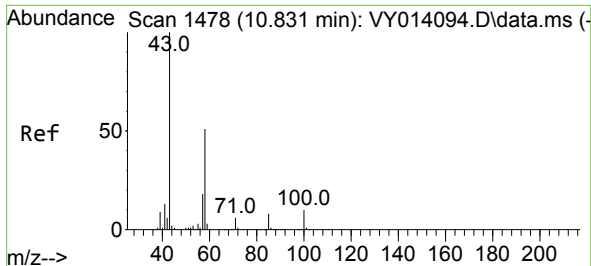
Tgt Ion: 63 Resp: 80014

Ion Ratio Lower Upper

63 100

106 28.8 21.2 31.8

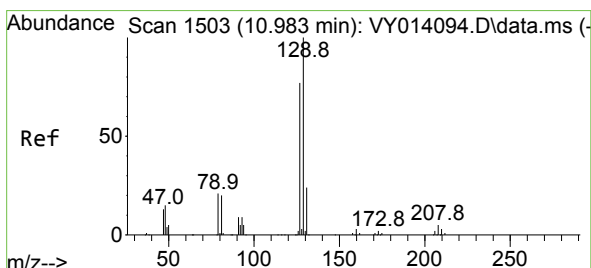
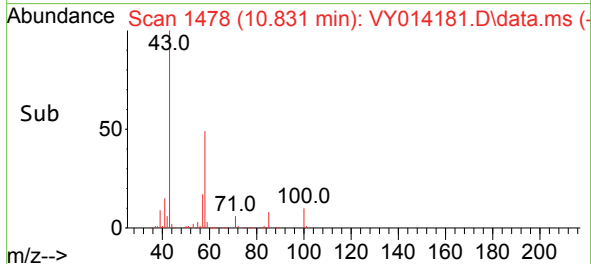
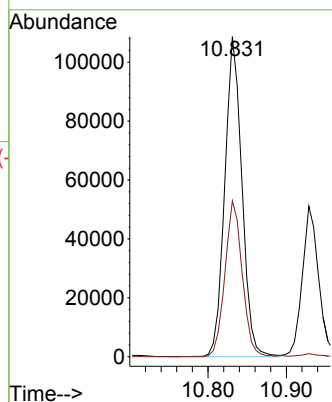
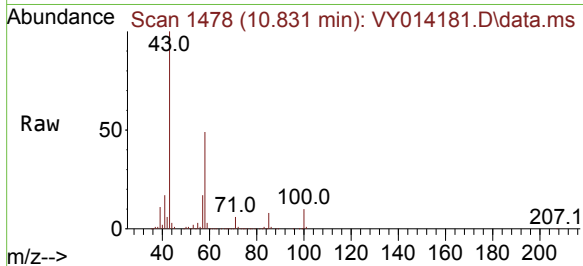




#59
2-Hexanone
Concen: 114.177 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY014181.D
Acq: 15 Jun 2023 11:57

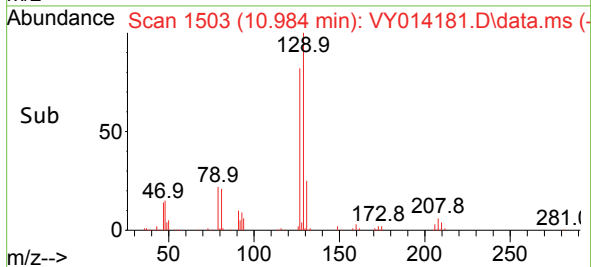
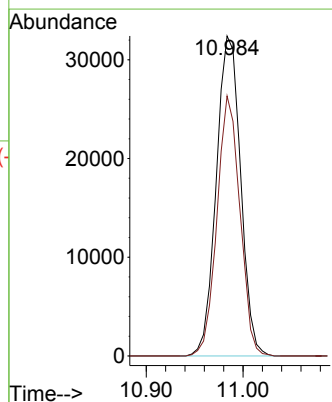
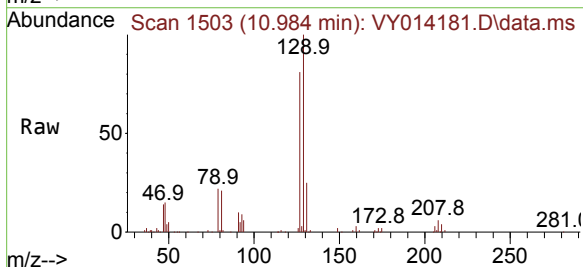
Instrument :
MSVOA_Y
ClientSampleId :
VY0615SBS01

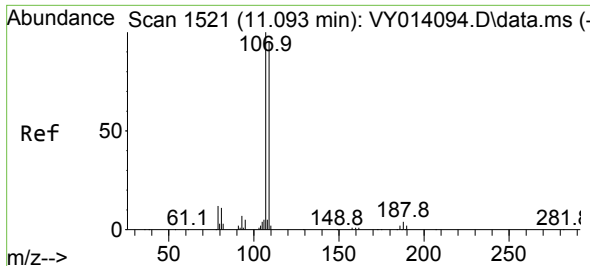
Tgt Ion: 43 Resp: 165765
Ion Ratio Lower Upper
43 100
58 49.0 25.1 75.3



#60
Dibromochloromethane
Concen: 23.449 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.001 min
Lab File: VY014181.D
Acq: 15 Jun 2023 11:57

Tgt Ion: 129 Resp: 56623
Ion Ratio Lower Upper
129 100
127 76.5 38.5 115.5

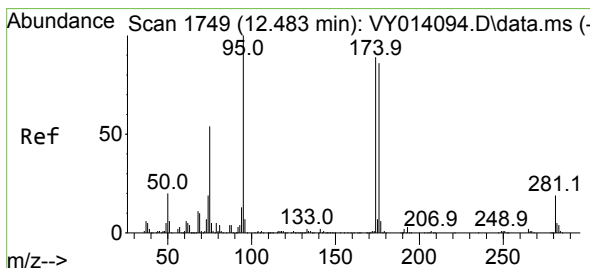
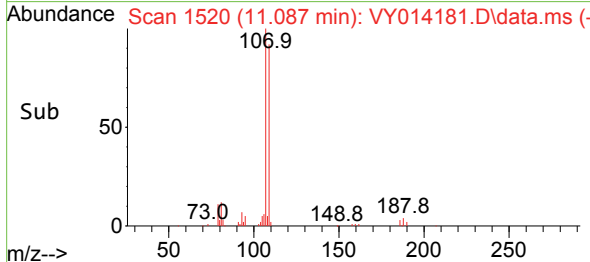
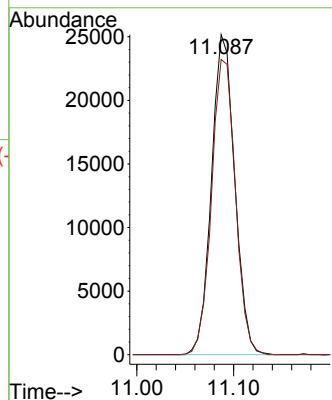
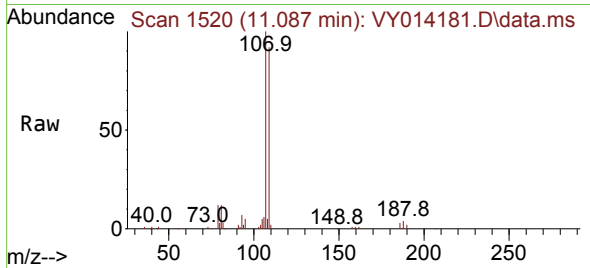




#61
1,2-Dibromoethane
Concen: 22.533 ug/l
RT: 11.087 min Scan# 1521
Delta R.T. -0.006 min
Lab File: VY014181.D
Acq: 15 Jun 2023 11:57

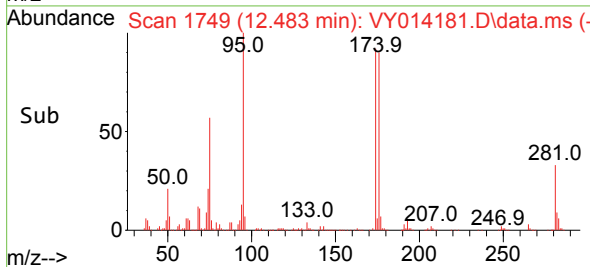
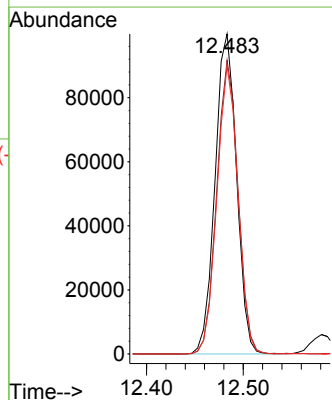
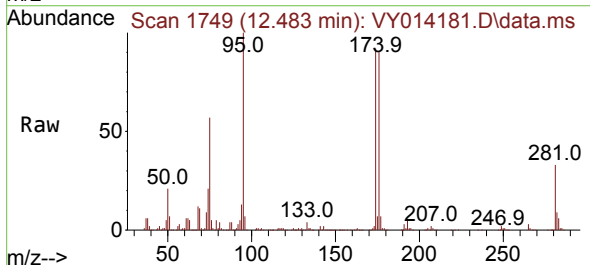
Instrument :
MSVOA_Y
ClientSampleId :
VY0615SBS01

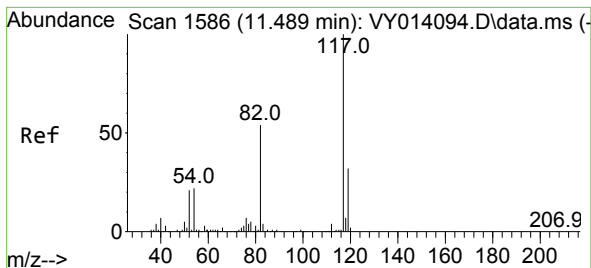
Tgt Ion:107 Resp: 41957
Ion Ratio Lower Upper
107 100
109 94.9 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 59.049 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY014181.D
Acq: 15 Jun 2023 11:57

Tgt Ion: 95 Resp: 153897
Ion Ratio Lower Upper
95 100
174 90.8 0.0 178.2
176 88.1 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 1

Delta R.T. 0.001 min

Lab File: VY014181.D

Acq: 15 Jun 2023 11:57

Instrument :

MSVOA_Y

ClientSampleId :

VY0615SBS01

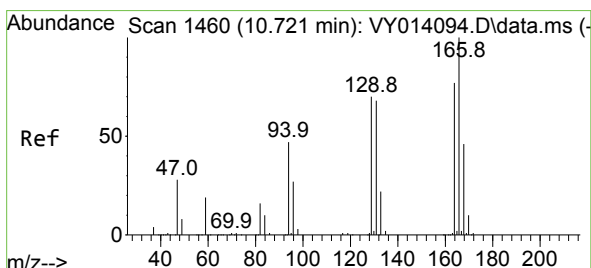
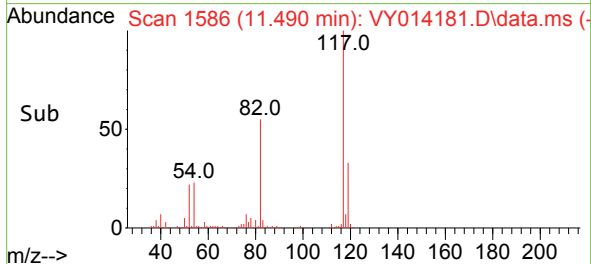
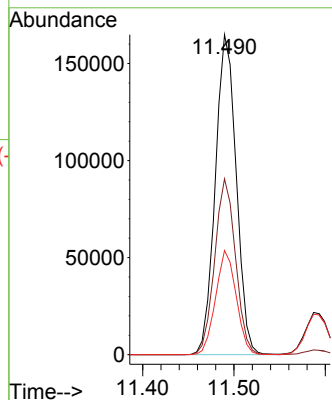
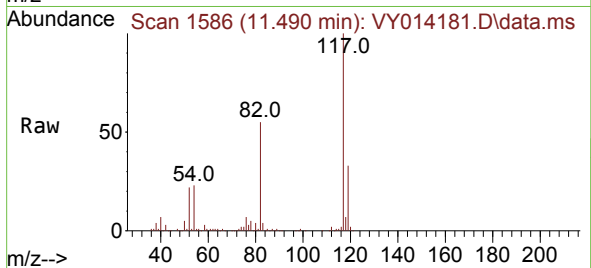
Tgt Ion:117 Resp: 262521

Ion Ratio Lower Upper

117 100

82 54.9 43.4 65.0

119 32.5 26.3 39.5



#64

Tetrachloroethene

Concen: 22.910 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VY014181.D

Acq: 15 Jun 2023 11:57

Tgt Ion:164 Resp: 51264

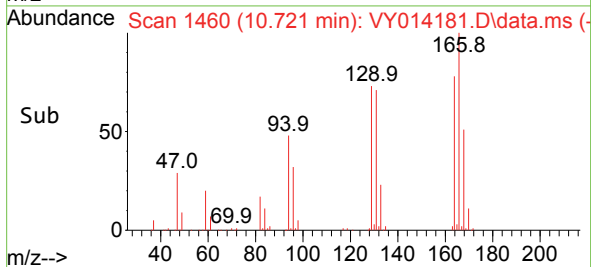
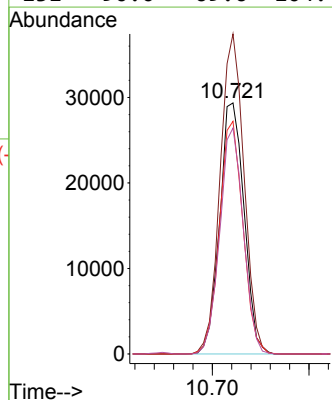
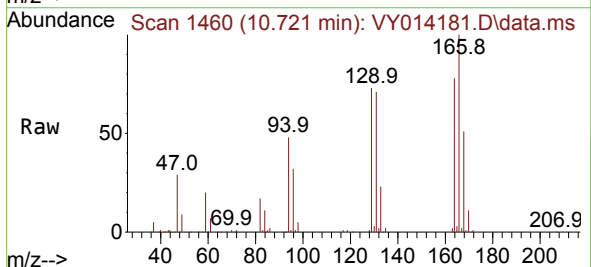
Ion Ratio Lower Upper

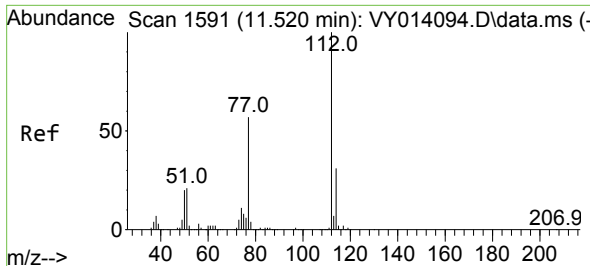
164 100

166 127.5 103.0 154.6

129 92.7 77.2 115.8

131 90.0 69.6 104.4

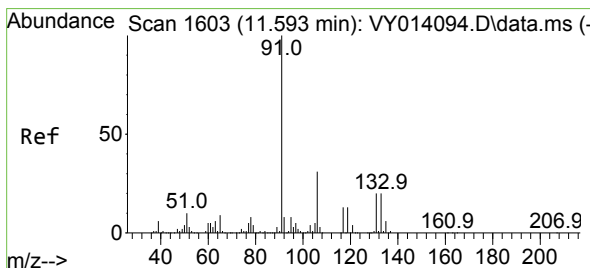
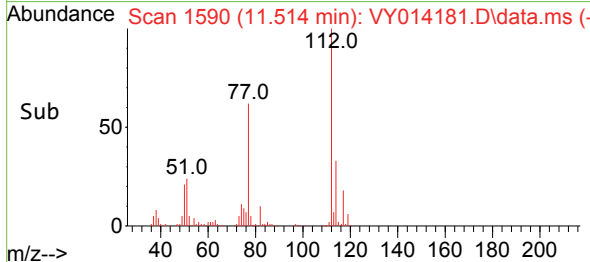
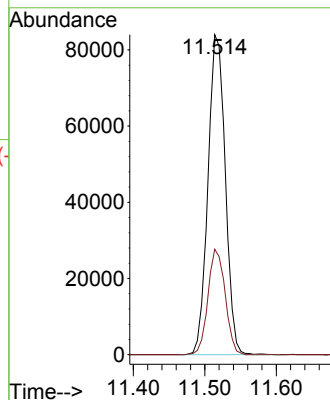
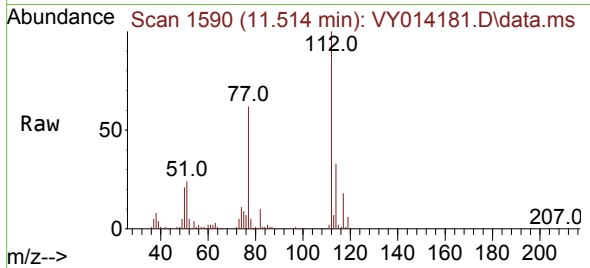




#65
Chlorobenzene
Concen: 22.409 ug/l
RT: 11.514 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY014181.D
Acq: 15 Jun 2023 11:57

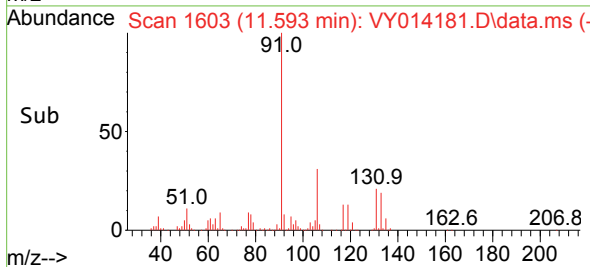
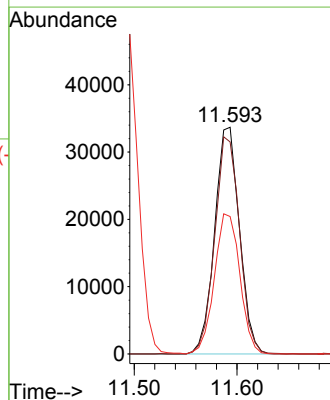
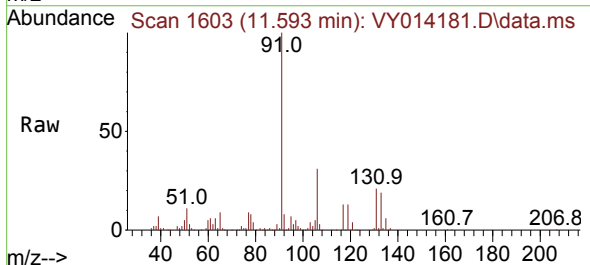
Instrument :
MSVOA_Y
ClientSampleId :
VY0615SBSD01

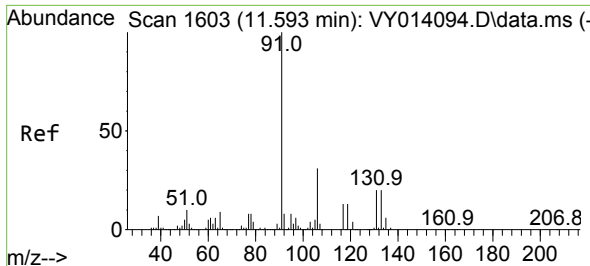
Tgt Ion:112 Resp: 141354
Ion Ratio Lower Upper
112 100
114 33.0 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 22.756 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY014181.D
Acq: 15 Jun 2023 11:57

Tgt Ion:131 Resp: 56459
Ion Ratio Lower Upper
131 100
133 95.5 47.5 142.6
119 63.4 31.6 94.7

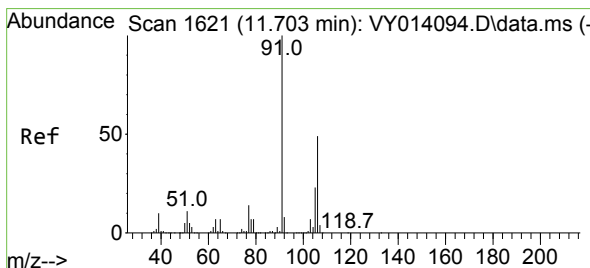
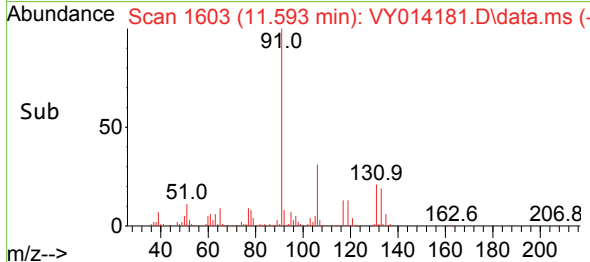
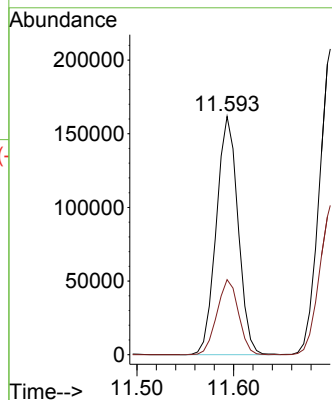
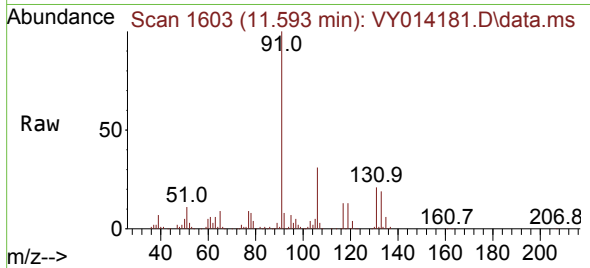




#67
Ethyl Benzene
Concen: 22.808 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY014181.D
Acq: 15 Jun 2023 11:57

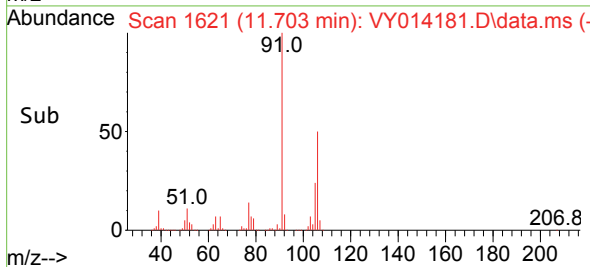
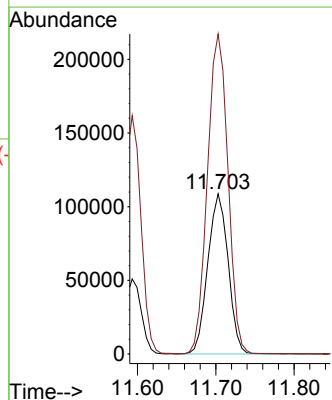
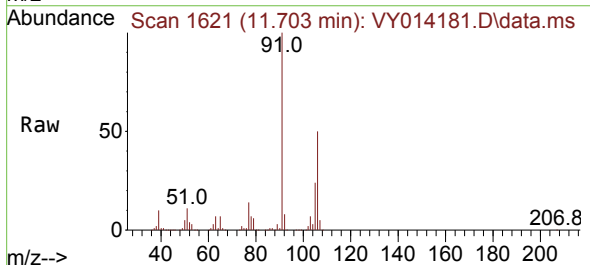
Instrument :
MSVOA_Y
ClientSampleId :
VY0615SBSD01

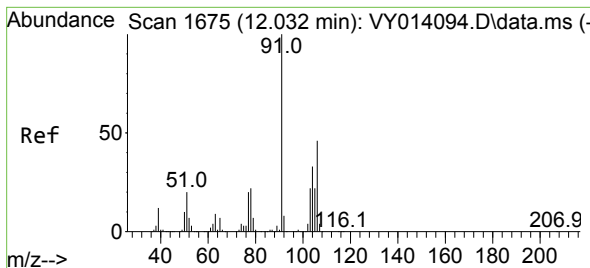
Tgt Ion: 91 Resp: 251833
Ion Ratio Lower Upper
91 100
106 31.5 24.6 36.8



#68
m/p-Xylenes
Concen: 46.137 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY014181.D
Acq: 15 Jun 2023 11:57

Tgt Ion:106 Resp: 195945
Ion Ratio Lower Upper
106 100
91 201.6 166.1 249.1

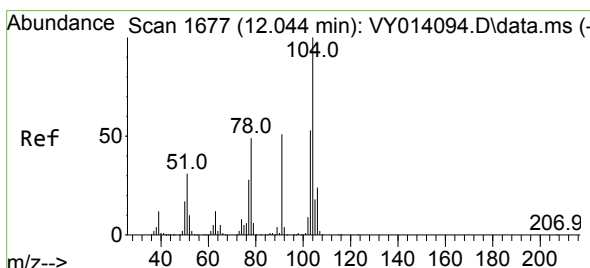
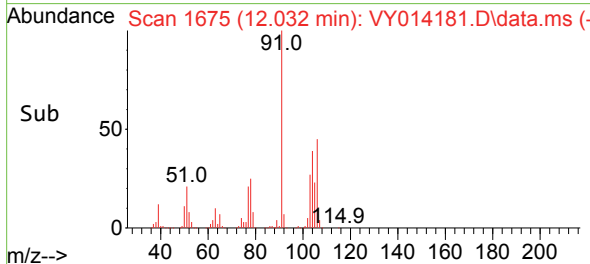
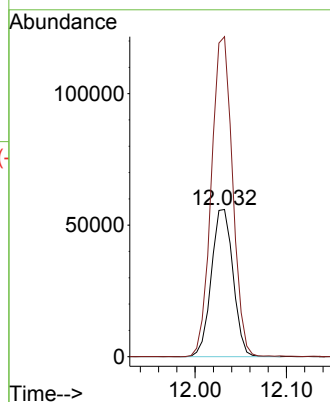
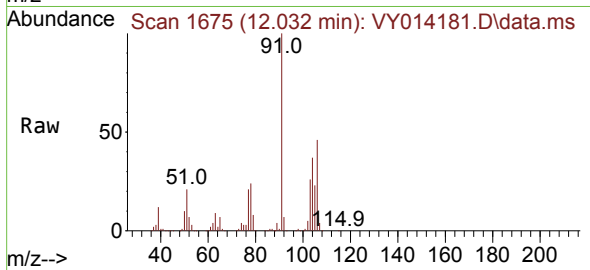




#69
o-Xylene
Concen: 22.982 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY014181.D
Acq: 15 Jun 2023 11:57

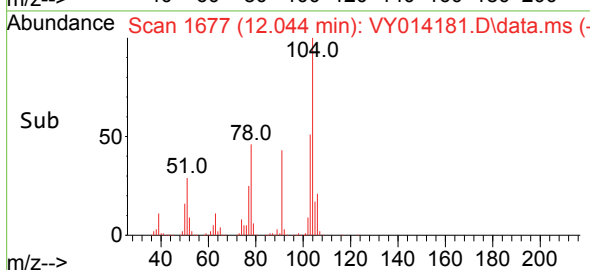
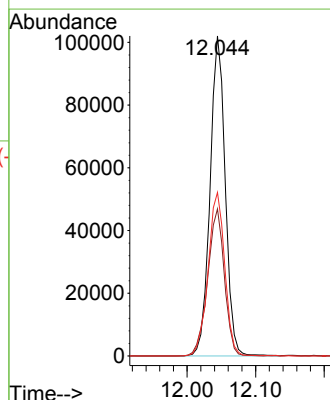
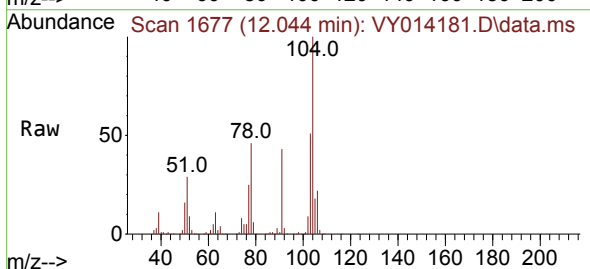
Instrument :
MSVOA_Y
ClientSampleId :
VY0615SBS01

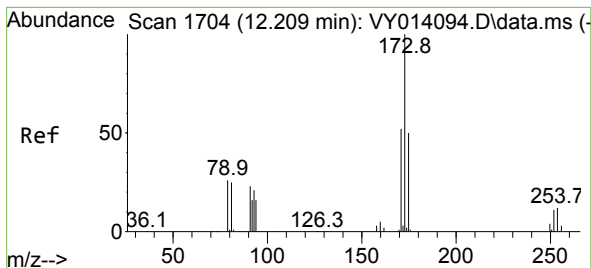
Tgt Ion:106 Resp: 92277
Ion Ratio Lower Upper
106 100
91 212.5 108.1 324.3



#70
Styrene
Concen: 23.046 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY014181.D
Acq: 15 Jun 2023 11:57

Tgt Ion:104 Resp: 157933
Ion Ratio Lower Upper
104 100
78 50.4 41.5 62.3
103 55.9 44.6 67.0

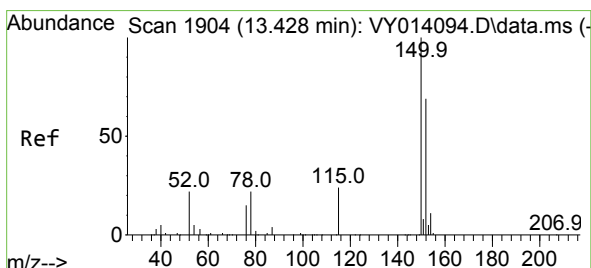
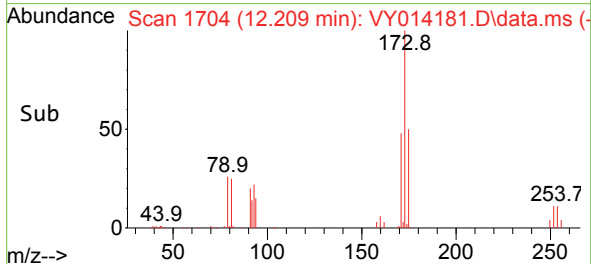
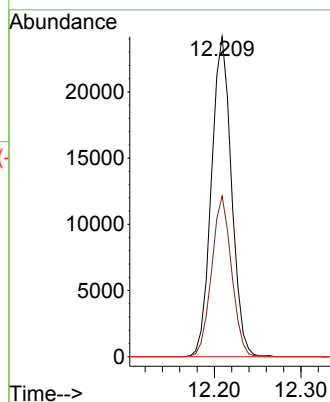
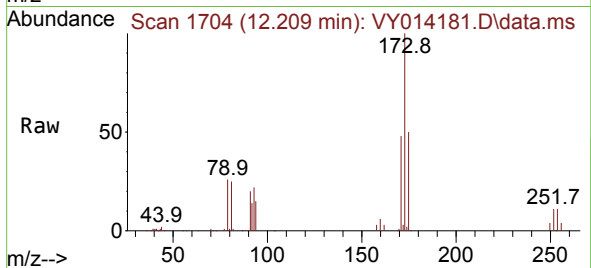




#71
Bromoform
Concen: 22.856 ug/l
RT: 12.209 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY014181.D
Acq: 15 Jun 2023 11:57

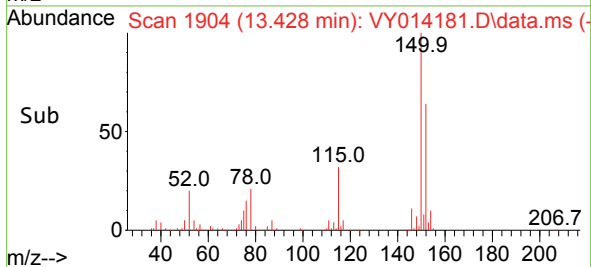
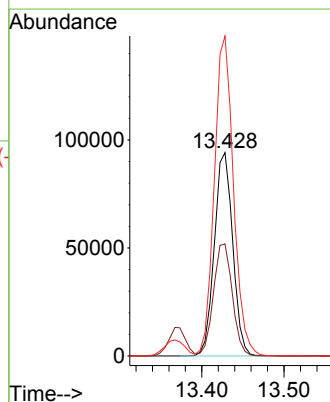
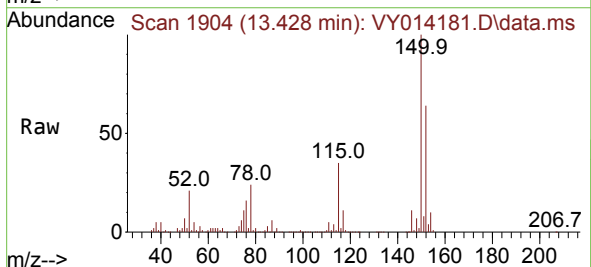
Instrument :
MSVOA_Y
ClientSampleId :
VY0615SBS01

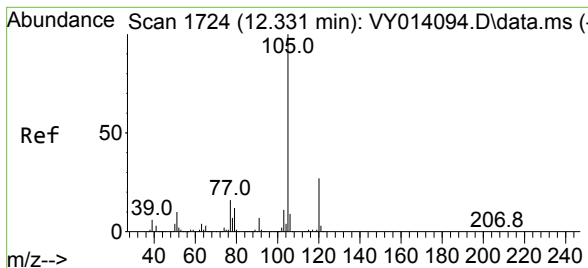
Tgt Ion:173 Resp: 38836
Ion Ratio Lower Upper
173 100
175 49.9 24.6 73.8
254 0.0 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY014181.D
Acq: 15 Jun 2023 11:57

Tgt Ion:152 Resp: 146411
Ion Ratio Lower Upper
152 100
115 56.5 28.8 86.5
150 163.8 0.0 348.8





#73

Isopropylbenzene

Concen: 21.693 ug/l

RT: 12.331 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY014181.D

Acq: 15 Jun 2023 11:57

Instrument :

MSVOA_Y

ClientSampleId :

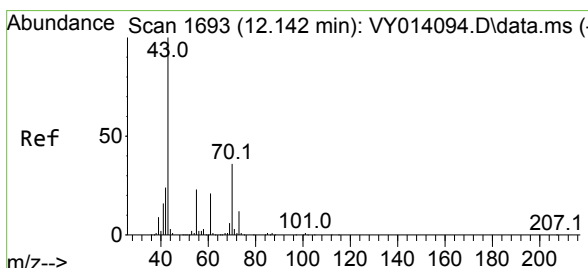
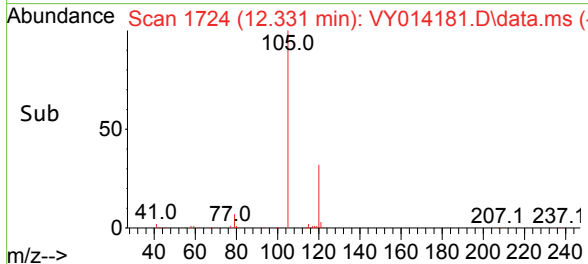
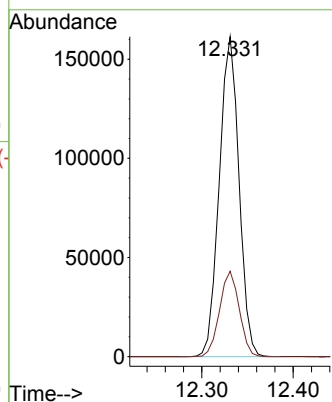
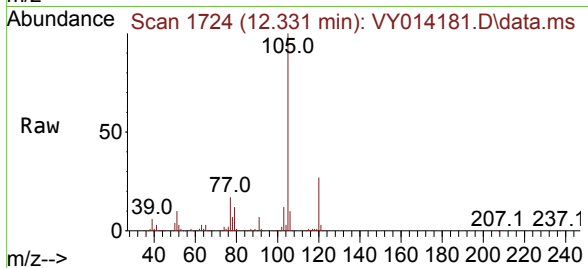
VY0615SBS01

Tgt Ion:105 Resp: 242289

Ion Ratio Lower Upper

105 100

120 26.6 13.3 39.9



#74

N-ethyl acetate

Concen: 20.436 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY014181.D

Acq: 15 Jun 2023 11:57

Tgt Ion: 43 Resp: 72331

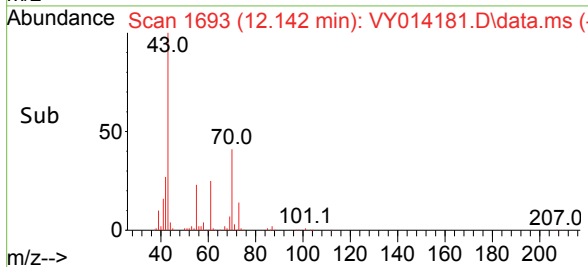
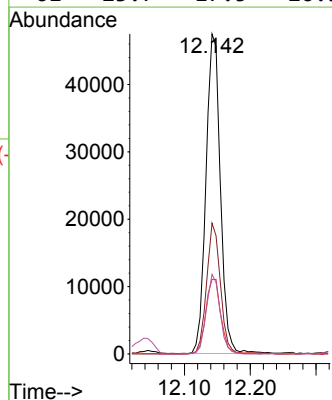
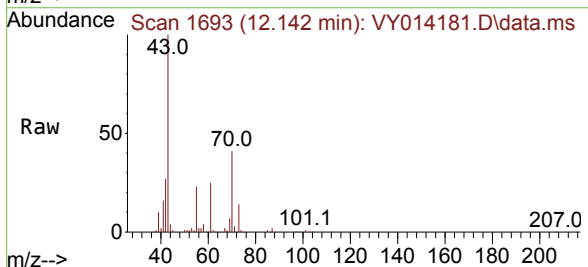
Ion Ratio Lower Upper

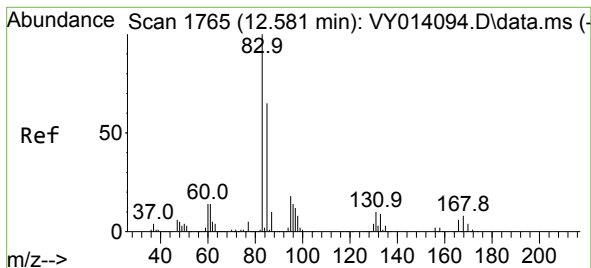
43 100

70 39.0 29.7 44.5

55 24.8 18.3 27.5

61 23.7 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 21.016 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. -0.000 min

Lab File: VY014181.D

Acq: 15 Jun 2023 11:57

Instrument :

MSVOA_Y

ClientSampleId :

VY0615SBS01

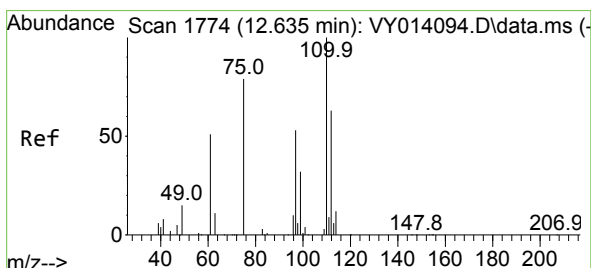
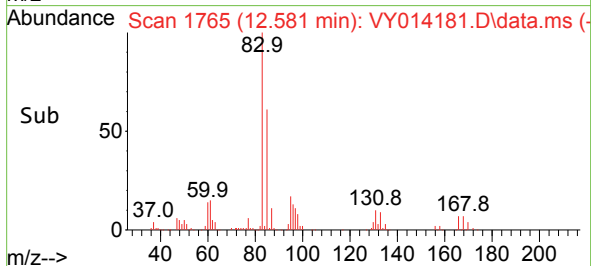
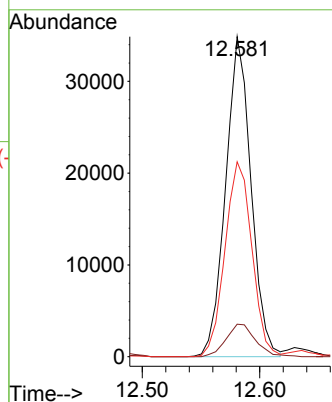
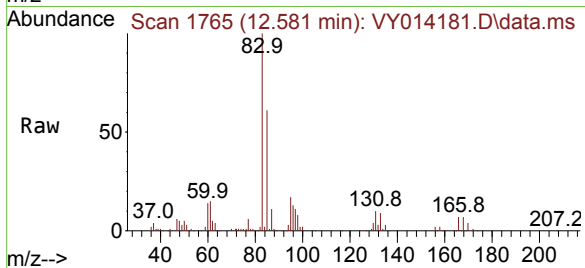
Tgt Ion: 83 Resp: 52451

Ion Ratio Lower Upper

83 100

131 11.8 5.4 16.2

85 64.4 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 38.098 ug/l

RT: 12.630 min Scan# 1773

Delta R.T. -0.005 min

Lab File: VY014181.D

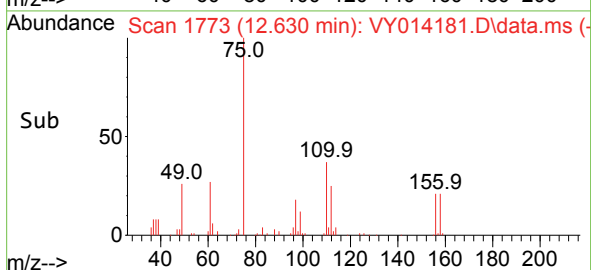
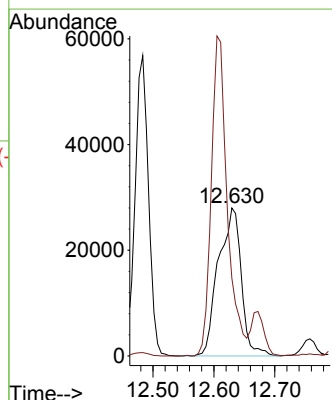
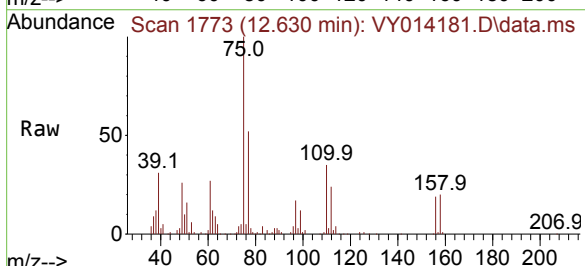
Acq: 15 Jun 2023 11:57

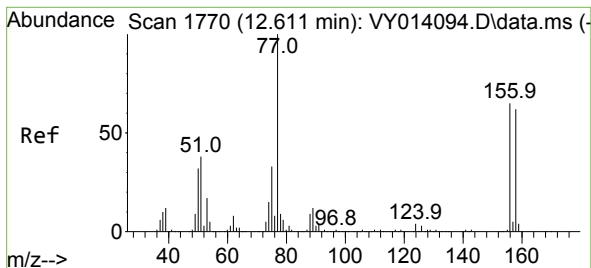
Tgt Ion: 75 Resp: 73182

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 21.422 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.000 min

Lab File: VY014181.D

Acq: 15 Jun 2023 11:57

Instrument :

MSVOA_Y

ClientSampleId :

VY0615SBS01

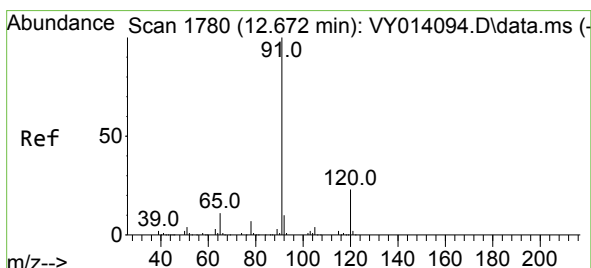
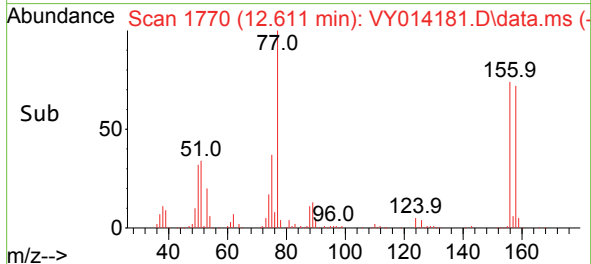
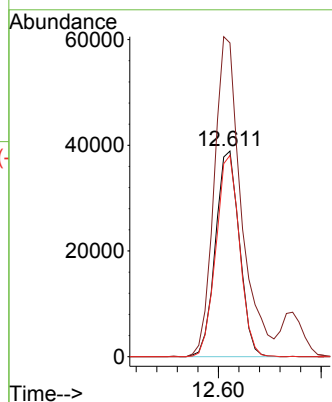
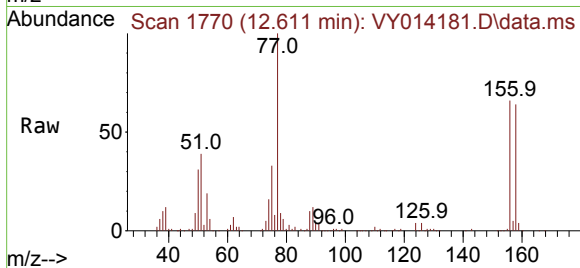
Tgt Ion:156 Resp: 62887

Ion Ratio Lower Upper

156 100

77 176.2 92.8 278.6

158 96.7 48.4 145.3



#78

n-propylbenzene

Concen: 21.935 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY014181.D

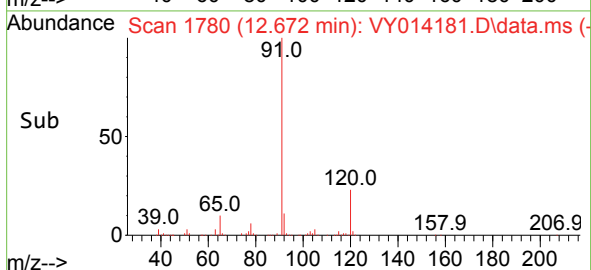
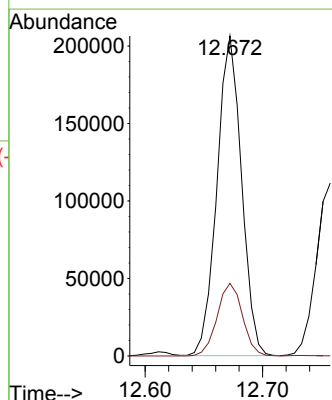
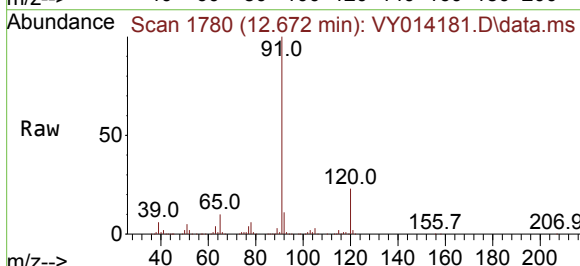
Acq: 15 Jun 2023 11:57

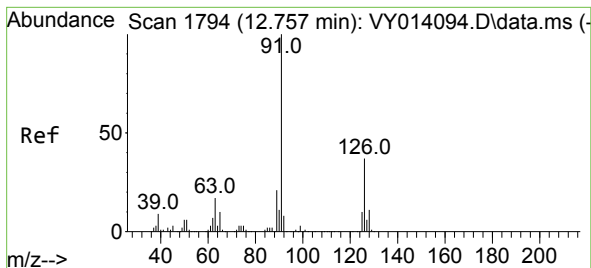
Tgt Ion: 91 Resp: 299237

Ion Ratio Lower Upper

91 100

120 23.4 11.5 34.4

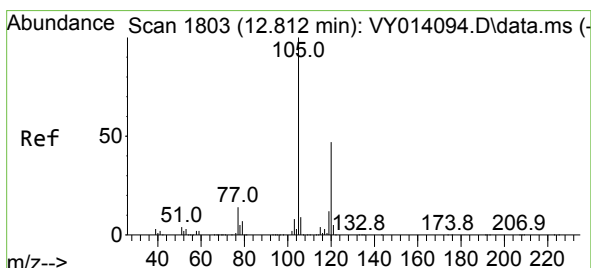
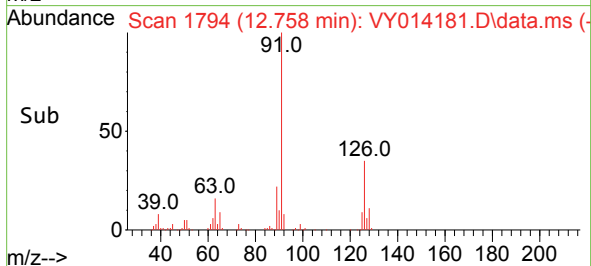
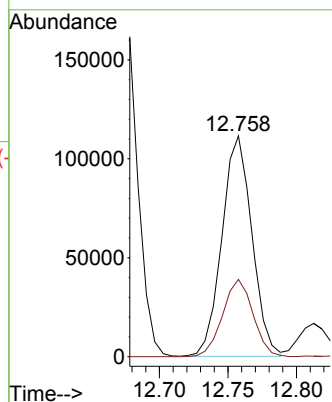
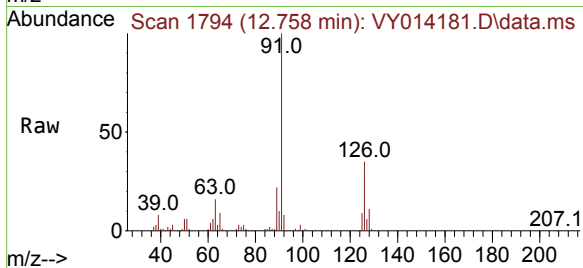




#79
2-Chlorotoluene
Concen: 21.639 ug/l
RT: 12.758 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY014181.D
Acq: 15 Jun 2023 11:57

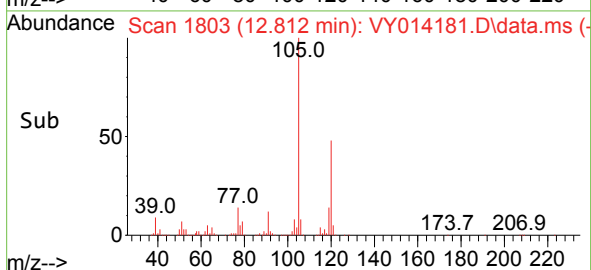
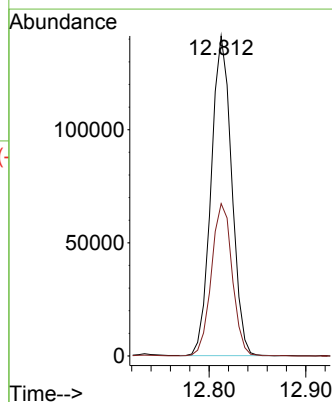
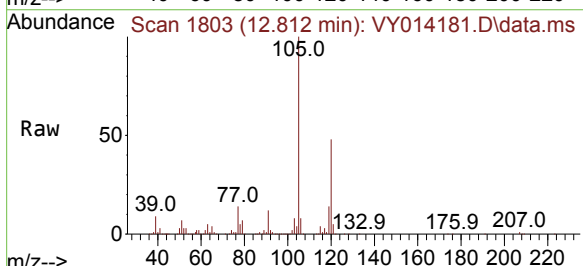
Instrument :
MSVOA_Y
ClientSampleId :
VY0615SBS01

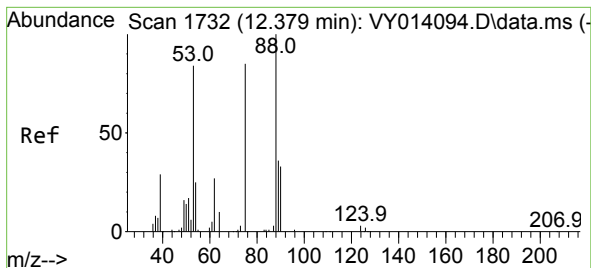
Tgt Ion: 91 Resp: 169861
Ion Ratio Lower Upper
91 100
126 35.4 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 21.840 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY014181.D
Acq: 15 Jun 2023 11:57

Tgt Ion: 105 Resp: 208865
Ion Ratio Lower Upper
105 100
120 48.3 23.9 71.7

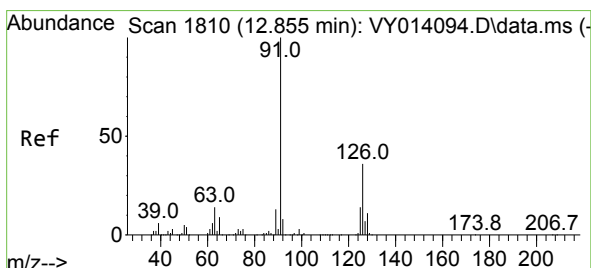
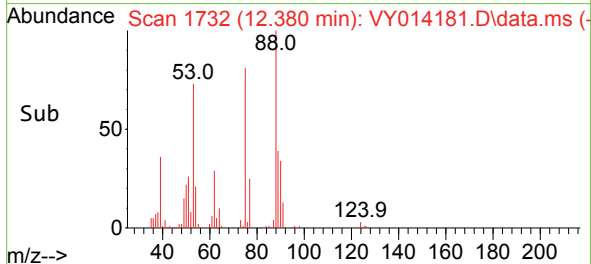
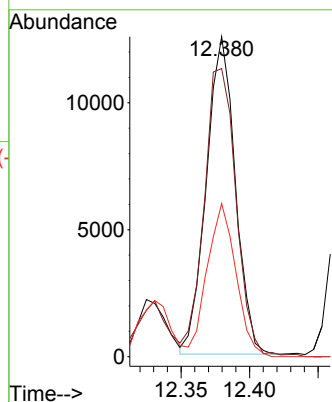
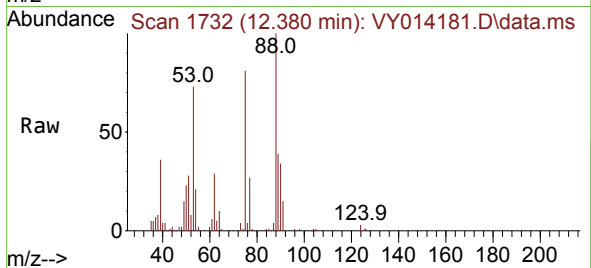




#81
trans-1,4-Dichloro-2-butene
Concen: 20.682 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.001 min
Lab File: VY014181.D
Acq: 15 Jun 2023 11:57

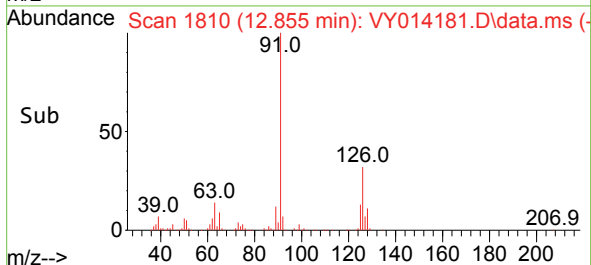
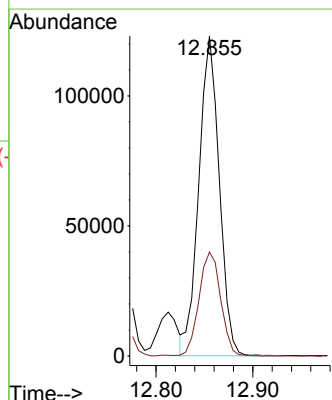
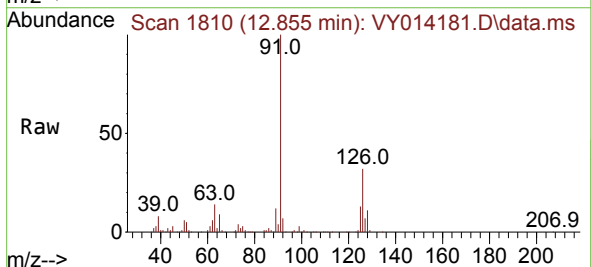
Instrument :
MSVOA_Y
ClientSampleId :
VY0615SBSD01

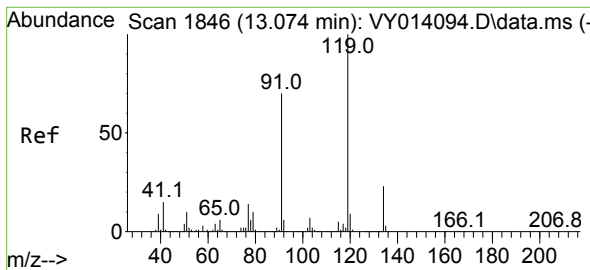
Tgt Ion: 75 Resp: 18379
Ion Ratio Lower Upper
75 100
53 100.4 77.8 116.8
89 47.7 37.4 56.0



#82
4-Chlorotoluene
Concen: 21.736 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY014181.D
Acq: 15 Jun 2023 11:57

Tgt Ion: 91 Resp: 180807
Ion Ratio Lower Upper
91 100
126 34.5 17.2 51.6





#83

tert-Butylbenzene

Concen: 21.856 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. 0.001 min

Lab File: VY014181.D

Acq: 15 Jun 2023 11:57

Instrument :

MSVOA_Y

ClientSampleId :

VY0615SBSD01

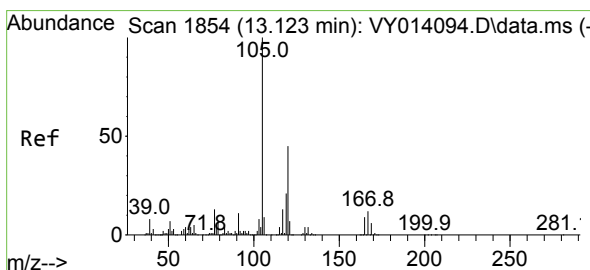
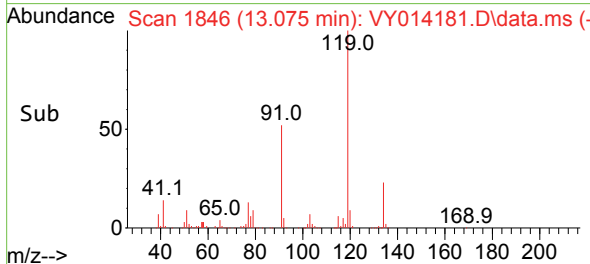
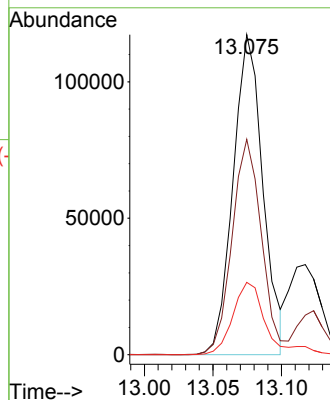
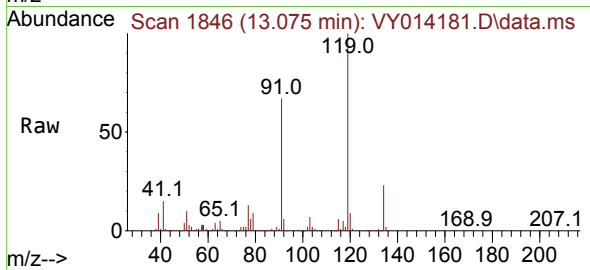
Tgt Ion:119 Resp: 177628

Ion Ratio Lower Upper

119 100

91 67.0 32.9 98.6

134 25.2 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 22.297 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.000 min

Lab File: VY014181.D

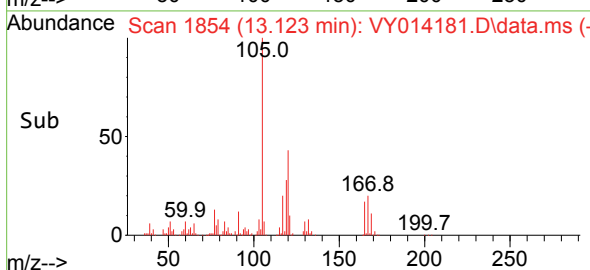
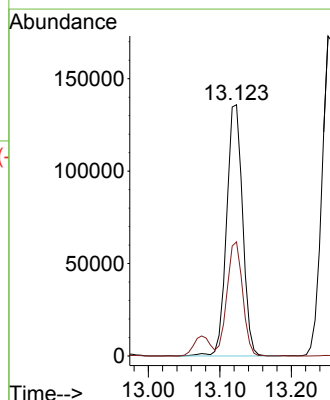
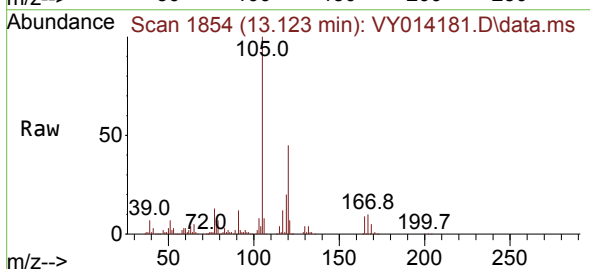
Acq: 15 Jun 2023 11:57

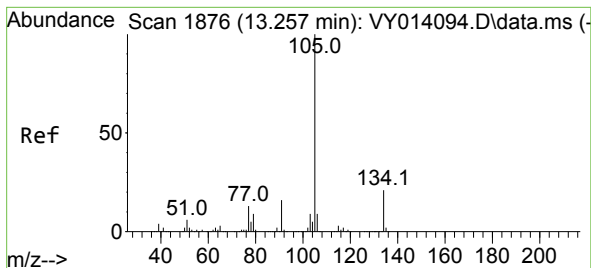
Tgt Ion:105 Resp: 211080

Ion Ratio Lower Upper

105 100

120 44.4 22.2 66.6





#85

sec-Butylbenzene

Concen: 22.338 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. -0.006 min

Lab File: VY014181.D

Acq: 15 Jun 2023 11:57

Instrument :

MSVOA_Y

ClientSampleId :

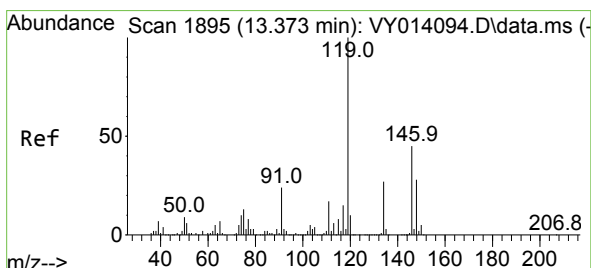
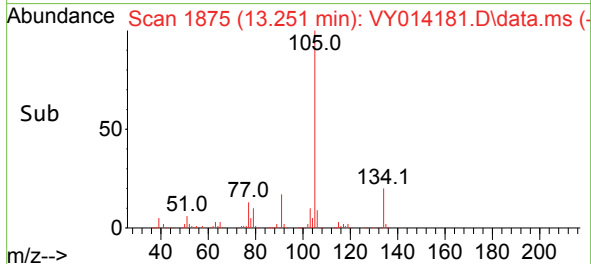
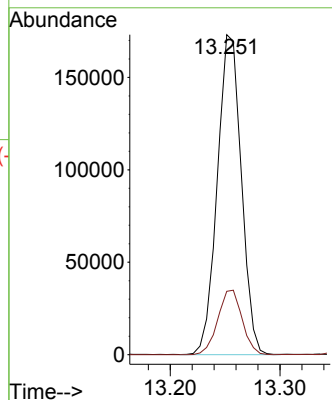
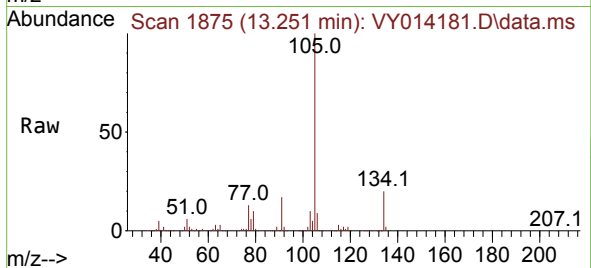
VY0615SBS01

Tgt Ion:105 Resp: 263937

Ion Ratio Lower Upper

105 100

134 20.4 10.2 30.6



#86

p-Isopropyltoluene

Concen: 22.179 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.006 min

Lab File: VY014181.D

Acq: 15 Jun 2023 11:57

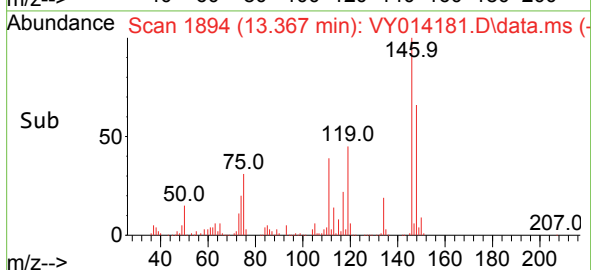
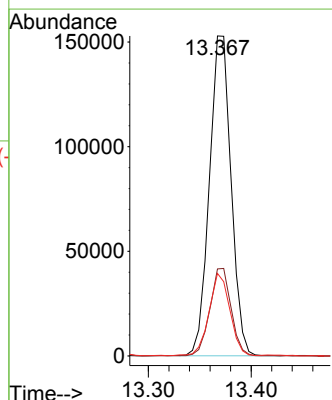
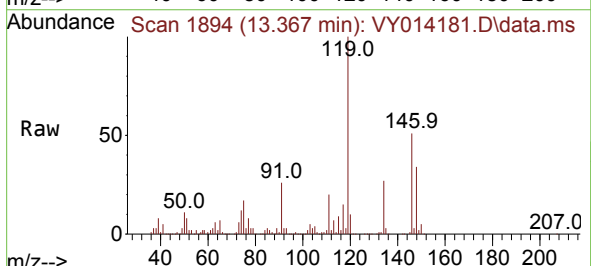
Tgt Ion:119 Resp: 224285

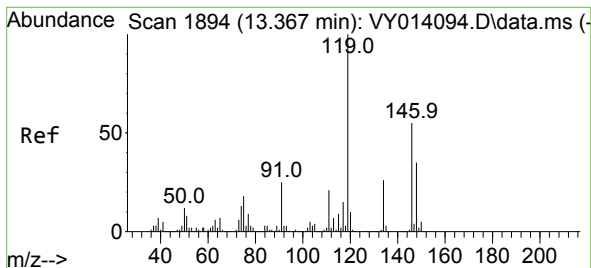
Ion Ratio Lower Upper

119 100

134 26.7 13.3 39.8

91 24.7 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 22.102 ug/l

RT: 13.367 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY014181.D

Acq: 15 Jun 2023 11:57

Instrument :

MSVOA_Y

ClientSampleId :

VY0615SBS01

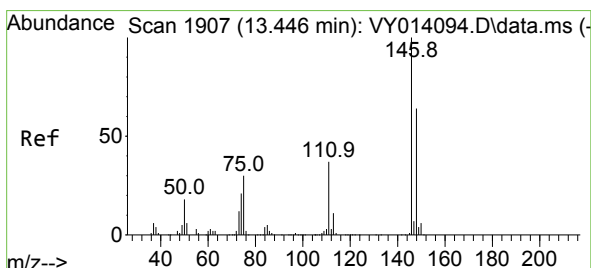
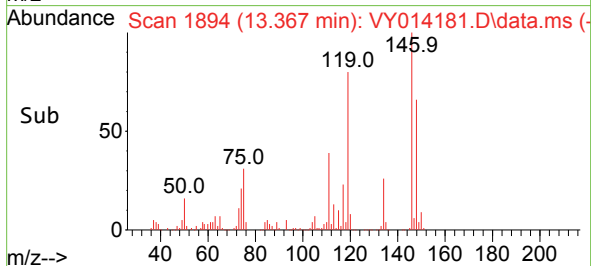
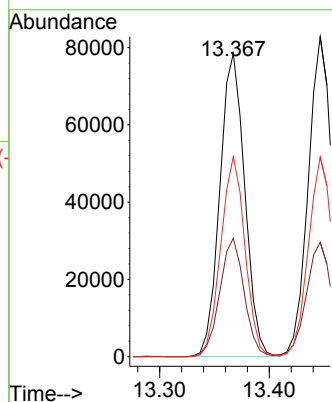
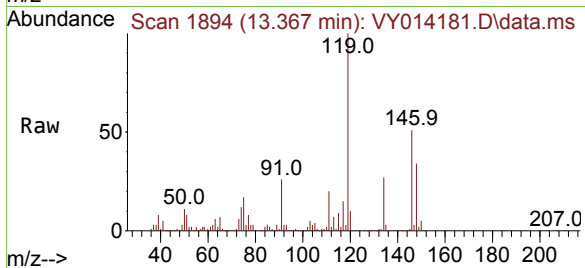
Tgt Ion:146 Resp: 123881

Ion Ratio Lower Upper

146 100

111 38.3 19.4 58.2

148 64.1 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 22.398 ug/l

RT: 13.447 min Scan# 1907

Delta R.T. 0.001 min

Lab File: VY014181.D

Acq: 15 Jun 2023 11:57

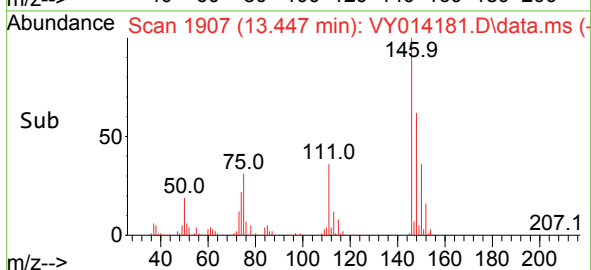
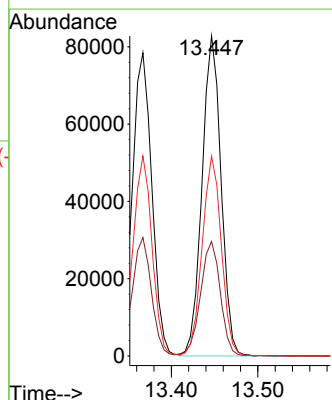
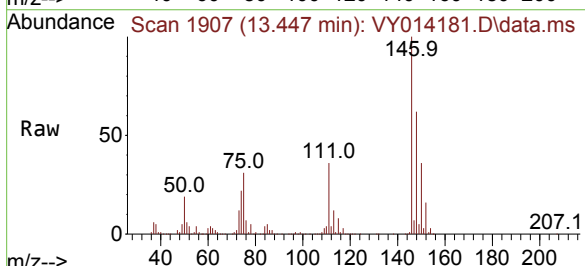
Tgt Ion:146 Resp: 126486

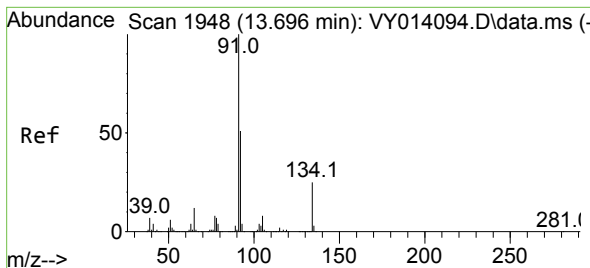
Ion Ratio Lower Upper

146 100

111 37.1 18.9 56.7

148 63.0 32.1 96.5





#89

n-Butylbenzene

Concen: 22.005 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY014181.D

Acq: 15 Jun 2023 11:57

Instrument :

MSVOA_Y

ClientSampleId :

VY0615SBS01

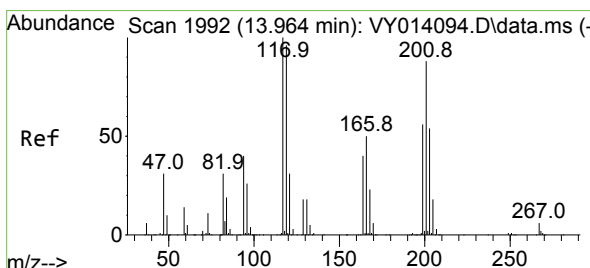
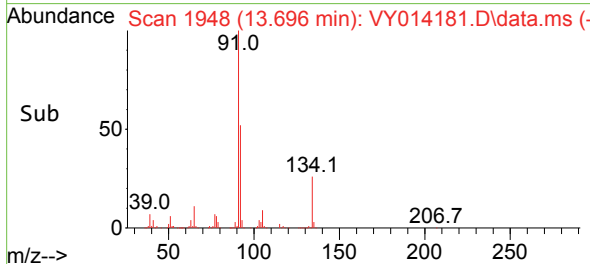
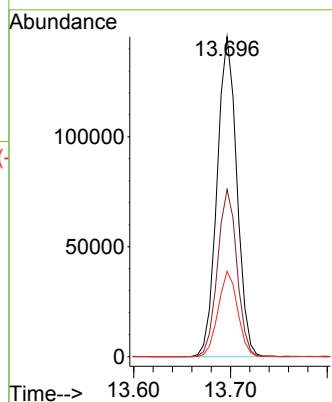
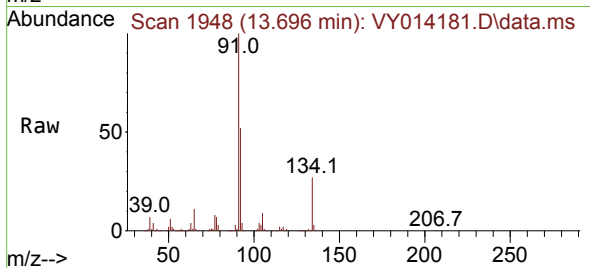
Tgt Ion: 91 Resp: 206393

Ion Ratio Lower Upper

91 100

92 51.3 25.4 76.0

134 26.3 12.6 37.6



#90

Hexachloroethane

Concen: 22.135 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. -0.005 min

Lab File: VY014181.D

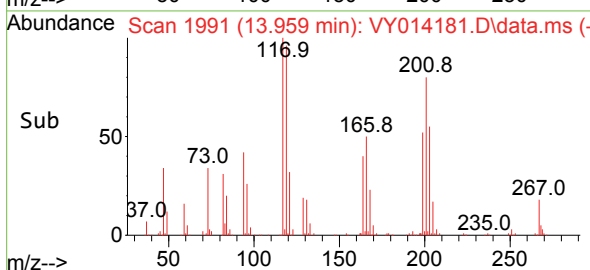
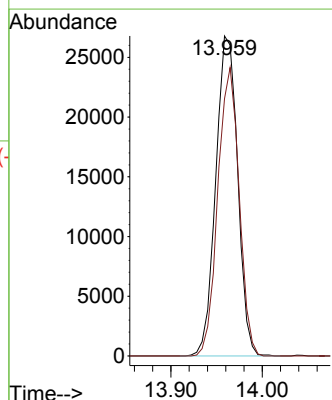
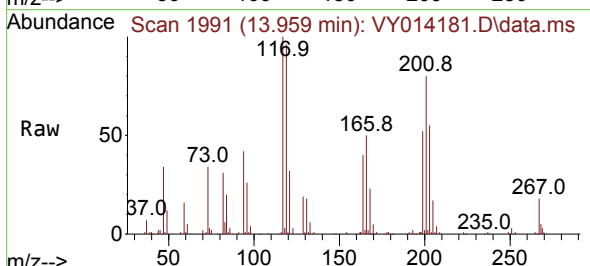
Acq: 15 Jun 2023 11:57

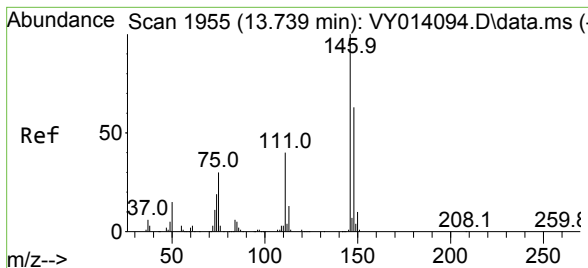
Tgt Ion: 117 Resp: 44602

Ion Ratio Lower Upper

117 100

201 87.6 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 22.251 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY014181.D

Acq: 15 Jun 2023 11:57

Instrument :

MSVOA_Y

ClientSampleId :

VY0615SBS01

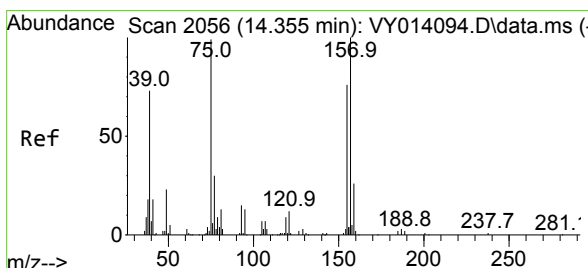
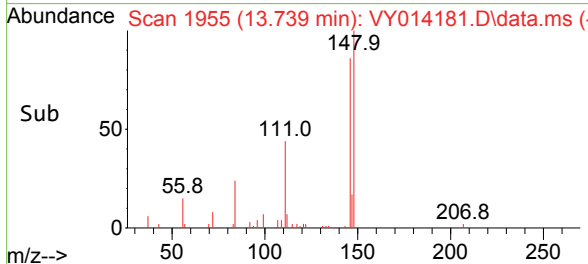
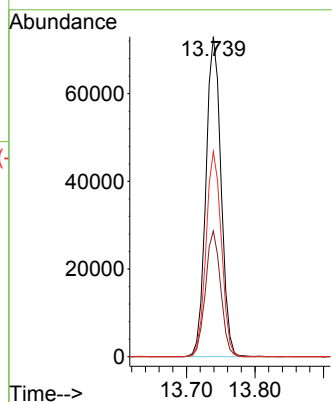
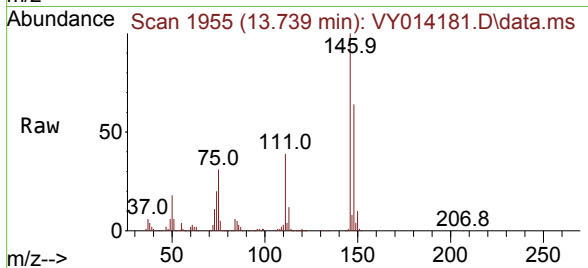
Tgt Ion:146 Resp: 112012

Ion Ratio Lower Upper

146 100

111 39.6 19.7 59.0

148 65.1 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.900 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VY014181.D

Acq: 15 Jun 2023 11:57

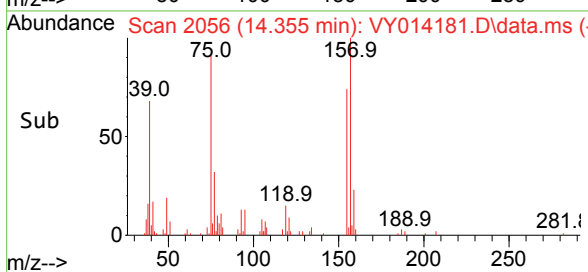
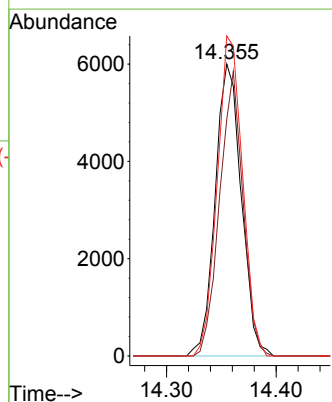
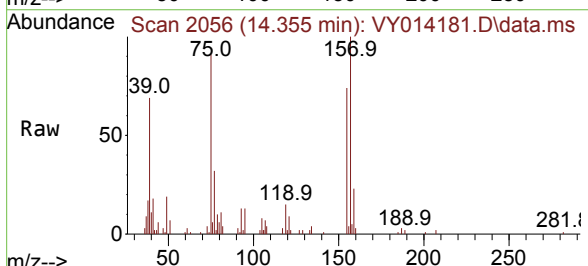
Tgt Ion: 75 Resp: 9933

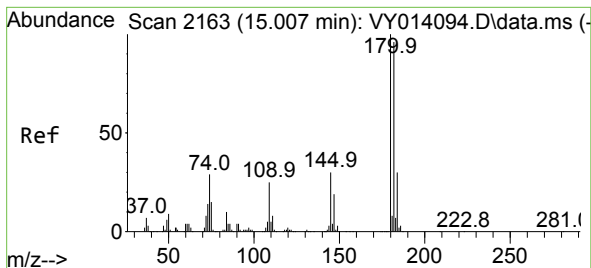
Ion Ratio Lower Upper

75 100

155 87.2 41.5 124.6

157 106.2 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 22.147 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY014181.D

Acq: 15 Jun 2023 11:57

Instrument :

MSVOA_Y

ClientSampleId :

VY0615SBS01

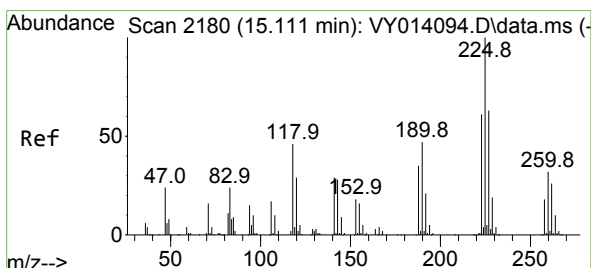
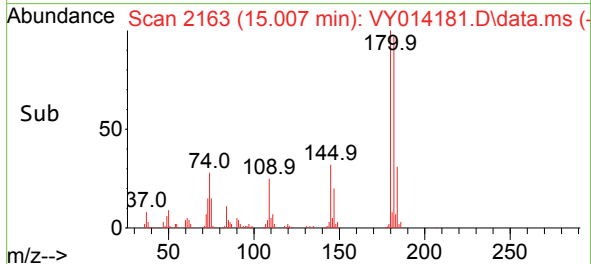
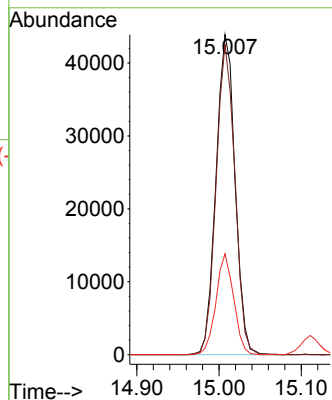
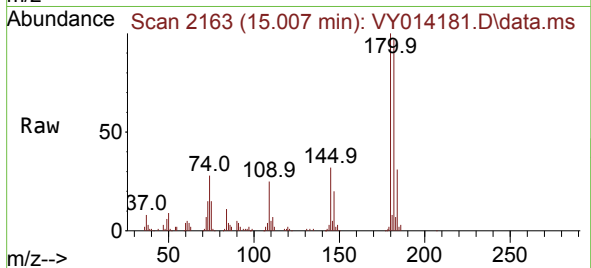
Tgt Ion:180 Resp: 70627

Ion Ratio Lower Upper

180 100

182 95.5 47.0 141.2

145 29.3 14.5 43.5



#94

Hexachlorobutadiene

Concen: 23.158 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY014181.D

Acq: 15 Jun 2023 11:57

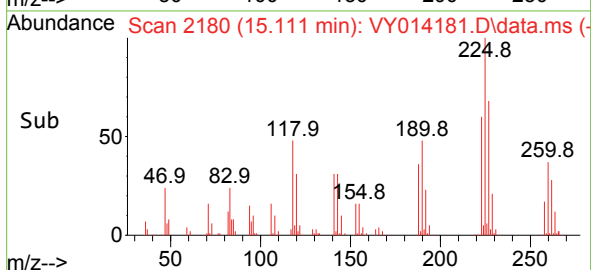
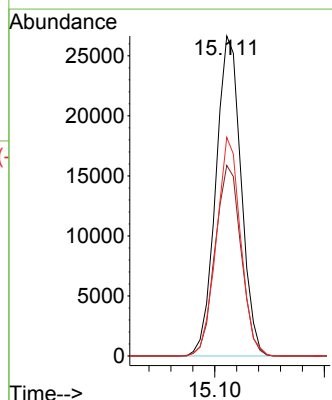
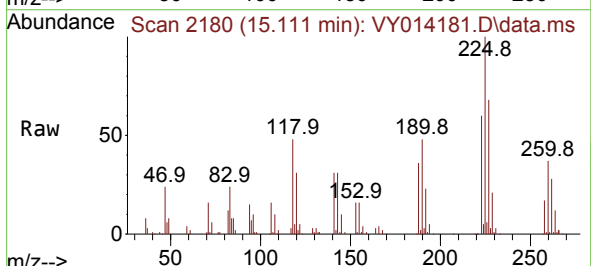
Tgt Ion:225 Resp: 42636

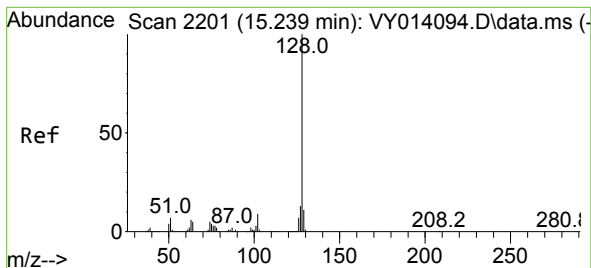
Ion Ratio Lower Upper

225 100

223 61.2 31.9 95.9

227 65.6 33.0 98.9





#95

Naphthalene

Concen: 20.996 ug/l

RT: 15.239 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY014181.D

Acq: 15 Jun 2023 11:57

Instrument :

MSVOA_Y

ClientSampleId :

VY0615SBS01

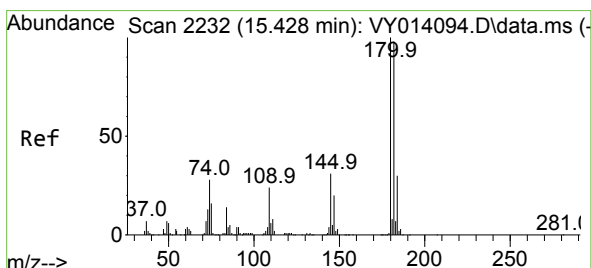
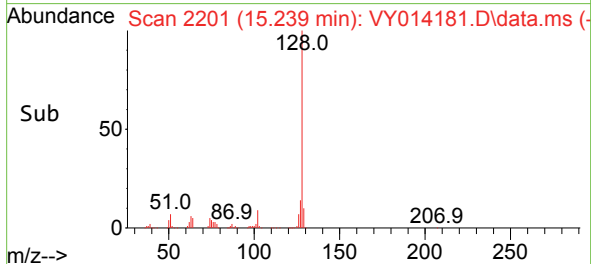
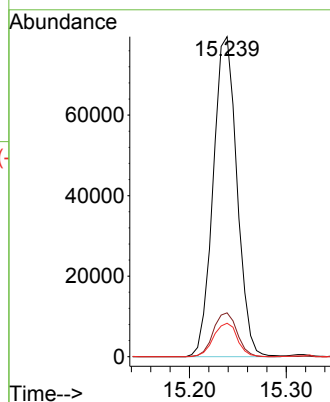
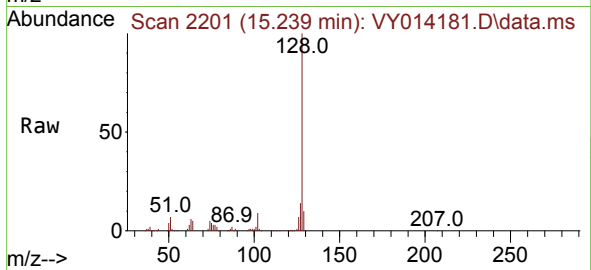
Tgt Ion:128 Resp: 135906

Ion Ratio Lower Upper

128 100

127 13.8 10.8 16.2

129 10.5 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 22.078 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. -0.000 min

Lab File: VY014181.D

Acq: 15 Jun 2023 11:57

Tgt Ion:180 Resp: 63620

Ion Ratio Lower Upper

180 100

182 93.5 47.3 141.8

145 31.1 15.4 46.2

