

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040723\
 Data File : VY013226.D
 Acq On : 07 Apr 2023 19:40
 Operator : KP/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY040723

Quant Time: Apr 08 02:33:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y040723S.M
 Quant Title : SW846 8260
 QLast Update : Sat Apr 08 02:16:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	80328	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	124626	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	114374	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	62292	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	51610	49.569	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.140%
35) Dibromofluoromethane	7.710	113	42239	48.359	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.720%
50) Toluene-d8	10.179	98	157684	50.891	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.780%
62) 4-Bromofluorobenzene	12.477	95	55582	51.969	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	103.940%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.900	85	35456	46.280	ug/l	100
3) Chloromethane	2.107	50	48149	49.855	ug/l	99
4) Vinyl Chloride	2.247	62	46430	51.126	ug/l	99
5) Bromomethane	2.643	94	30575	54.984	ug/l	95
6) Chloroethane	2.790	64	33475	48.111	ug/l	100
7) Trichlorofluoromethane	3.119	101	67817	48.878	ug/l	97
8) Diethyl Ether	3.527	74	24420	47.522	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.893	101	39163	47.307	ug/l	98
10) Methyl Iodide	4.088	142	50564	54.141	ug/l	95
11) Tert butyl alcohol	4.948	59	40516	220.853	ug/l	96
12) 1,1-Dichloroethene	3.863	96	35702	47.381	ug/l	97
13) Acrolein	3.723	56	21871	231.217	ug/l	99
14) Allyl chloride	4.472	41	74557	48.205	ug/l	92
15) Acrylonitrile	5.155	53	82838	254.773	ug/l	99
16) Acetone	3.942	43	90799	241.975	ug/l	95
17) Carbon Disulfide	4.186	76	103875	47.265	ug/l	99
18) Methyl Acetate	4.472	43	62795	49.879	ug/l	98
19) Methyl tert-butyl Ether	5.216	73	131976	51.726	ug/l	99
20) Methylene Chloride	4.710	84	48606	50.421	ug/l	93
21) trans-1,2-Dichloroethene	5.210	96	43467	48.923	ug/l	95
22) Diisopropyl ether	6.112	45	170661	53.086	ug/l	94
23) Vinyl Acetate	6.051	43	541699	267.962	ug/l	98
24) 1,1-Dichloroethane	6.009	63	82800	48.319	ug/l	98
25) 2-Butanone	6.978	43	130031	252.810	ug/l	91
26) 2,2-Dichloropropane	6.978	77	75706	47.800	ug/l	96
27) cis-1,2-Dichloroethene	6.978	96	51157	50.593	ug/l	96
28) Bromochloromethane	7.326	49	40464	51.125	ug/l	94
29) Tetrahydrofuran	7.338	42	82963	268.156	ug/l	97
30) Chloroform	7.502	83	87259	49.634	ug/l	98
31) Cyclohexane	7.783	56	67618	46.547	ug/l	96
32) 1,1,1-Trichloroethane	7.697	97	77397	49.525	ug/l	97
36) 1,1-Dichloropropene	7.911	75	62948	49.120	ug/l	98
37) Ethyl Acetate	7.070	43	55206	51.332	ug/l	97
38) Carbon Tetrachloride	7.899	117	71113	48.428	ug/l	99
39) Methylcyclohexane	9.179	83	70555	49.497	ug/l	94
40) Benzene	8.155	78	187633	49.539	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	77706	191.394	ug/l #	100
42) 1,2-Dichloroethane	8.234	62	66532	50.521	ug/l	97
43) Isopropyl Acetate	8.271	43	97867	51.826	ug/l	95
44) Trichloroethene	8.935	130	46585	47.838	ug/l	96
45) 1,2-Dichloropropane	9.215	63	48548	48.929	ug/l	95
46) Dibromomethane	9.301	93	29926	49.544	ug/l	97
47) Bromodichloromethane	9.490	83	69520	49.260	ug/l	99
48) Methyl methacrylate	9.289	41	43397	52.406	ug/l	91
49) 1,4-Dioxane	9.295	88	9075	1121.918	ug/l	95
51) 4-Methyl-2-Pentanone	10.069	43	284258	268.641	ug/l	97
52) Toluene	10.240	92	118692	51.547	ug/l	98
53) t-1,3-Dichloropropene	10.459	75	73687	49.875	ug/l	98
54) cis-1,3-Dichloropropene	9.923	75	78727	49.556	ug/l	93
55) 1,1,2-Trichloroethane	10.642	97	40020	49.063	ug/l	99
56) Ethyl methacrylate	10.508	69	60296	54.122	ug/l	92
57) 1,3-Dichloropropane	10.788	76	69216	49.232	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.776	63	138128	262.148	ug/l	99
59) 2-Hexanone	10.825	43	206665	270.952	ug/l	96
60) Dibromochloromethane	10.977	129	50584	49.983	ug/l	99
61) 1,2-Dibromoethane	11.087	107	39835	50.538	ug/l	99
64) Tetrachloroethene	10.715	164	41343	47.952	ug/l	99
65) Chlorobenzene	11.514	112	129362	49.682	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	50672	49.811	ug/l	98
67) Ethyl Benzene	11.587	91	229834	51.253	ug/l	98
68) m/p-Xylenes	11.697	106	176616	102.979	ug/l	99
69) o-Xylene	12.026	106	83883	52.305	ug/l	98
70) Styrene	12.038	104	144788	52.671	ug/l	98
71) Bromoform	12.203	173	35558	50.241	ug/l #	100
73) Isopropylbenzene	12.325	105	225243	49.754	ug/l	100
74) N-amyl acetate	12.142	43	88075	52.640	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.581	83	56242	48.737	ug/l	100
76) 1,2,3-Trichloropropane	12.630	75	75369	87.778	ug/l #	100
77) Bromobenzene	12.605	156	54780	48.319	ug/l	98
78) n-propylbenzene	12.666	91	278274	50.108	ug/l	100
79) 2-Chlorotoluene	12.751	91	155983	49.328	ug/l	99
80) 1,3,5-Trimethylbenzene	12.806	105	191128	50.979	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.373	75	20476	49.759	ug/l	94
82) 4-Chlorotoluene	12.855	91	165040	50.039	ug/l	99
83) tert-Butylbenzene	13.075	119	168876	51.128	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	186741	51.010	ug/l	100
85) sec-Butylbenzene	13.251	105	247147	50.863	ug/l	99
86) p-Isopropyltoluene	13.367	119	207746	51.483	ug/l	99
87) 1,3-Dichlorobenzene	13.361	146	110089	49.264	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	109253	48.070	ug/l	98
89) n-Butylbenzene	13.696	91	193841	50.692	ug/l	99
90) Hexachloroethane	13.959	117	40756	47.523	ug/l	99
91) 1,2-Dichlorobenzene	13.733	146	100431	48.965	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	10121	47.156	ug/l	98
93) 1,2,4-Trichlorobenzene	15.007	180	60576	49.344	ug/l	98
94) Hexachlorobutadiene	15.111	225	33997	46.197	ug/l	98
95) Naphthalene	15.233	128	140678	51.908	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	56522	49.517	ug/l	99

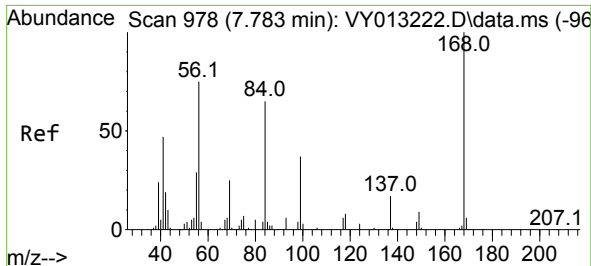
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Response via : Initial Calibration

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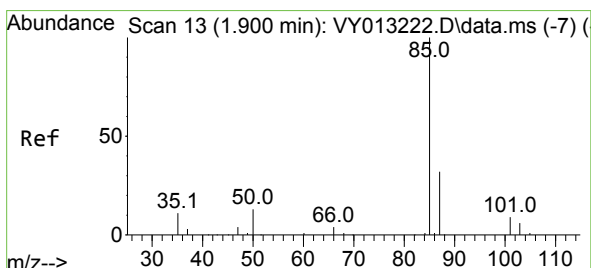
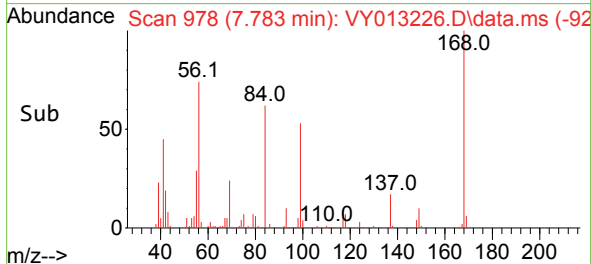
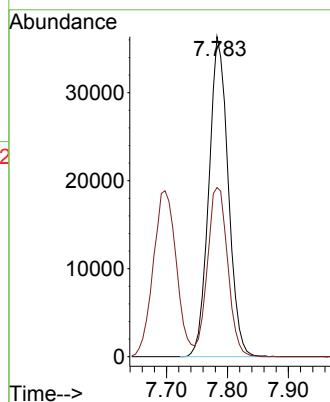
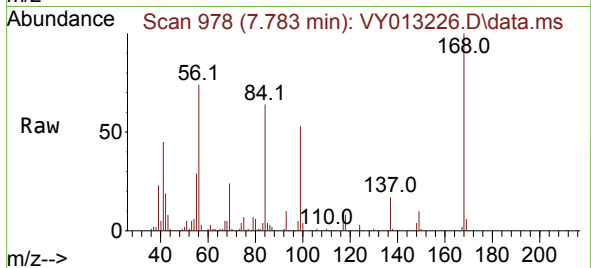
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013226.D
Acq: 07 Apr 2023 19:40

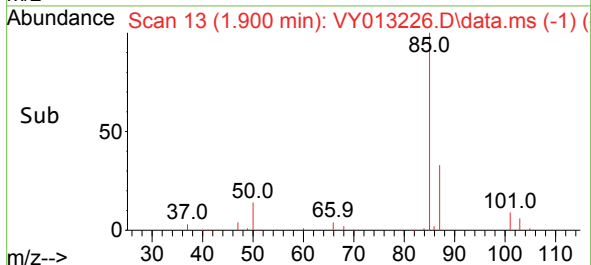
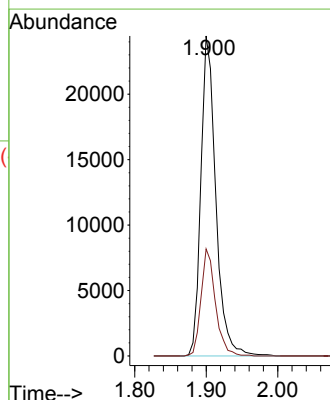
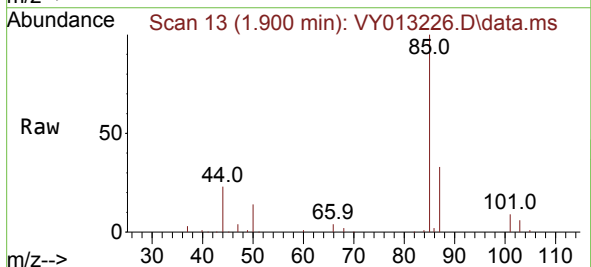
Instrument :
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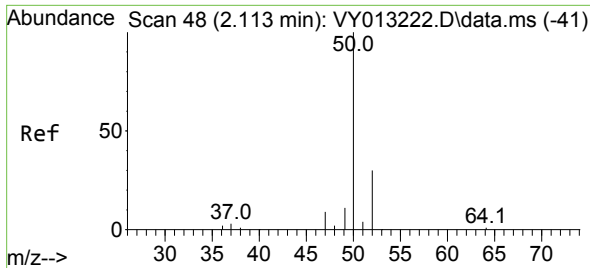
Tgt Ion:168 Resp: 80328
Ion Ratio Lower Upper
168 100
99 52.9 41.7 62.5



#2
Dichlorodifluoromethane
Concen: 46.280 ug/l
RT: 1.900 min Scan# 13
Delta R.T. 0.000 min
Lab File: VY013226.D
Acq: 07 Apr 2023 19:40

Tgt Ion: 85 Resp: 35456
Ion Ratio Lower Upper
85 100
87 33.5 16.7 50.0

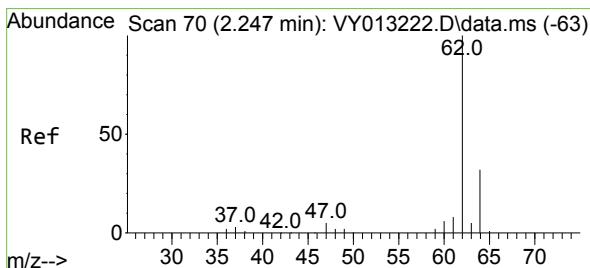
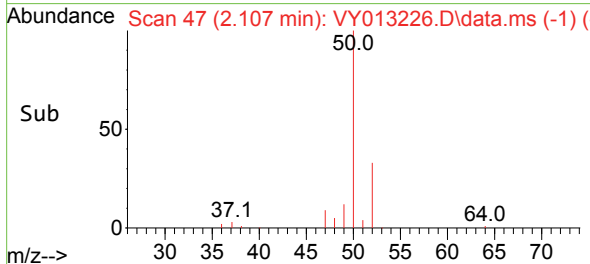
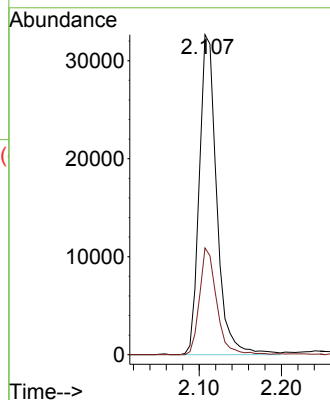
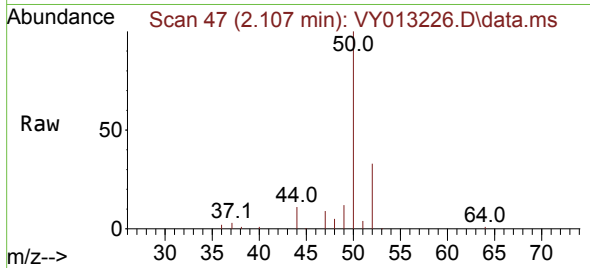




#3
Chloromethane
Concen: 49.855 ug/l
RT: 2.107 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY013226.D
Acq: 07 Apr 2023 19:40

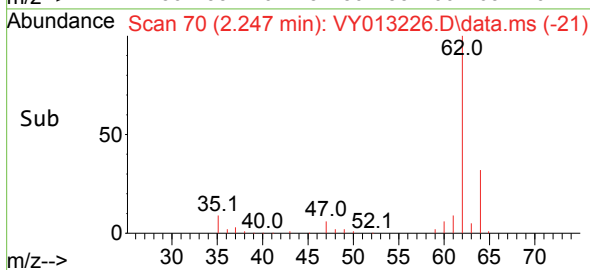
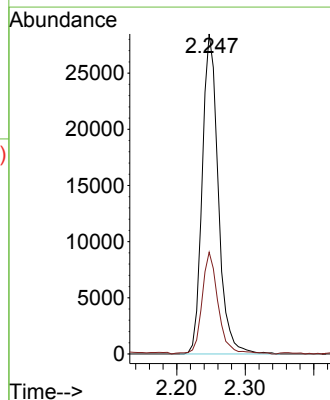
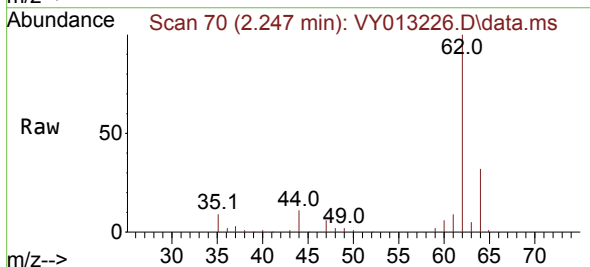
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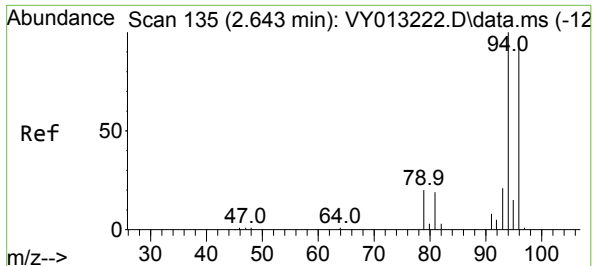
Tgt Ion: 50 Resp: 48149
Ion Ratio Lower Upper
50 100
52 33.3 26.0 39.0



#4
Vinyl Chloride
Concen: 51.126 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.000 min
Lab File: VY013226.D
Acq: 07 Apr 2023 19:40

Tgt Ion: 62 Resp: 46430
Ion Ratio Lower Upper
62 100
64 31.5 25.6 38.4

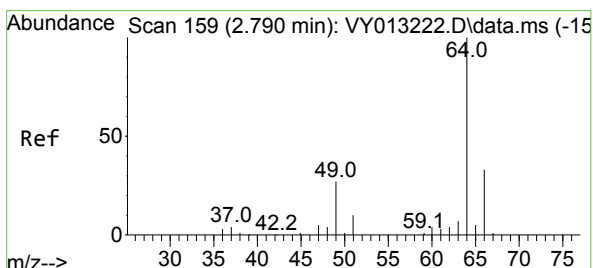
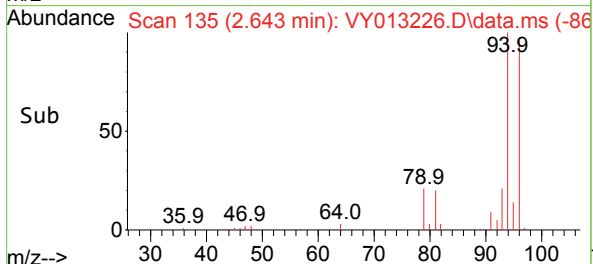
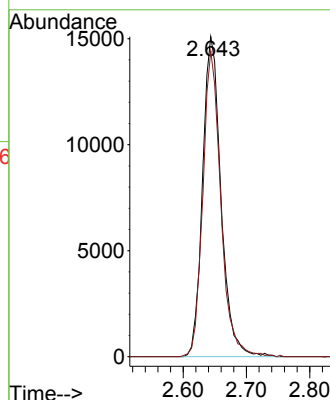
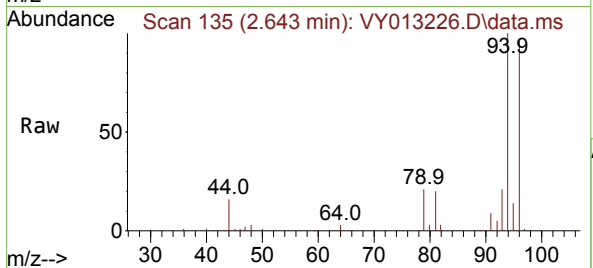




#5
Bromomethane
Concen: 54.984 ug/l
RT: 2.643 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013226.D
Acq: 07 Apr 2023 19:40

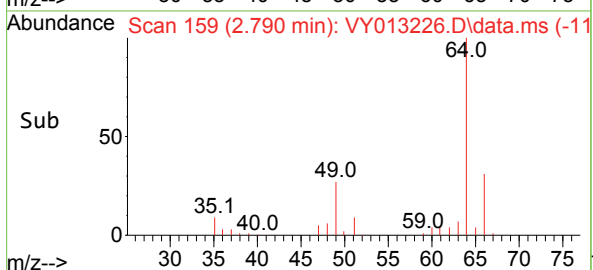
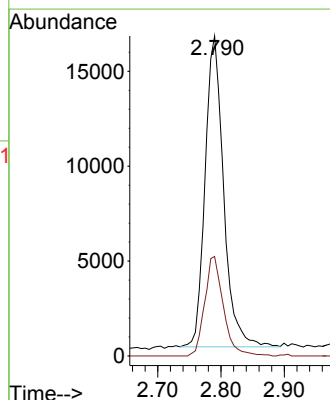
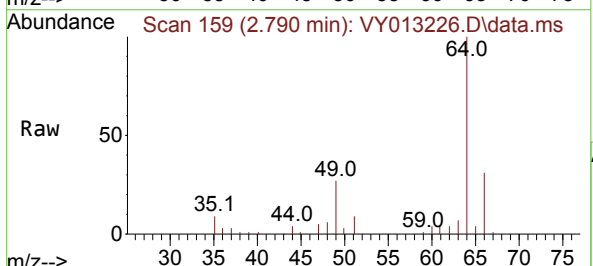
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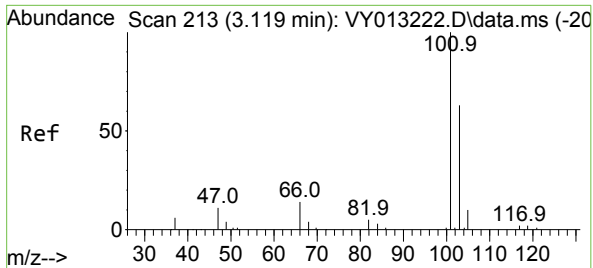
Tgt Ion: 94 Resp: 30575
Ion Ratio Lower Upper
94 100
96 95.5 80.3 120.5



#6
Chloroethane
Concen: 48.111 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.000 min
Lab File: VY013226.D
Acq: 07 Apr 2023 19:40

Tgt Ion: 64 Resp: 33475
Ion Ratio Lower Upper
64 100
66 32.0 25.7 38.5

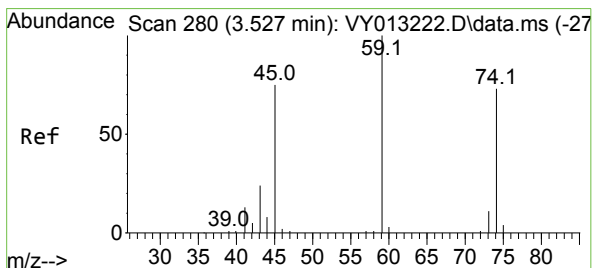
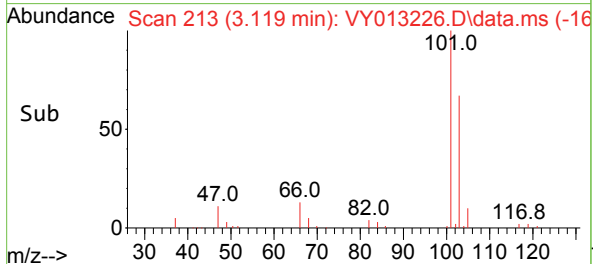
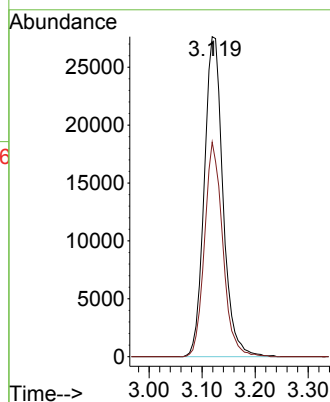
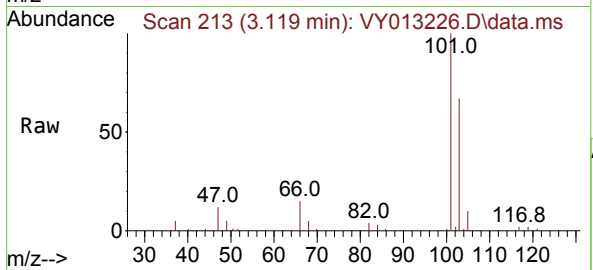




#7
 Trichlorofluoromethane
 Concen: 48.878 ug/l
 RT: 3.119 min Scan# 213
 Delta R.T. 0.000 min
 Lab File: VY013226.D
 Acq: 07 Apr 2023 19:40

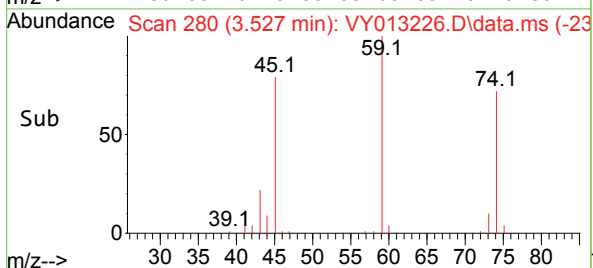
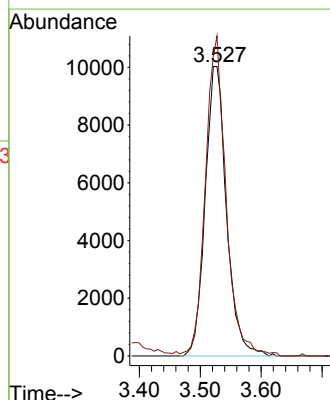
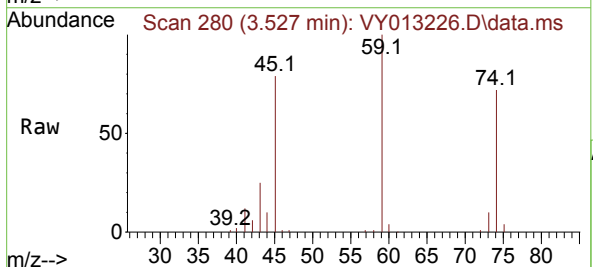
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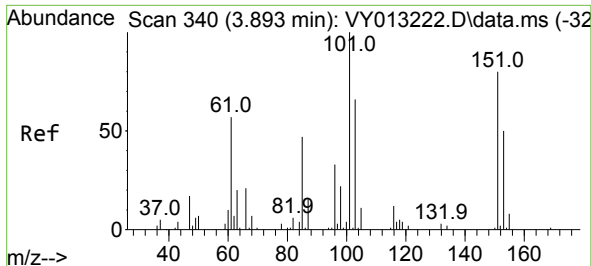
Tgt Ion: 101 Resp: 67817
 Ion Ratio Lower Upper
 101 100
 103 67.0 51.5 77.3



#8
 Diethyl Ether
 Concen: 47.522 ug/l
 RT: 3.527 min Scan# 280
 Delta R.T. 0.000 min
 Lab File: VY013226.D
 Acq: 07 Apr 2023 19:40

Tgt Ion: 74 Resp: 24420
 Ion Ratio Lower Upper
 74 100
 45 107.0 52.1 156.4

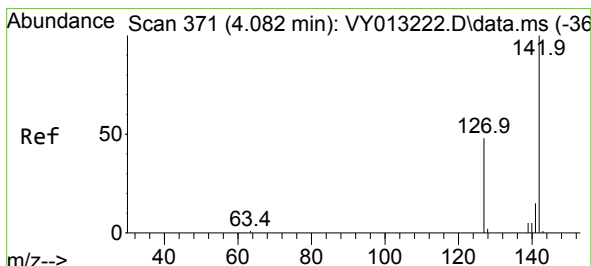
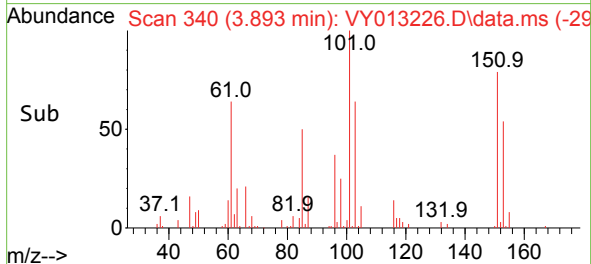
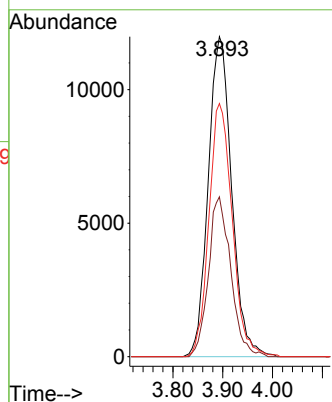
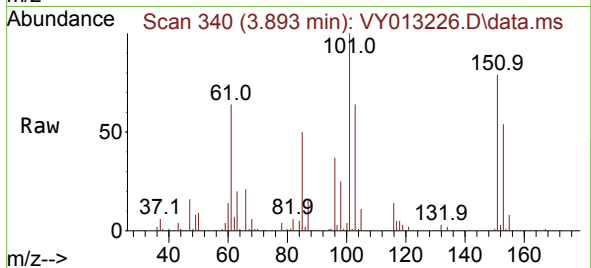




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 47.307 ug/l
 RT: 3.893 min Scan# 340
 Delta R.T. 0.000 min
 Lab File: VY013226.D
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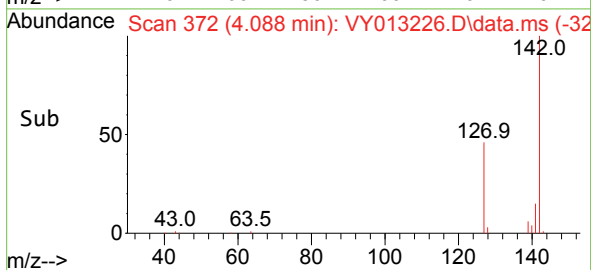
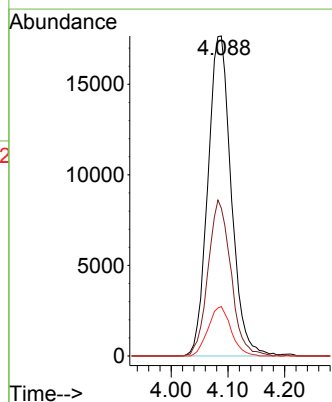
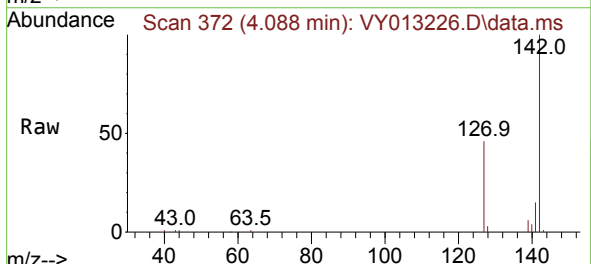
Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY040723

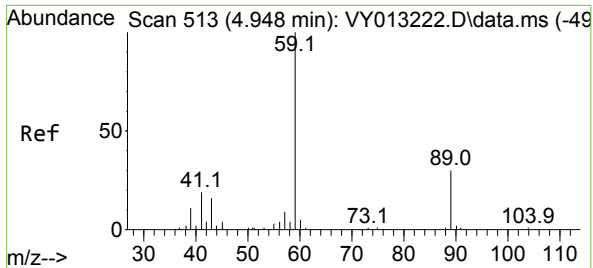
Tgt Ion:	101	Resp:	39163
Ion	Ratio	Lower	Upper
101	100		
85	47.6	35.3	52.9
151	78.8	63.1	94.7



#10
 Methyl Iodide
 Concen: 54.141 ug/l
 RT: 4.088 min Scan# 372
 Delta R.T. 0.006 min
 Lab File: VY013226.D
 Acq: 07 Apr 2023 19:40

Tgt Ion:	142	Resp:	50564
Ion	Ratio	Lower	Upper
142	100		
127	47.7	35.4	53.2
141	15.2	11.3	16.9

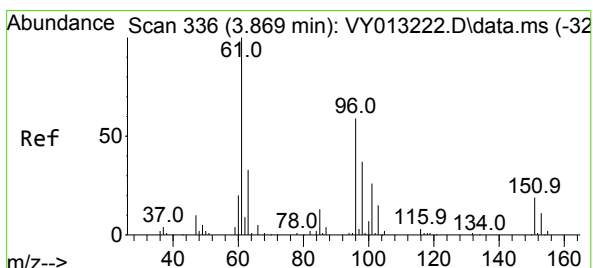
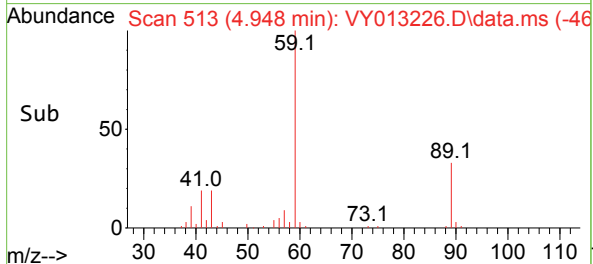
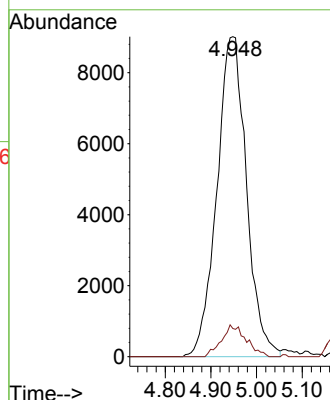
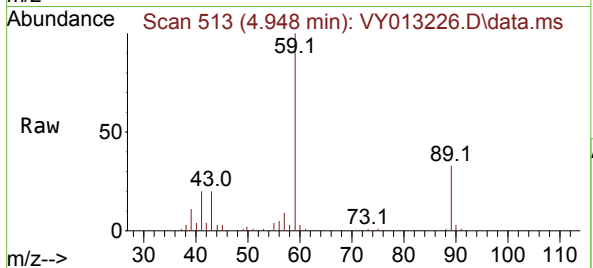




#11
Tert butyl alcohol
Concen: 220.853 ug/l
RT: 4.948 min Scan# 513
Delta R.T. -0.000 min
Lab File: VY013226.D
Acq: 07 Apr 2023 19:40

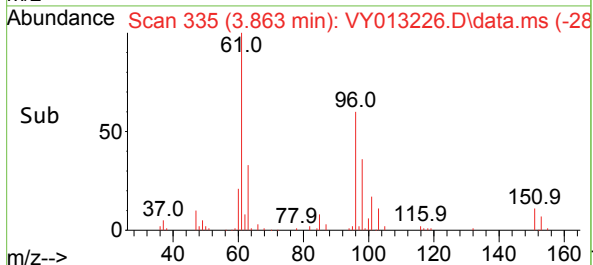
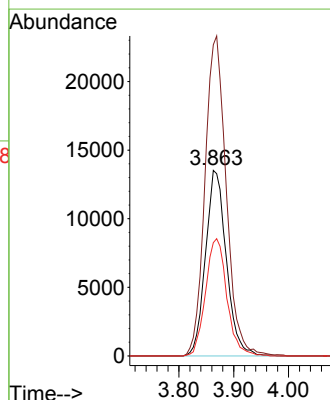
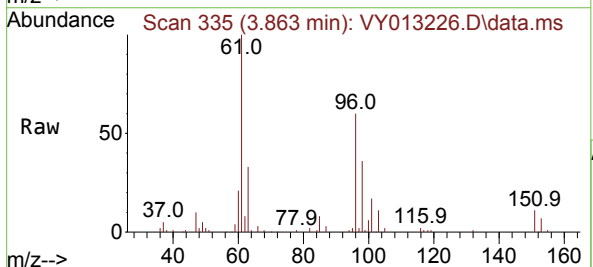
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY040723

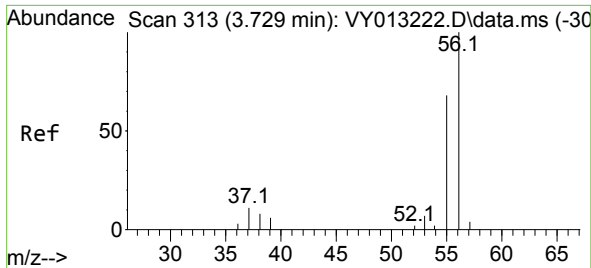
Tgt Ion: 59 Resp: 40516
Ion Ratio Lower Upper
59 100
57 8.2 7.7 11.5



#12
1,1-Dichloroethene
Concen: 47.381 ug/l
RT: 3.863 min Scan# 335
Delta R.T. -0.006 min
Lab File: VY013226.D
Acq: 07 Apr 2023 19:40

Tgt Ion: 96 Resp: 35702
Ion Ratio Lower Upper
96 100
61 167.6 131.7 197.5
98 61.0 52.0 78.0





#13

Acrolein

Concen: 231.217 ug/l

RT: 3.723 min Scan# 313

Delta R.T. -0.006 min

Lab File: VY013226.D

Acq: 07 Apr 2023 19:40

Instrument :

MSVOA_Y

ClientSampleId :

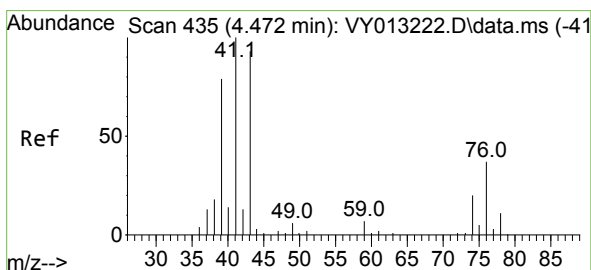
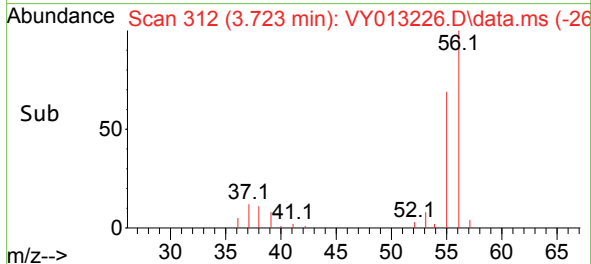
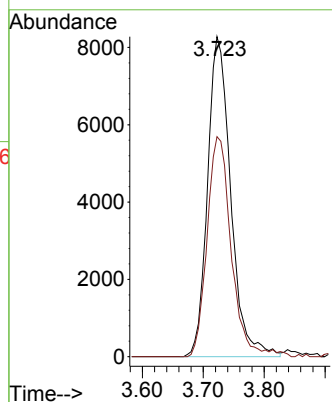
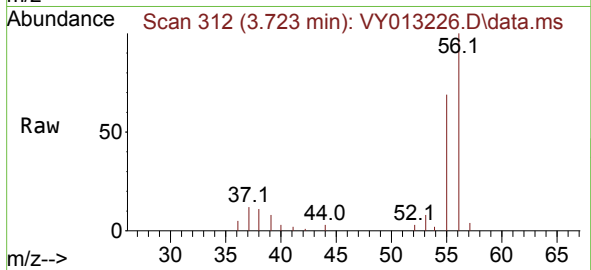
ICVVY040723

Tgt Ion: 56 Resp: 21871

Ion Ratio Lower Upper

56 100

55 71.7 56.8 85.2



#14

Allyl chloride

Concen: 48.205 ug/l

RT: 4.472 min Scan# 435

Delta R.T. 0.000 min

Lab File: VY013226.D

Acq: 07 Apr 2023 19:40

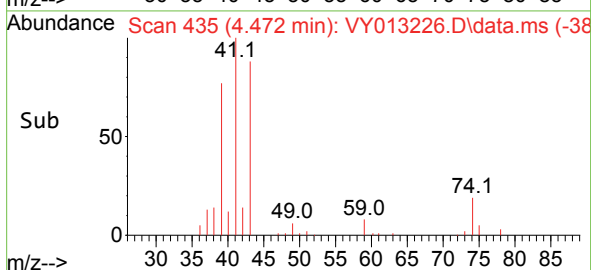
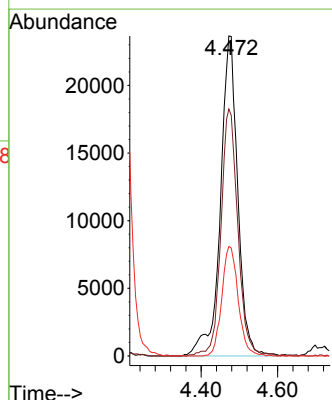
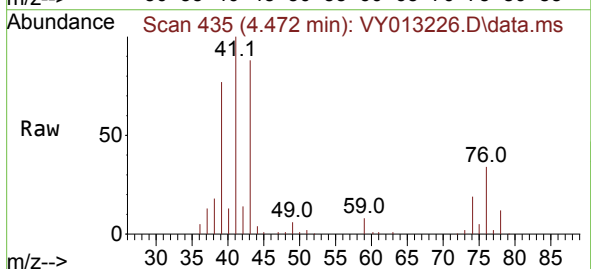
Tgt Ion: 41 Resp: 74557

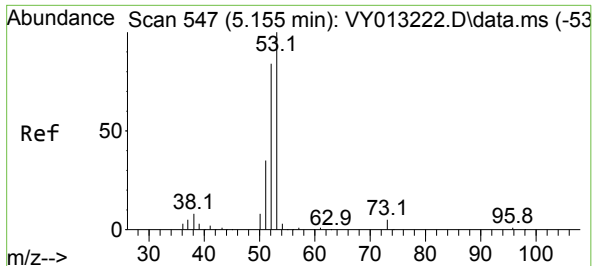
Ion Ratio Lower Upper

41 100

39 75.1 53.6 80.4

76 32.3 27.2 40.8

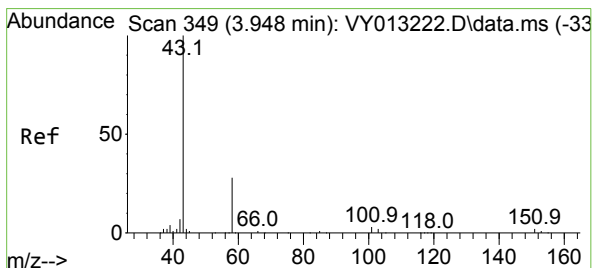
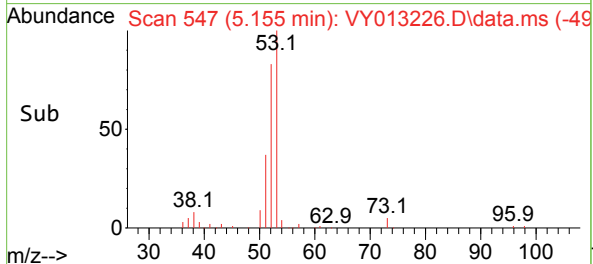
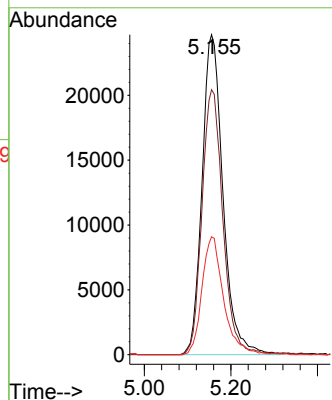
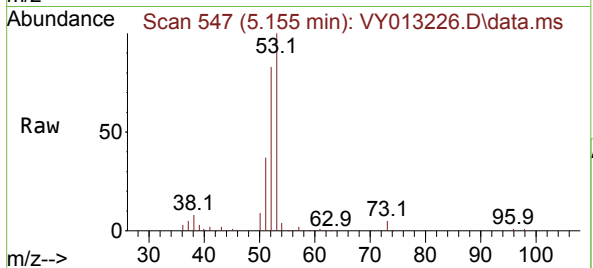




#15
Acrylonitrile
Concen: 254.773 ug/l
RT: 5.155 min Scan# 54
Delta R.T. 0.000 min
Lab File: VY013226.D
Acq: 07 Apr 2023 19:40

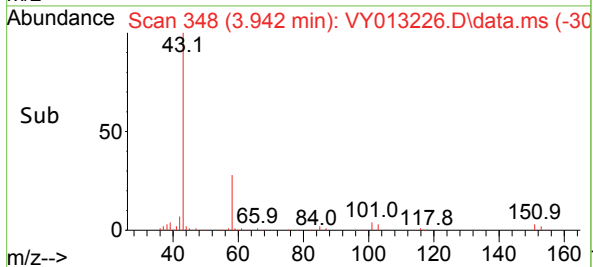
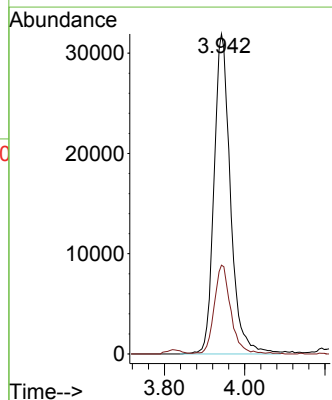
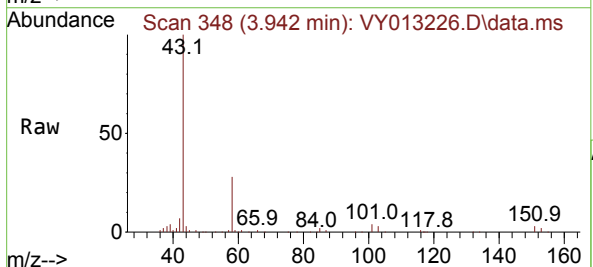
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY040723

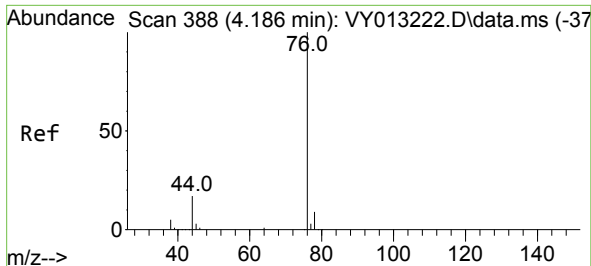
Tgt Ion: 53	Resp: 82838
Ion Ratio	Lower Upper
53 100	
52 82.6	66.3 99.5
51 38.0	28.8 43.2



#16
Acetone
Concen: 241.975 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY013226.D
Acq: 07 Apr 2023 19:40

Tgt Ion: 43	Resp: 90799
Ion Ratio	Lower Upper
43 100	
58 27.6	24.2 36.2

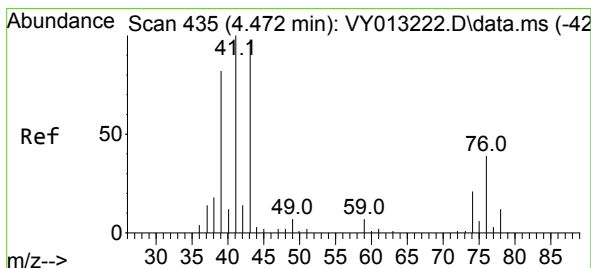
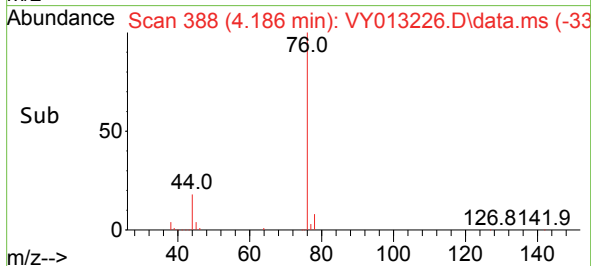
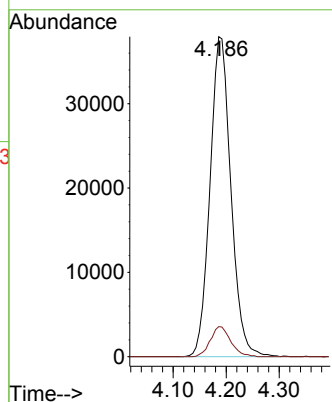
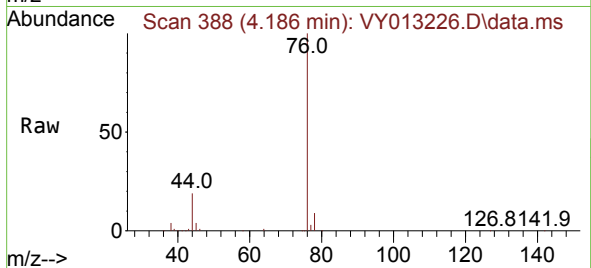




#17
Carbon Disulfide
Concen: 47.265 ug/l
RT: 4.186 min Scan# 388
Delta R.T. 0.000 min
Lab File: VY013226.D
Acq: 07 Apr 2023 19:40

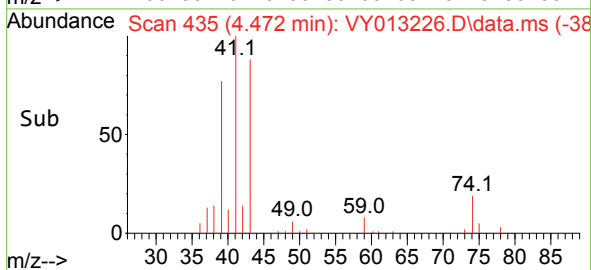
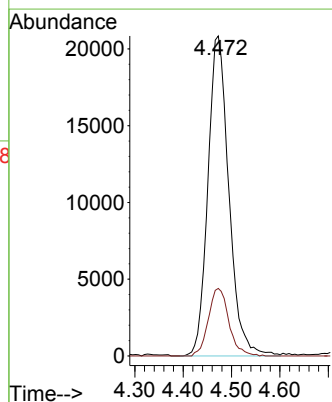
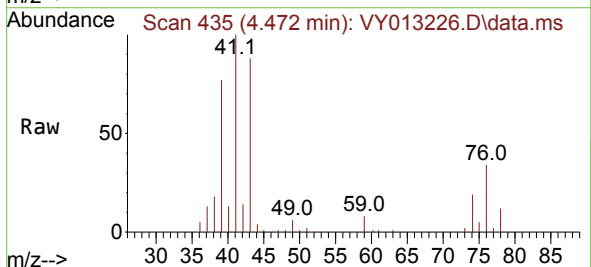
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY040723

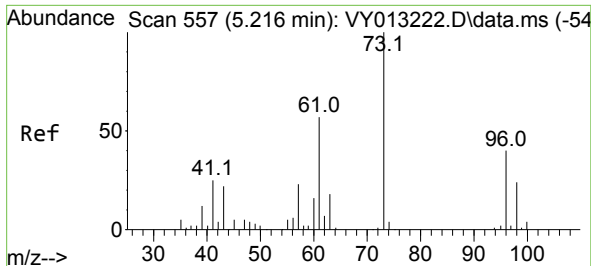
Tgt Ion: 76 Resp: 103875
Ion Ratio Lower Upper
76 100
78 9.4 7.1 10.7



#18
Methyl Acetate
Concen: 49.879 ug/l
RT: 4.472 min Scan# 435
Delta R.T. 0.000 min
Lab File: VY013226.D
Acq: 07 Apr 2023 19:40

Tgt Ion: 43 Resp: 62795
Ion Ratio Lower Upper
43 100
74 20.6 17.4 26.0





#19

Methyl tert-butyl Ether

Concen: 51.726 ug/l

RT: 5.216 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY013226.D

Acq: 07 Apr 2023 19:40

Instrument :

MSVOA_Y

ClientSampleId :

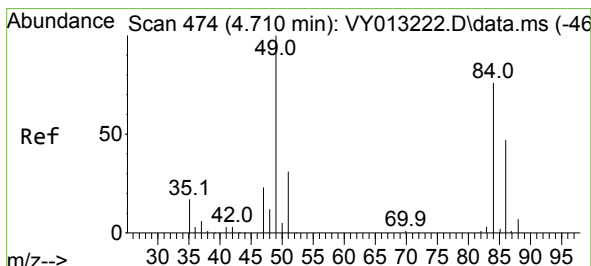
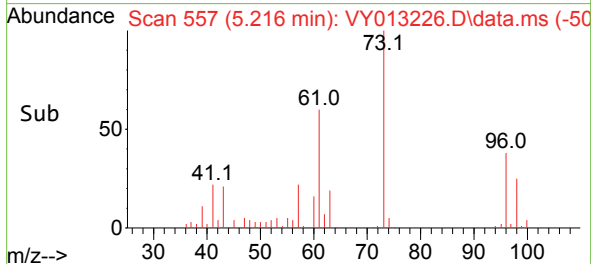
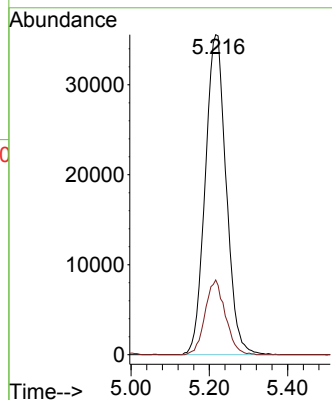
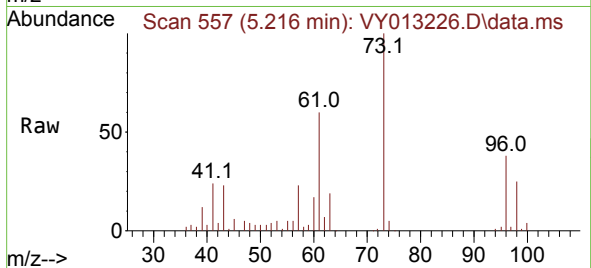
ICVVY040723

Tgt Ion: 73 Resp: 131976

Ion Ratio Lower Upper

73 100

57 23.3 18.3 27.5



#20

Methylene Chloride

Concen: 50.421 ug/l

RT: 4.710 min Scan# 474

Delta R.T. 0.000 min

Lab File: VY013226.D

Acq: 07 Apr 2023 19:40

Tgt Ion: 84 Resp: 48606

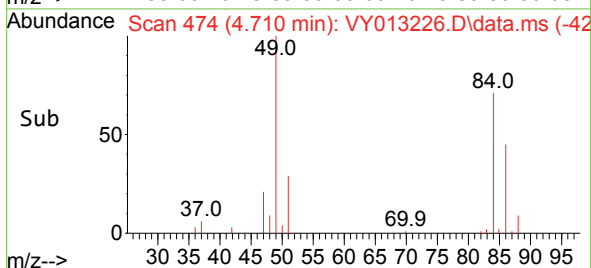
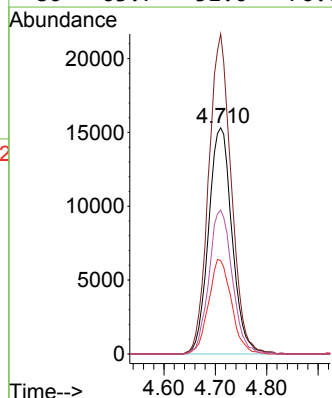
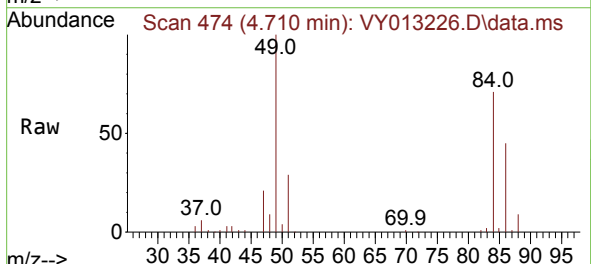
Ion Ratio Lower Upper

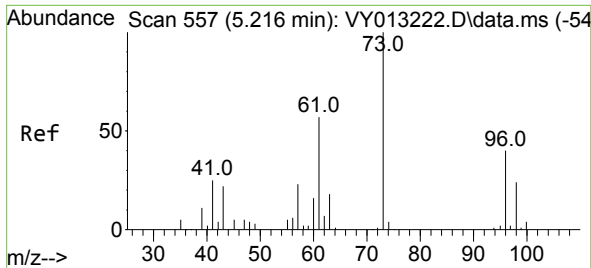
84 100

49 141.6 102.6 154.0

51 41.3 31.9 47.9

86 63.7 51.0 76.6

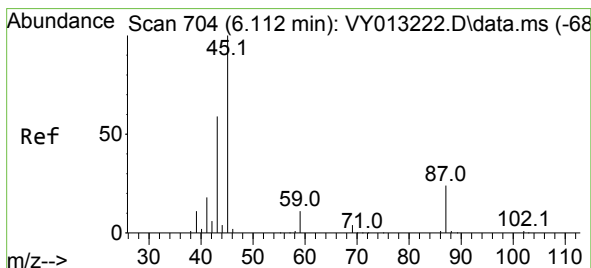
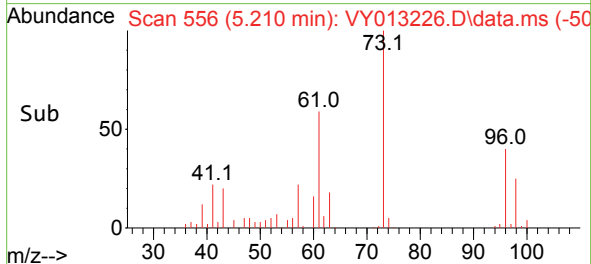
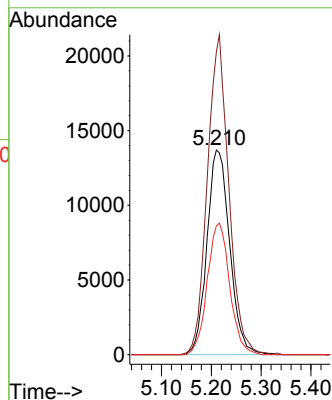
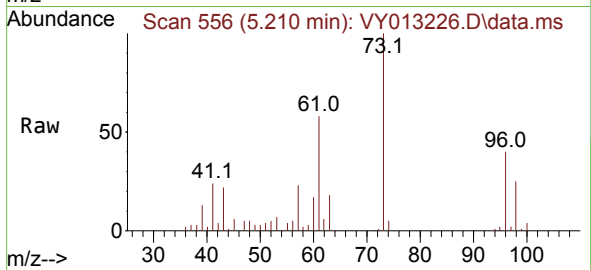




#21
trans-1,2-Dichloroethene
Concen: 48.923 ug/l
RT: 5.210 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY013226.D
Acq: 07 Apr 2023 19:40

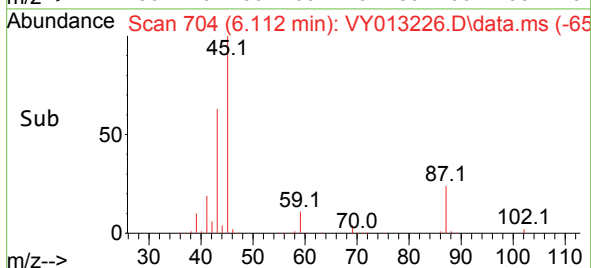
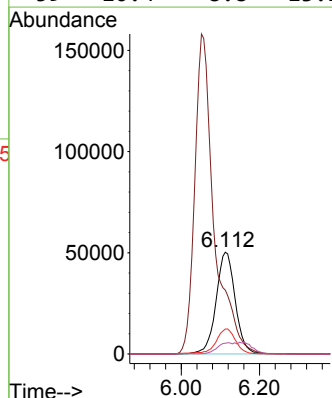
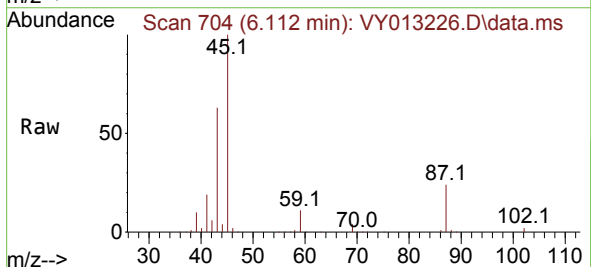
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY040723

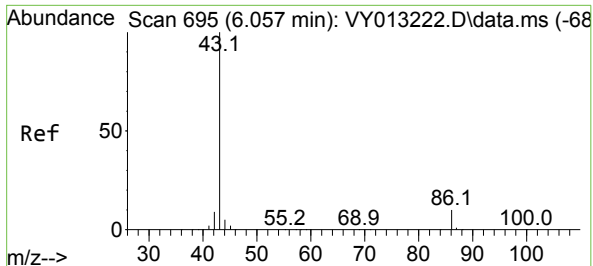
Tgt Ion: 96 Resp: 43467
Ion Ratio Lower Upper
96 100
61 147.9 111.4 167.0
98 63.0 50.8 76.2



#22
Diisopropyl ether
Concen: 53.086 ug/l
RT: 6.112 min Scan# 704
Delta R.T. 0.000 min
Lab File: VY013226.D
Acq: 07 Apr 2023 19:40

Tgt Ion: 45 Resp: 170661
Ion Ratio Lower Upper
45 100
43 62.4 45.0 67.6
87 24.5 20.3 30.5
59 10.4 8.8 13.2

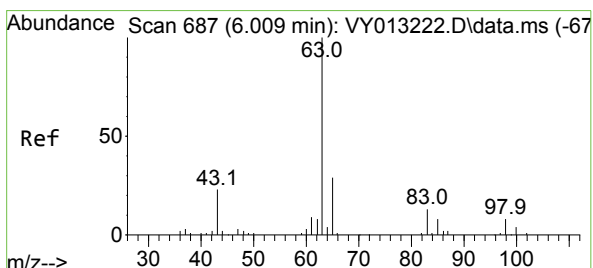
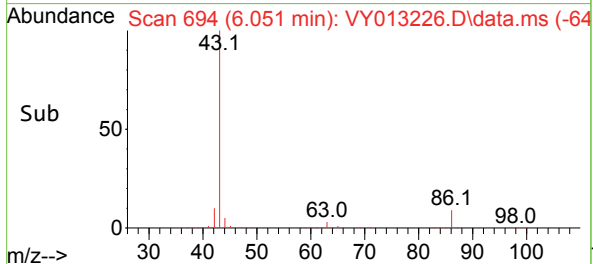
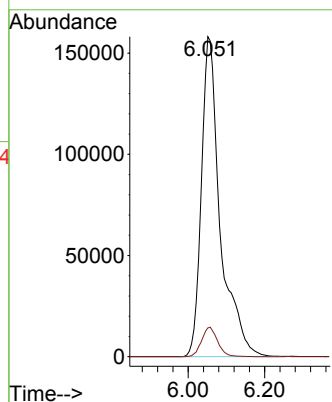
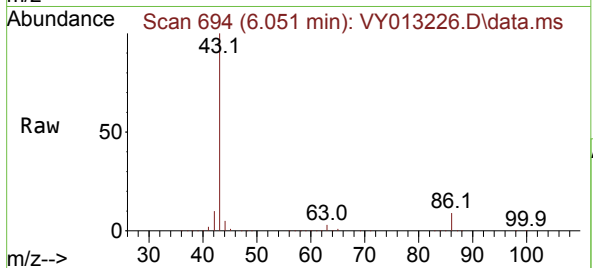




#23
 Vinyl Acetate
 Concen: 267.962 ug/l
 RT: 6.051 min Scan# 694
 Delta R.T. -0.006 min
 Lab File: VY013226.D
 Acq: 07 Apr 2023 19:40

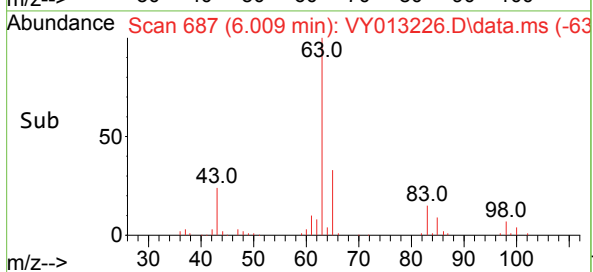
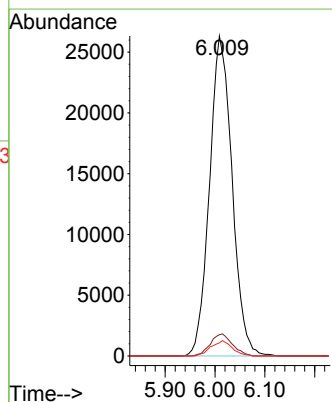
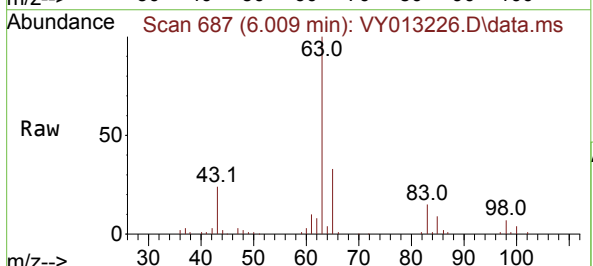
Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY040723

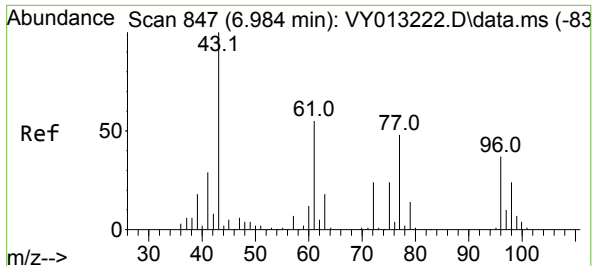
Tgt Ion: 43 Resp: 541699
 Ion Ratio Lower Upper
 43 100
 86 9.0 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 48.319 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. 0.000 min
 Lab File: VY013226.D
 Acq: 07 Apr 2023 19:40

Tgt Ion: 63 Resp: 82800
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.7 11.1
 100 4.1 2.3 6.8





#25

2-Butanone

Concen: 252.810 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY013226.D

Acq: 07 Apr 2023 19:40

Instrument :

MSVOA_Y

ClientSampleId :

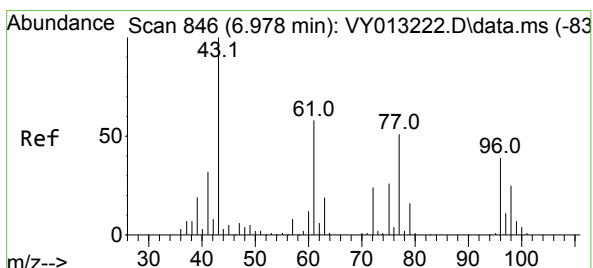
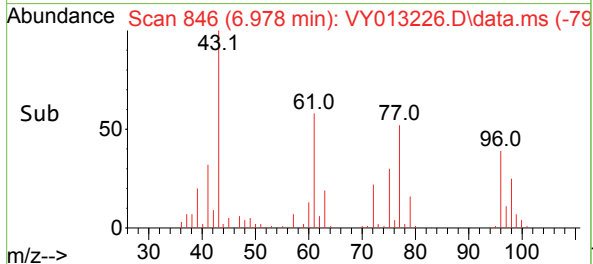
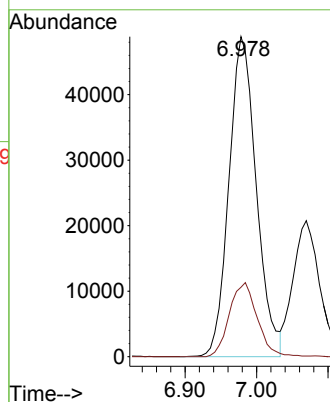
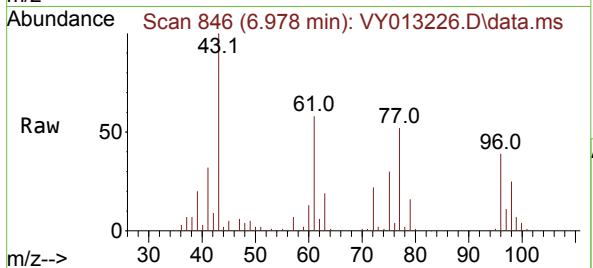
ICVVY040723

Tgt Ion: 43 Resp: 130031

Ion Ratio Lower Upper

43 100

72 21.7 21.0 31.4



#26

2,2-Dichloropropane

Concen: 47.800 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY013226.D

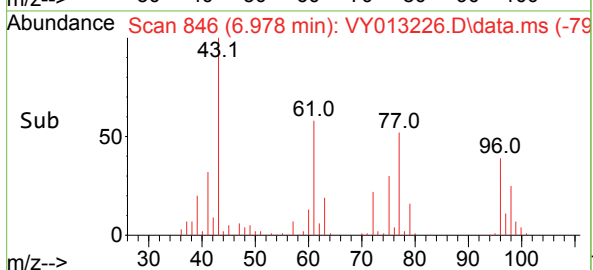
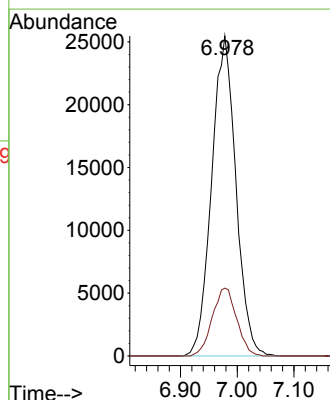
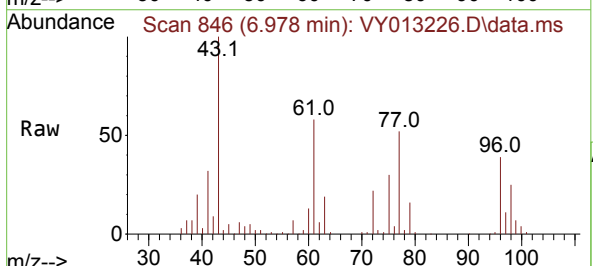
Acq: 07 Apr 2023 19:40

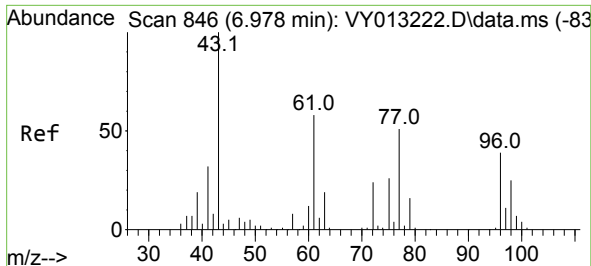
Tgt Ion: 77 Resp: 75706

Ion Ratio Lower Upper

77 100

97 21.3 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 50.593 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY013226.D

Acq: 07 Apr 2023 19:40

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY040723

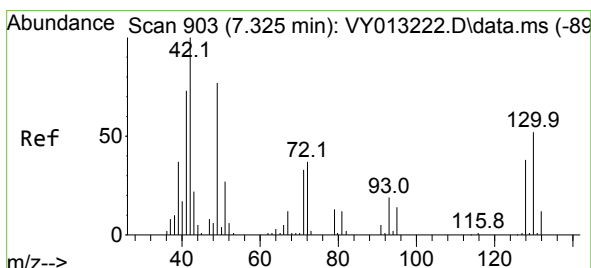
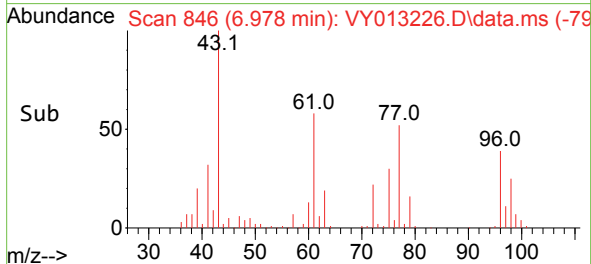
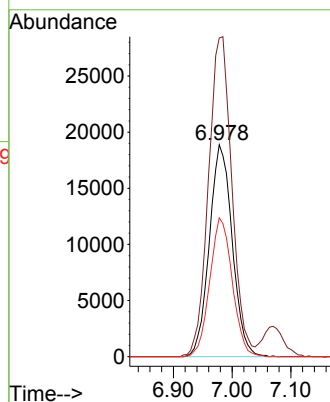
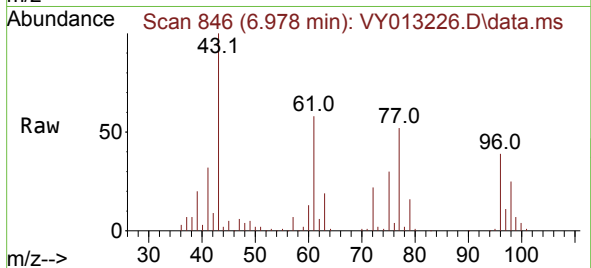
Tgt Ion: 96 Resp: 51157

Ion Ratio Lower Upper

96 100

61 154.2 0.0 295.8

98 64.3 0.0 130.2



#28

Bromochloromethane

Concen: 51.125 ug/l

RT: 7.326 min Scan# 903

Delta R.T. 0.000 min

Lab File: VY013226.D

Acq: 07 Apr 2023 19:40

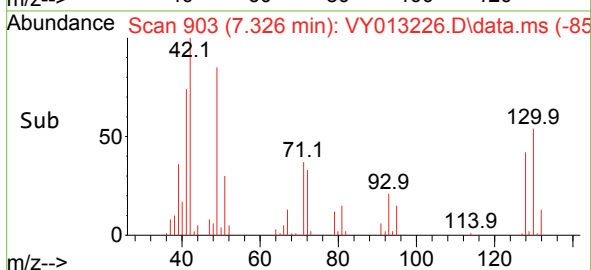
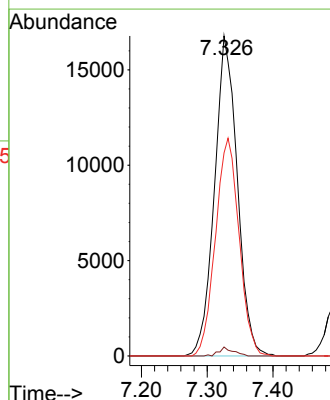
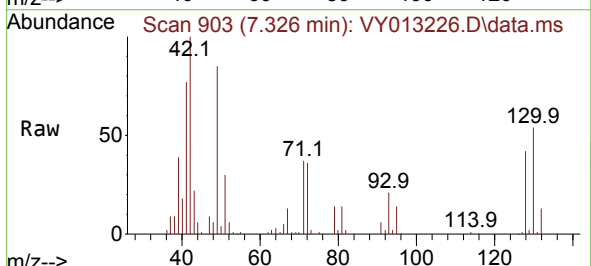
Tgt Ion: 49 Resp: 40464

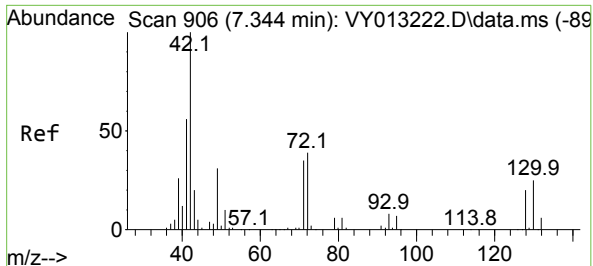
Ion Ratio Lower Upper

49 100

129 1.8 0.0 4.2

130 70.5 60.5 90.7





#29

Tetrahydrofuran

Concen: 268.156 ug/l

RT: 7.338 min Scan# 905

Delta R.T. -0.006 min

Lab File: VY013226.D

Acq: 07 Apr 2023 19:40

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY040723

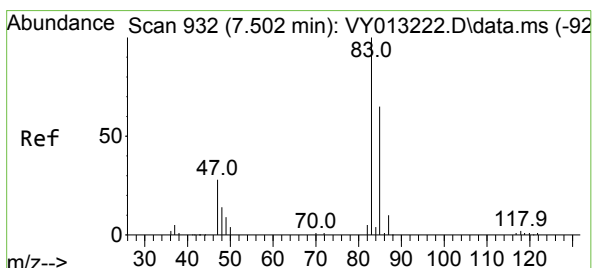
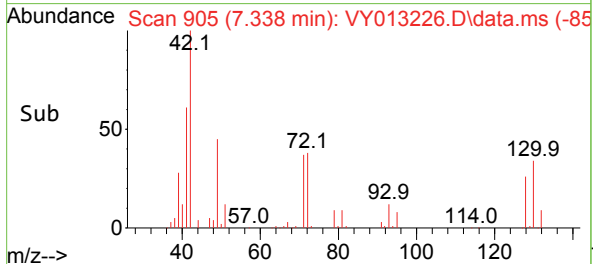
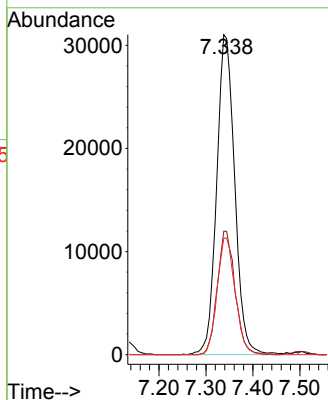
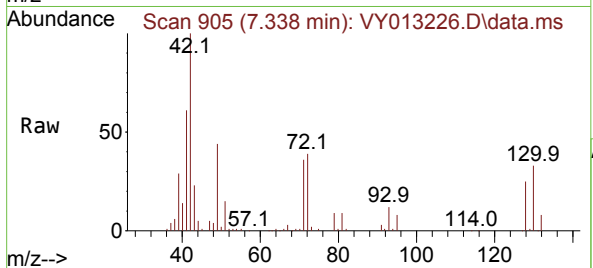
Tgt Ion: 42 Resp: 82963

Ion Ratio Lower Upper

42 100

72 38.0 32.3 48.5

71 36.5 30.3 45.5



#30

Chloroform

Concen: 49.634 ug/l

RT: 7.502 min Scan# 932

Delta R.T. 0.000 min

Lab File: VY013226.D

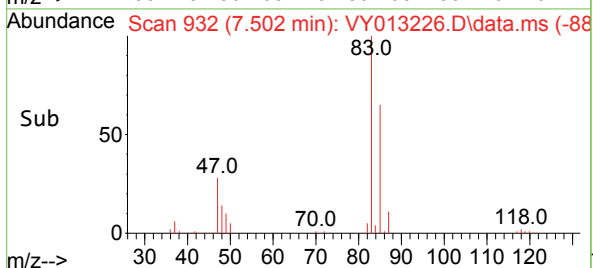
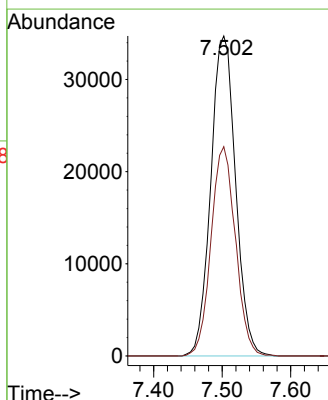
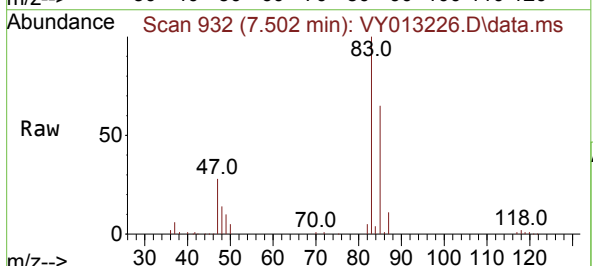
Acq: 07 Apr 2023 19:40

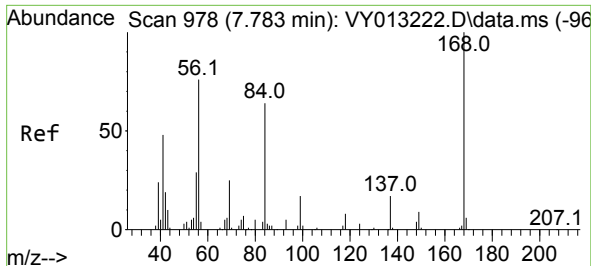
Tgt Ion: 83 Resp: 87259

Ion Ratio Lower Upper

83 100

85 65.4 51.4 77.0

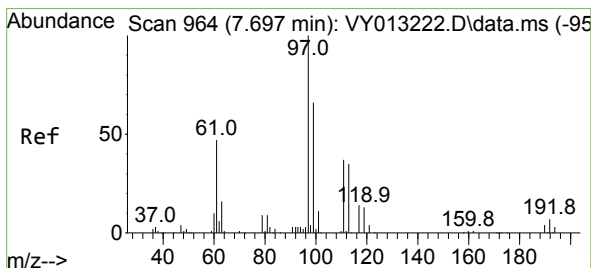
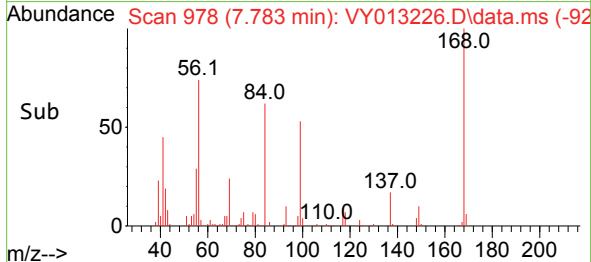
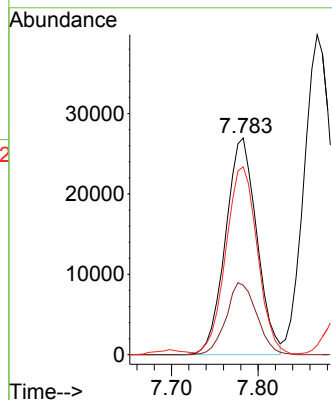
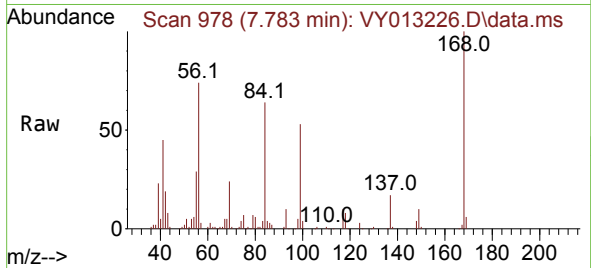




#31
Cyclohexane
Concen: 46.547 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY013226.D
Acq: 07 Apr 2023 19:40

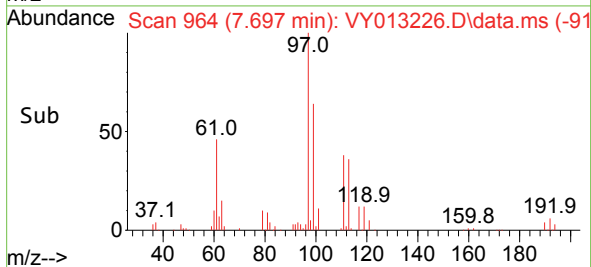
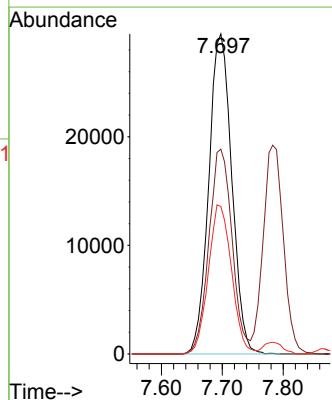
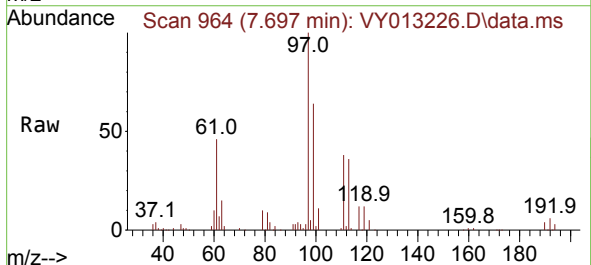
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY040723

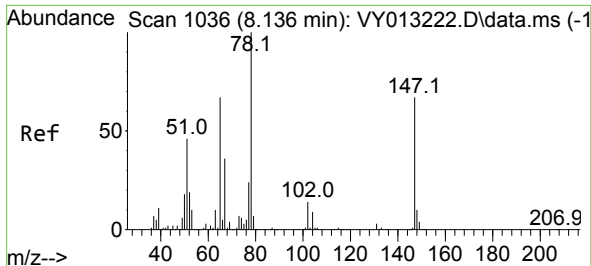
Tgt Ion: 56 Resp: 67618
Ion Ratio Lower Upper
56 100
69 32.1 25.7 38.5
84 85.2 64.3 96.5



#32
1,1,1-Trichloroethane
Concen: 49.525 ug/l
RT: 7.697 min Scan# 964
Delta R.T. 0.000 min
Lab File: VY013226.D
Acq: 07 Apr 2023 19:40

Tgt Ion: 97 Resp: 77397
Ion Ratio Lower Upper
97 100
99 64.7 51.0 76.6
61 47.2 34.5 51.7





#33

1,2-Dichloroethane-d4

Concen: 49.569 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY013226.D

Acq: 07 Apr 2023 19:40

Instrument :

MSVOA_Y

ClientSampleId :

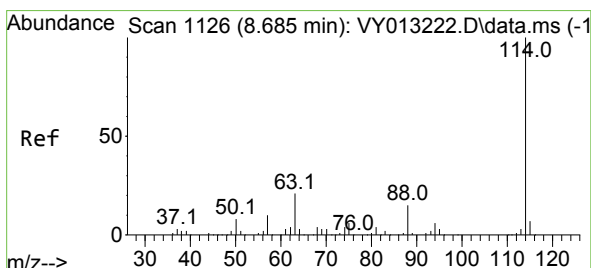
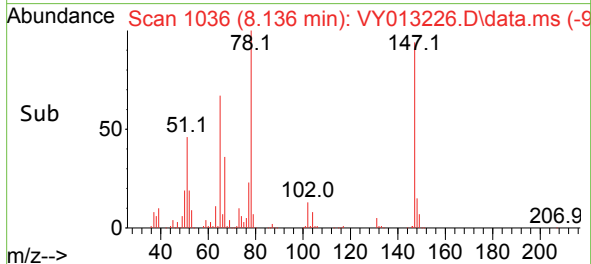
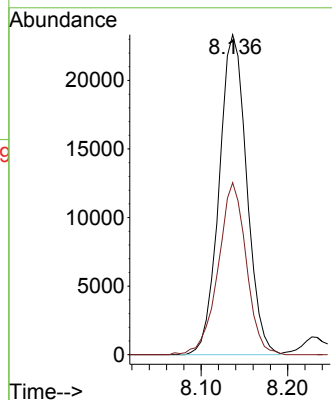
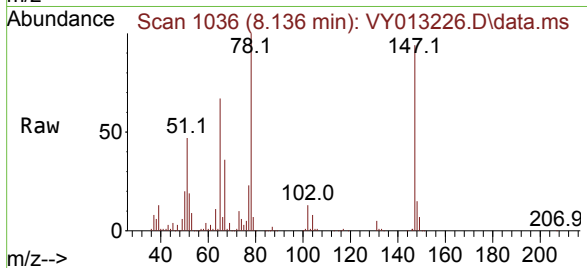
ICVVY040723

Tgt Ion: 65 Resp: 51610

Ion Ratio Lower Upper

65 100

67 54.6 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY013226.D

Acq: 07 Apr 2023 19:40

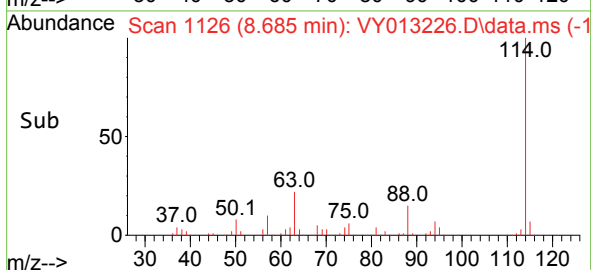
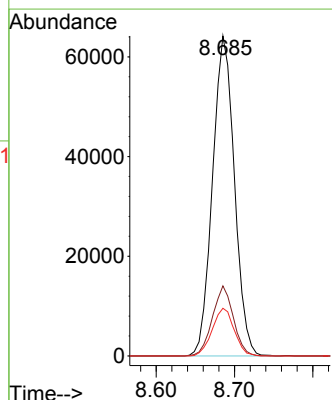
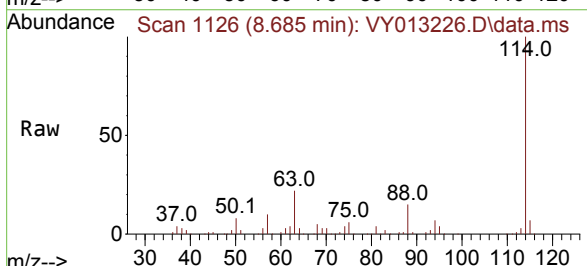
Tgt Ion: 114 Resp: 124626

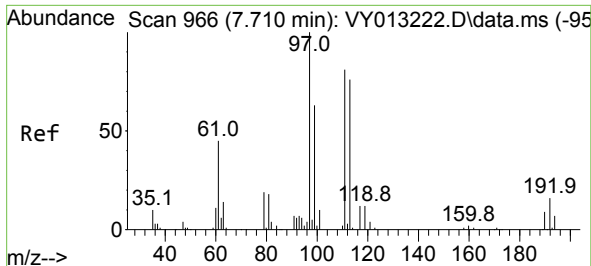
Ion Ratio Lower Upper

114 100

63 21.9 0.0 37.4

88 14.9 0.0 28.6

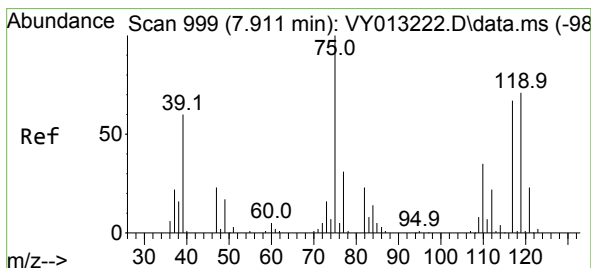
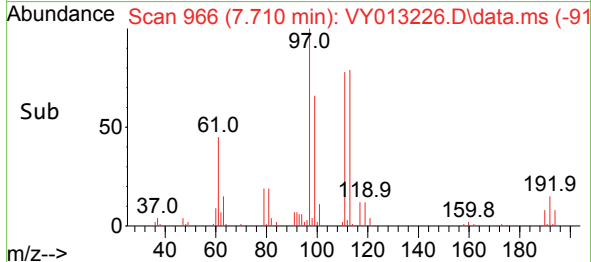
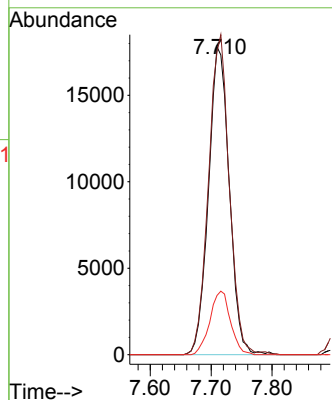
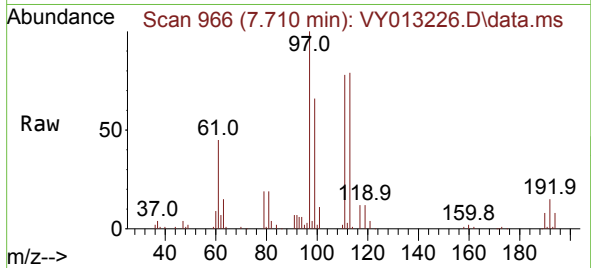




#35
Dibromofluoromethane
Concen: 48.359 ug/l
RT: 7.710 min Scan# 911
Delta R.T. 0.000 min
Lab File: VY013226.D
Acq: 07 Apr 2023 19:40

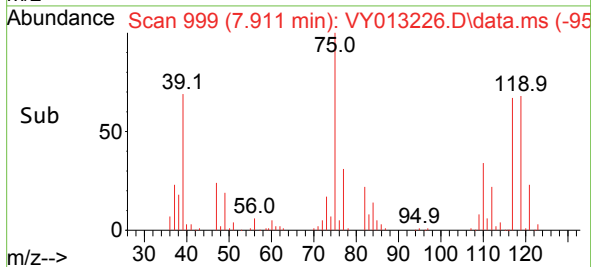
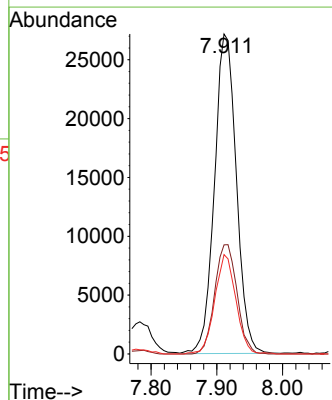
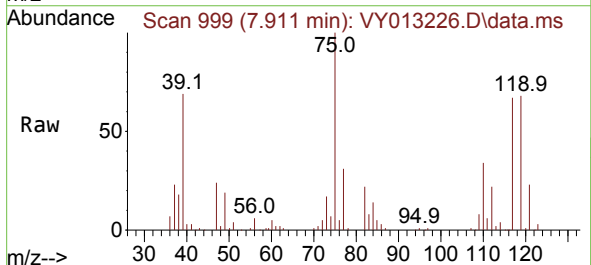
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY040723

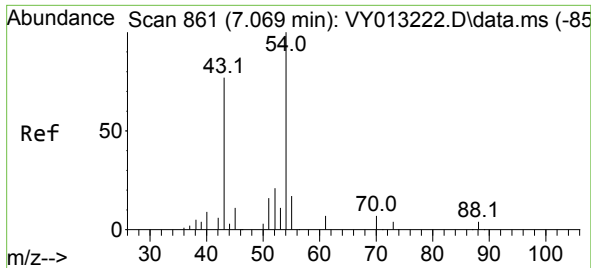
Tgt Ion:113 Resp: 42239
Ion Ratio Lower Upper
113 100
111 103.5 82.2 123.2
192 20.4 16.8 25.2



#36
1,1-Dichloropropene
Concen: 49.120 ug/l
RT: 7.911 min Scan# 999
Delta R.T. 0.000 min
Lab File: VY013226.D
Acq: 07 Apr 2023 19:40

Tgt Ion: 75 Resp: 62948
Ion Ratio Lower Upper
75 100
110 34.8 17.8 53.3
77 30.0 25.0 37.4





#37

Ethyl Acetate

Concen: 51.332 ug/l

RT: 7.070 min Scan# 8

Delta R.T. 0.000 min

Lab File: VY013226.D

Acq: 07 Apr 2023 19:40

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY040723

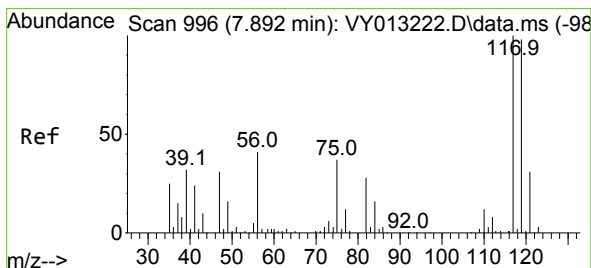
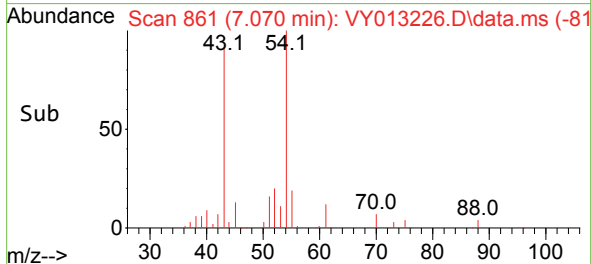
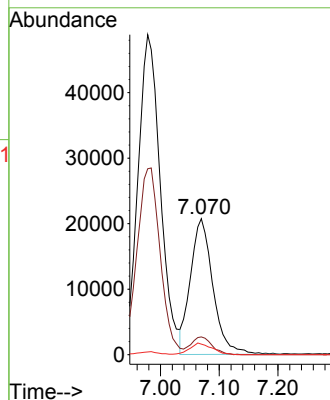
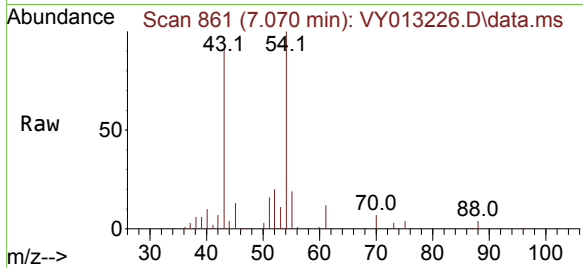
Tgt Ion: 43 Resp: 55206

Ion Ratio Lower Upper

43 100

61 12.2 10.7 16.1

70 8.4 7.8 11.8



#38

Carbon Tetrachloride

Concen: 48.428 ug/l

RT: 7.899 min Scan# 997

Delta R.T. 0.006 min

Lab File: VY013226.D

Acq: 07 Apr 2023 19:40

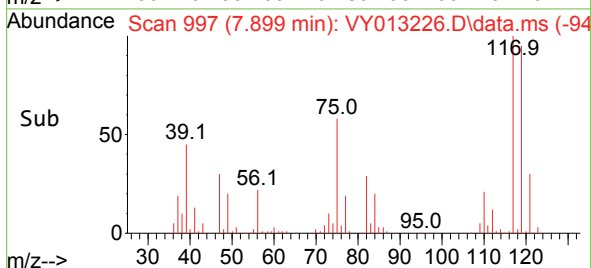
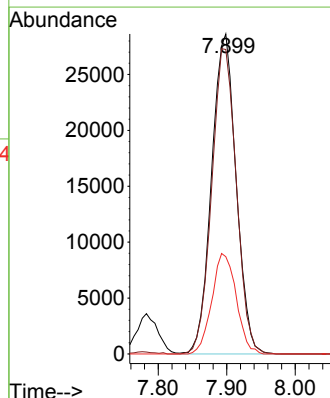
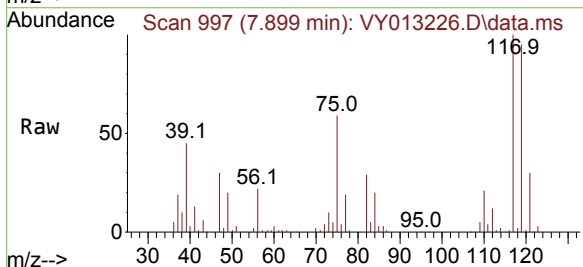
Tgt Ion: 117 Resp: 71113

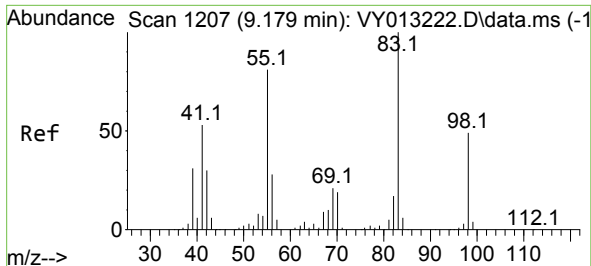
Ion Ratio Lower Upper

117 100

119 95.1 77.2 115.8

121 30.4 24.7 37.1

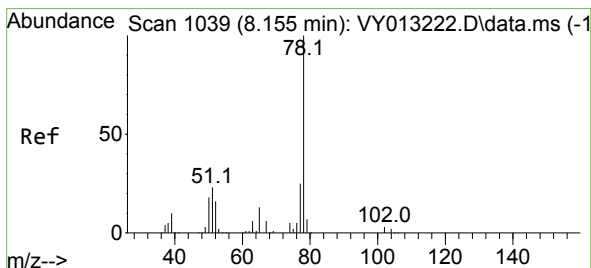
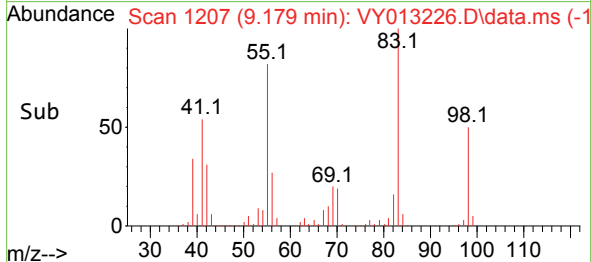
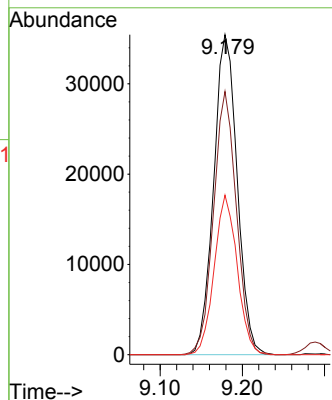
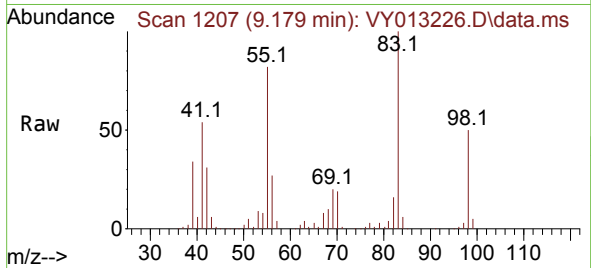




#39
Methylcyclohexane
Concen: 49.497 ug/l
RT: 9.179 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013226.D
Acq: 07 Apr 2023 19:40

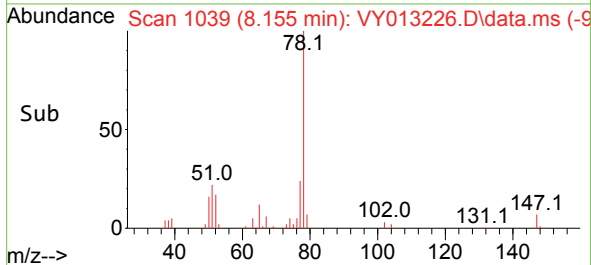
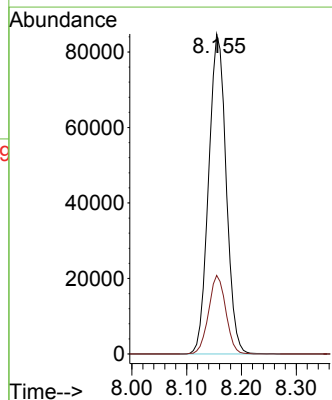
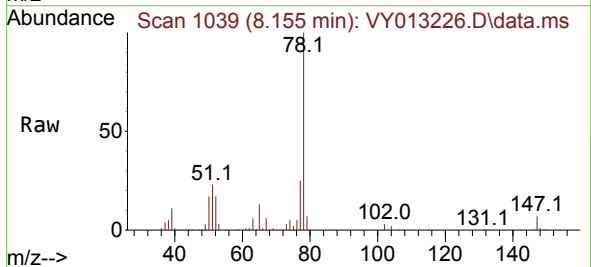
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY040723

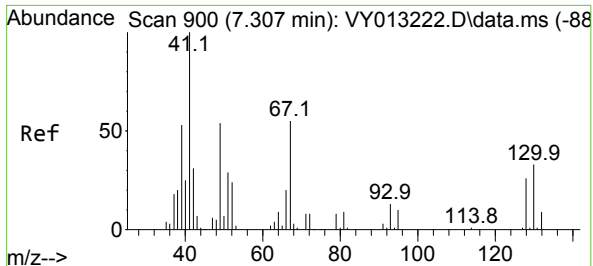
Tgt Ion: 83 Resp: 70555
Ion Ratio Lower Upper
83 100
55 82.3 60.0 90.0
98 49.9 38.3 57.5



#40
Benzene
Concen: 49.539 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.000 min
Lab File: VY013226.D
Acq: 07 Apr 2023 19:40

Tgt Ion: 78 Resp: 187633
Ion Ratio Lower Upper
78 100
77 24.5 19.4 29.0

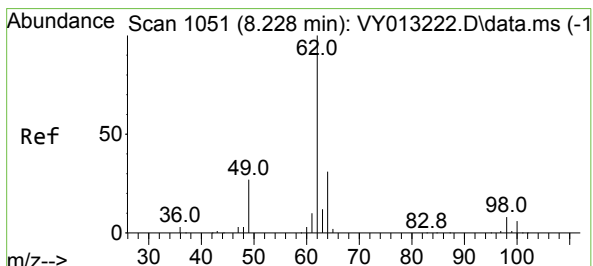
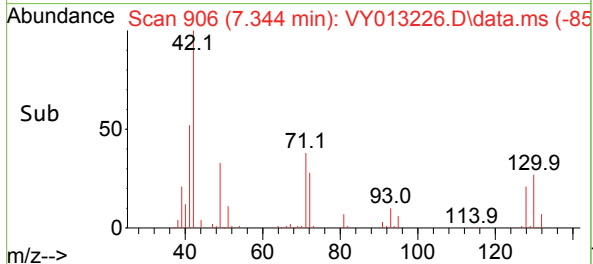
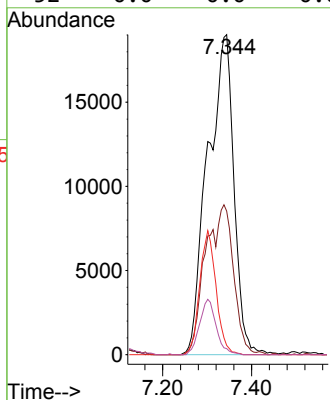
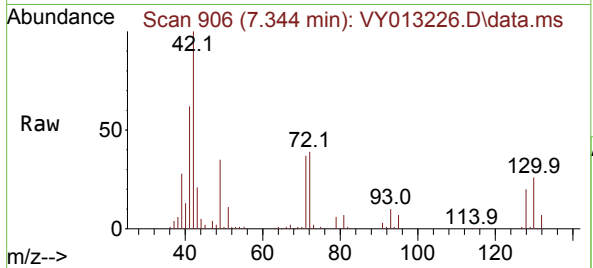




#41
Methacrylonitrile
Concen: 191.394 ug/l
RT: 7.344 min Scan# 906
Delta R.T. 0.037 min
Lab File: VY013226.D
Acq: 07 Apr 2023 19:40

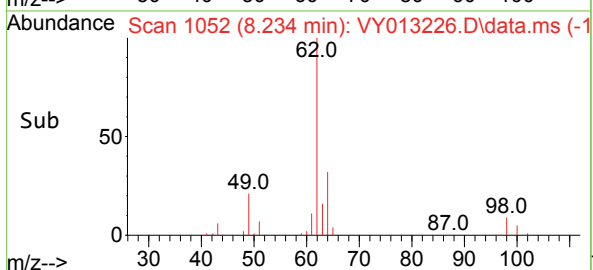
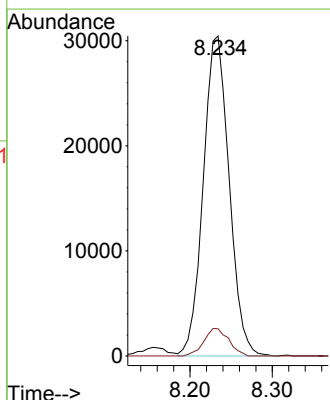
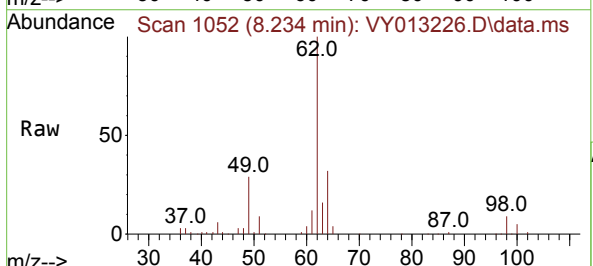
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY040723

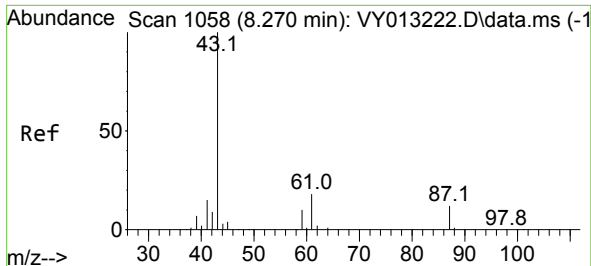
Tgt Ion: 41 Resp: 77706
Ion Ratio Lower Upper
41 100
39 50.2 0.0 0.0#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 50.521 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.006 min
Lab File: VY013226.D
Acq: 07 Apr 2023 19:40

Tgt Ion: 62 Resp: 66532
Ion Ratio Lower Upper
62 100
98 8.3 0.0 18.8





#43

Isopropyl Acetate

Concen: 51.826 ug/l

RT: 8.271 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VY013226.D

Acq: 07 Apr 2023 19:40

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY040723

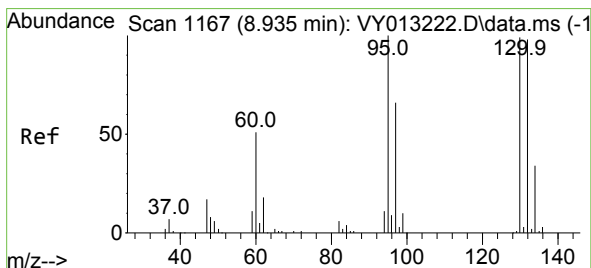
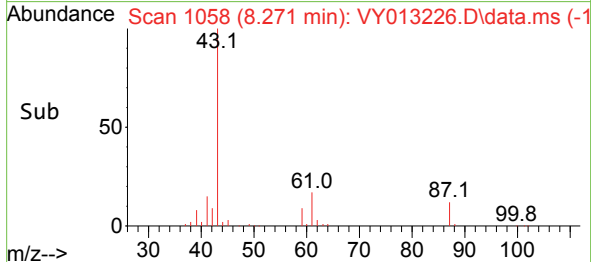
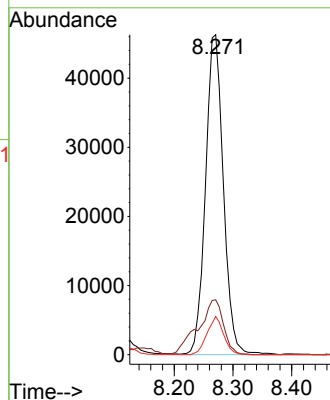
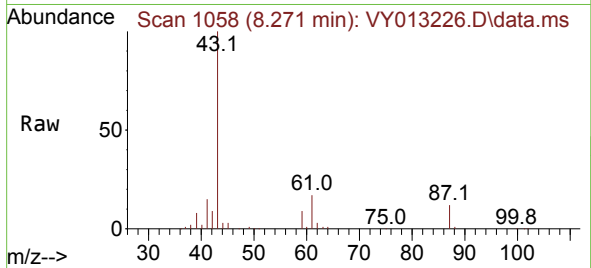
Tgt Ion: 43 Resp: 97867

Ion Ratio Lower Upper

43 100

61 24.4 21.6 32.4

87 11.0 9.9 14.9



#44

Trichloroethene

Concen: 47.838 ug/l

RT: 8.935 min Scan# 1167

Delta R.T. 0.000 min

Lab File: VY013226.D

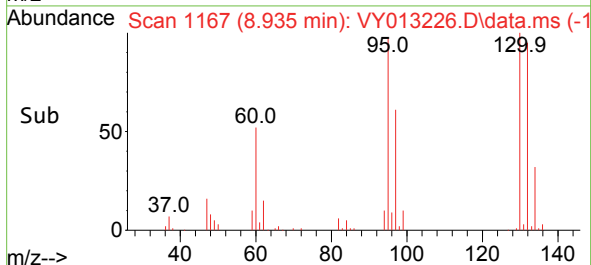
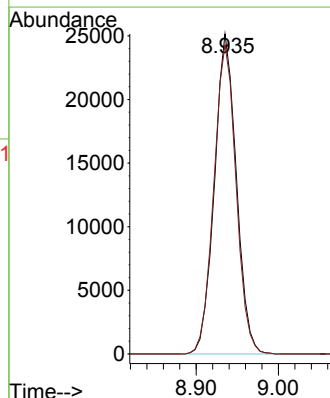
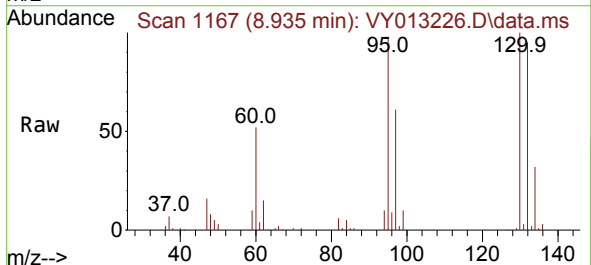
Acq: 07 Apr 2023 19:40

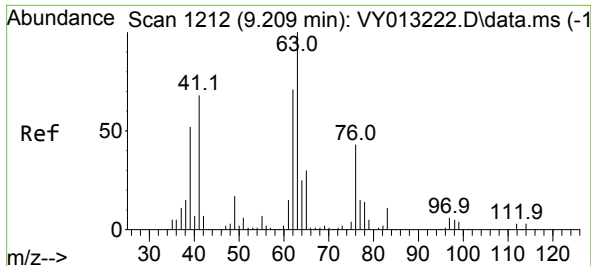
Tgt Ion:130 Resp: 46585

Ion Ratio Lower Upper

130 100

95 96.6 0.0 185.0

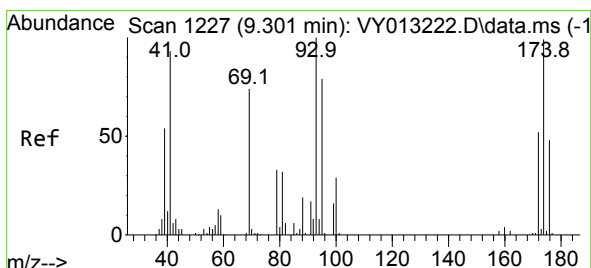
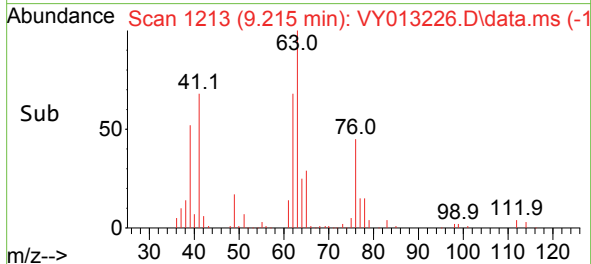
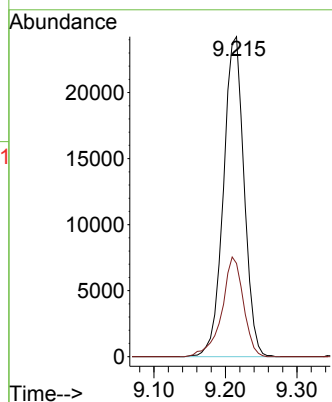
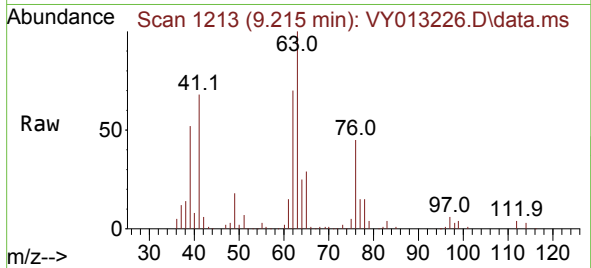




#45
1,2-Dichloropropane
Concen: 48.929 ug/l
RT: 9.215 min Scan# 1213
Delta R.T. 0.006 min
Lab File: VY013226.D
Acq: 07 Apr 2023 19:40

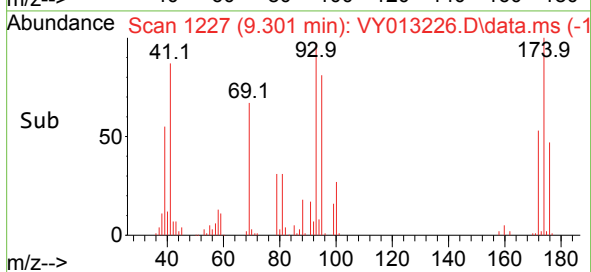
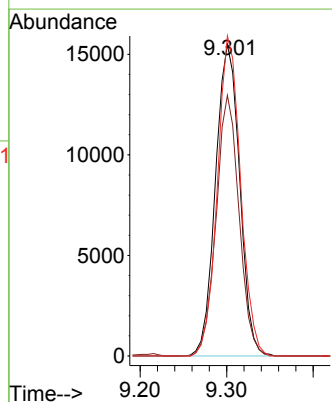
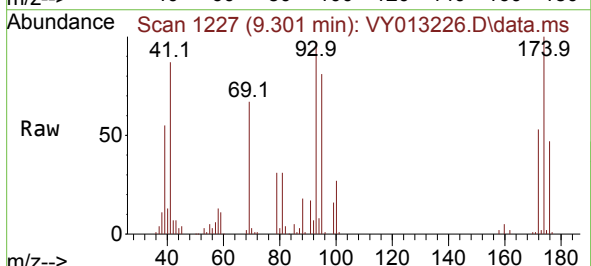
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY040723

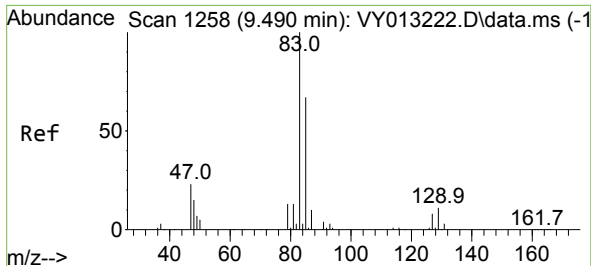
Tgt Ion: 63 Resp: 48548
Ion Ratio Lower Upper
63 100
65 29.2 25.7 38.5



#46
Dibromomethane
Concen: 49.544 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. 0.000 min
Lab File: VY013226.D
Acq: 07 Apr 2023 19:40

Tgt Ion: 93 Resp: 29926
Ion Ratio Lower Upper
93 100
95 79.6 65.6 98.4
174 98.6 81.3 121.9

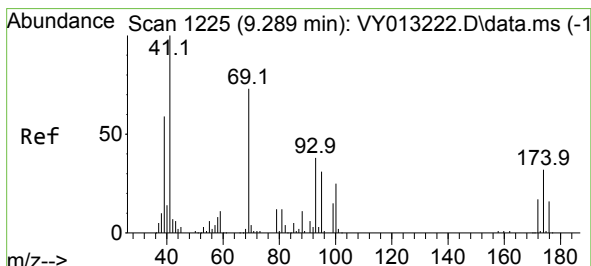
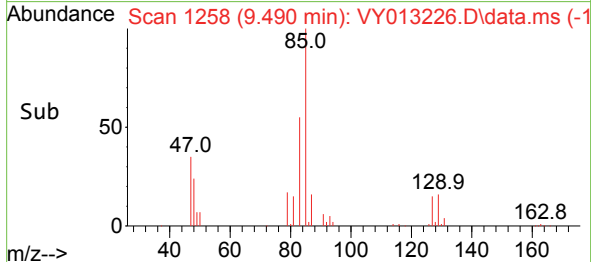
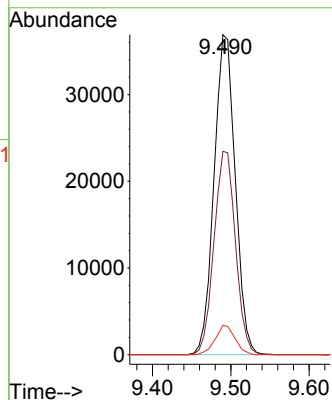
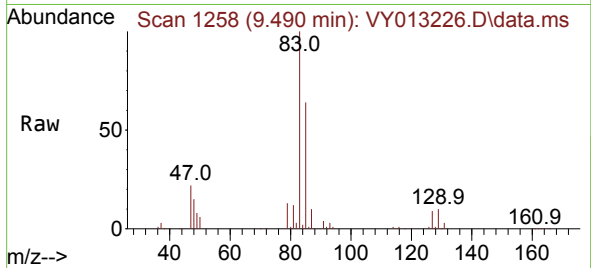




#47
Bromodichloromethane
Concen: 49.260 ug/l
RT: 9.490 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VY013226.D
Acq: 07 Apr 2023 19:40

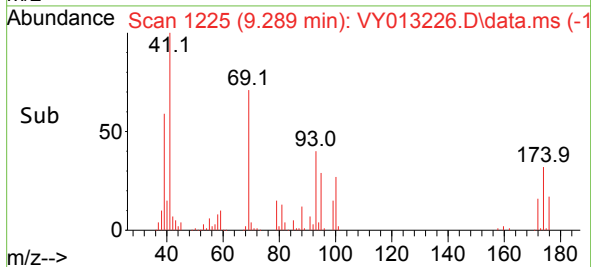
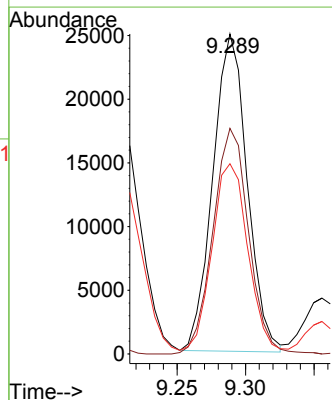
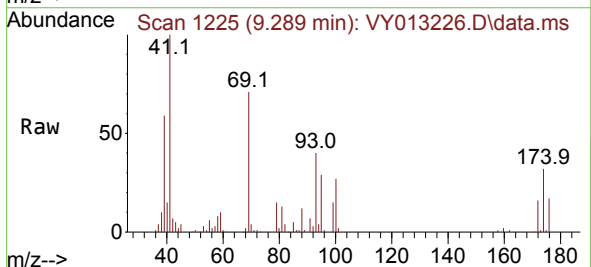
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY040723

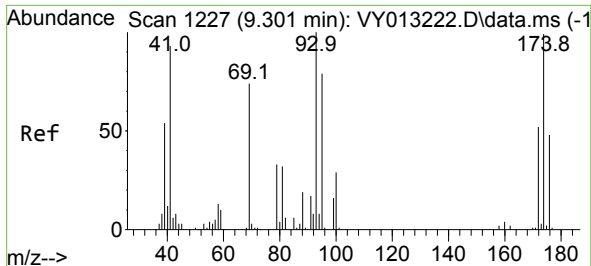
Tgt Ion: 83 Resp: 69520
Ion Ratio Lower Upper
83 100
85 63.5 50.2 75.4
127 9.2 6.3 9.5



#48
Methyl methacrylate
Concen: 52.406 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. 0.000 min
Lab File: VY013226.D
Acq: 07 Apr 2023 19:40

Tgt Ion: 41 Resp: 43397
Ion Ratio Lower Upper
41 100
69 73.9 64.1 96.1
39 63.6 44.0 66.0





#49

1,4-Dioxane

Concen: 1121.918 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. -0.006 min

Lab File: VY013226.D

Acq: 07 Apr 2023 19:40

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY040723

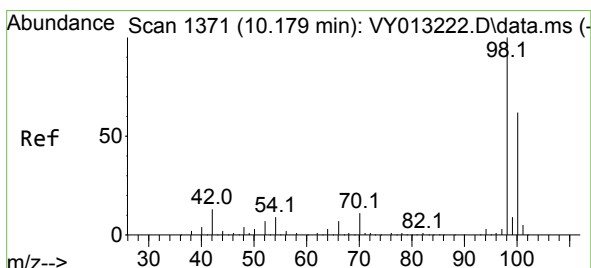
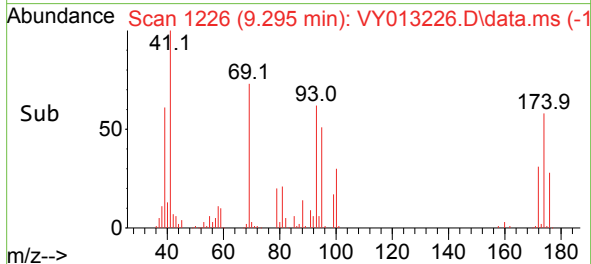
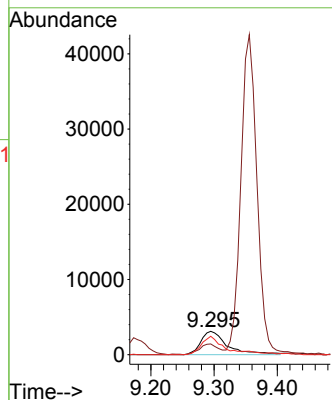
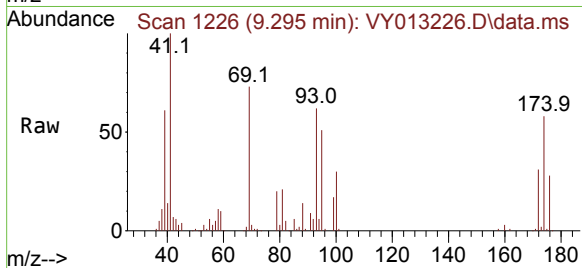
Tgt Ion: 88 Resp: 9075

Ion Ratio Lower Upper

88 100

43 32.4 28.6 42.8

58 73.4 55.2 82.8



#50

Toluene-d8

Concen: 50.891 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY013226.D

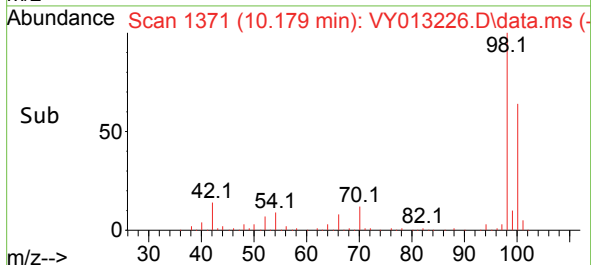
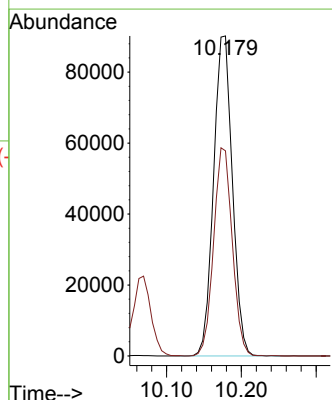
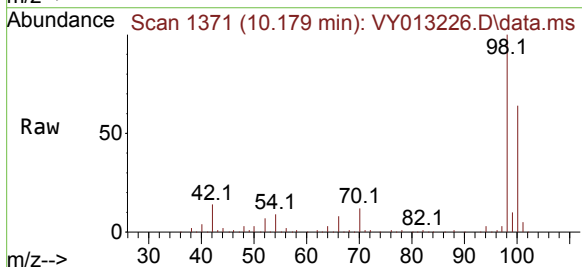
Acq: 07 Apr 2023 19:40

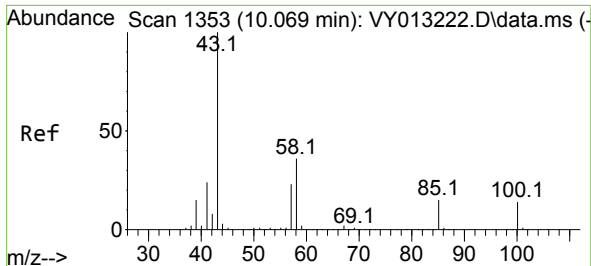
Tgt Ion: 98 Resp: 157684

Ion Ratio Lower Upper

98 100

100 64.4 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 268.641 ug/l

RT: 10.069 min Scan# 1353

Delta R.T. 0.000 min

Lab File: VY013226.D

Acq: 07 Apr 2023 19:40

Instrument :

MSVOA_Y

ClientSampleId :

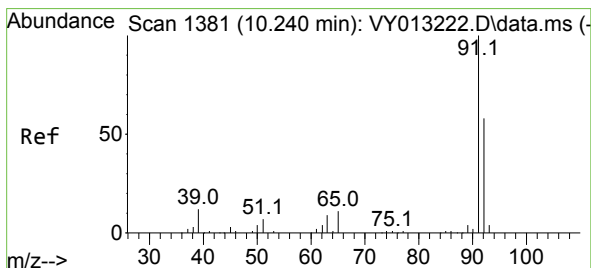
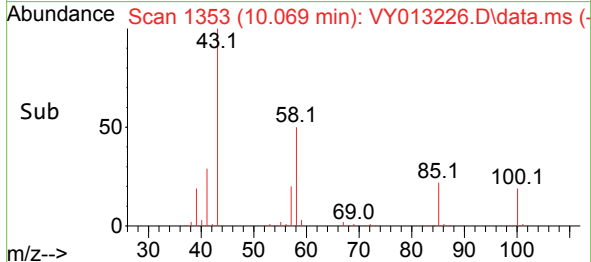
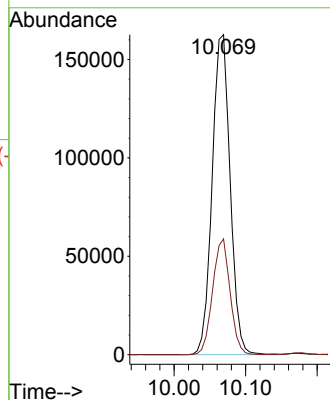
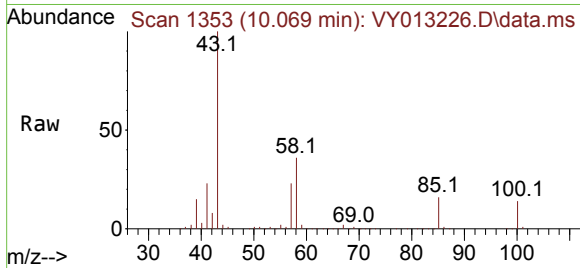
ICVVY040723

Tgt Ion: 43 Resp: 284258

Ion Ratio Lower Upper

43 100

58 35.2 29.8 44.6



#52

Toluene

Concen: 51.547 ug/l

RT: 10.240 min Scan# 1381

Delta R.T. 0.000 min

Lab File: VY013226.D

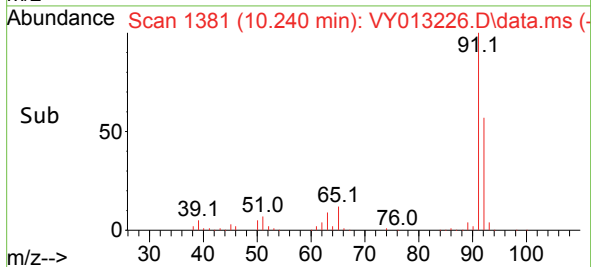
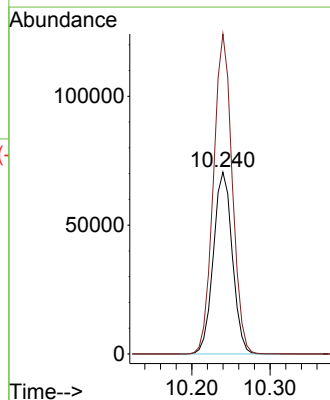
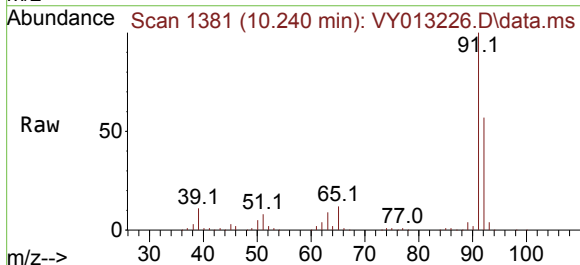
Acq: 07 Apr 2023 19:40

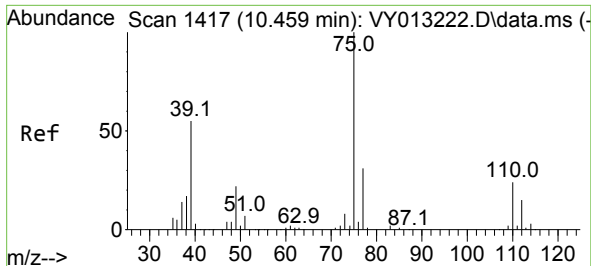
Tgt Ion: 92 Resp: 118692

Ion Ratio Lower Upper

92 100

91 174.3 141.3 211.9

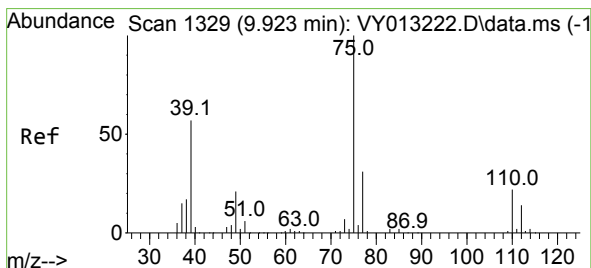
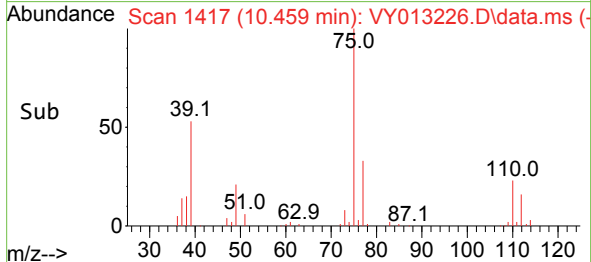
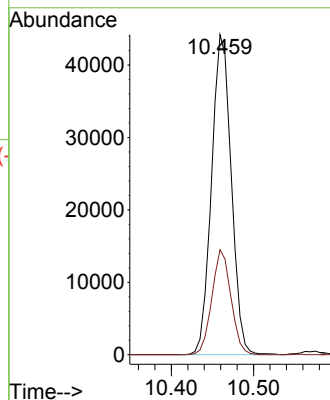
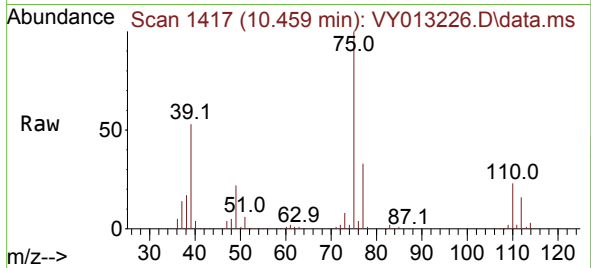




#53
 t-1,3-Dichloropropene
 Concen: 49.875 ug/l
 RT: 10.459 min Scan# 1417
 Delta R.T. 0.000 min
 Lab File: VY013226.D
 Acq: 07 Apr 2023 19:40

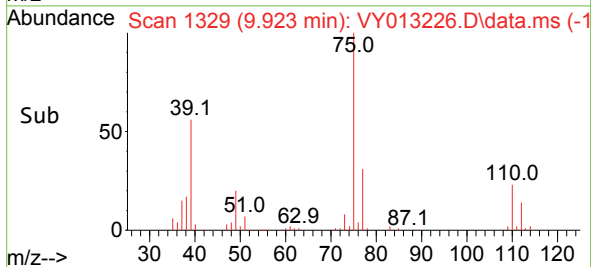
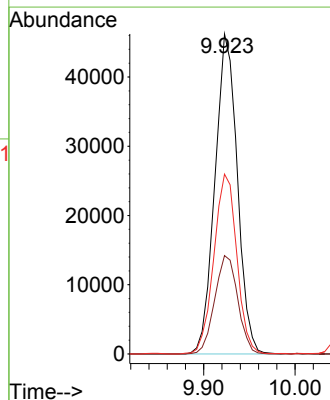
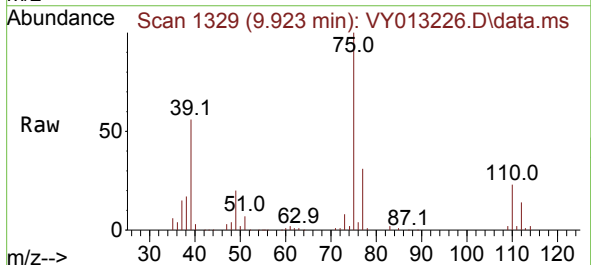
Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY040723

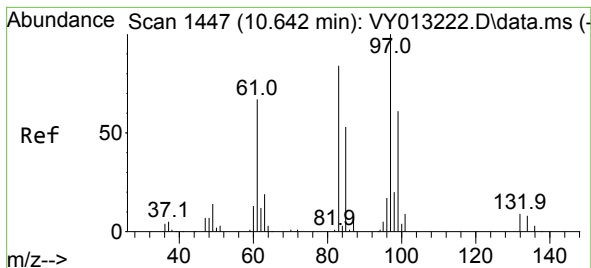
Tgt Ion: 75 Resp: 73687
 Ion Ratio Lower Upper
 75 100
 77 32.8 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 49.556 ug/l
 RT: 9.923 min Scan# 1329
 Delta R.T. 0.000 min
 Lab File: VY013226.D
 Acq: 07 Apr 2023 19:40

Tgt Ion: 75 Resp: 78727
 Ion Ratio Lower Upper
 75 100
 77 30.7 25.4 38.0
 39 56.2 39.0 58.4





#55

1,1,2-Trichloroethane

Concen: 49.063 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. 0.000 min

Lab File: VY013226.D

Acq: 07 Apr 2023 19:40

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY040723

Tgt Ion: 97 Resp: 40020

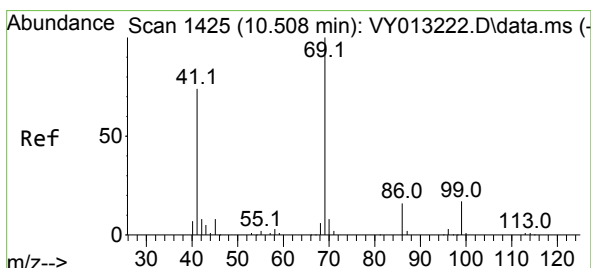
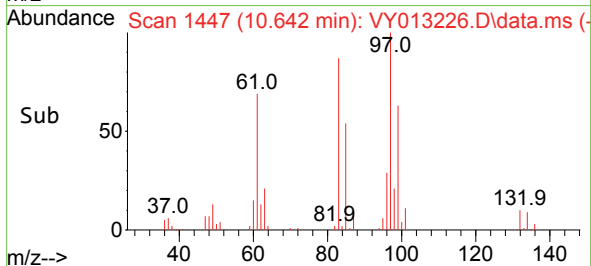
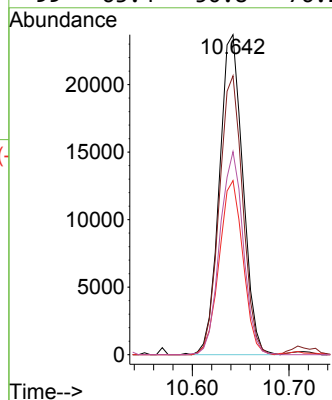
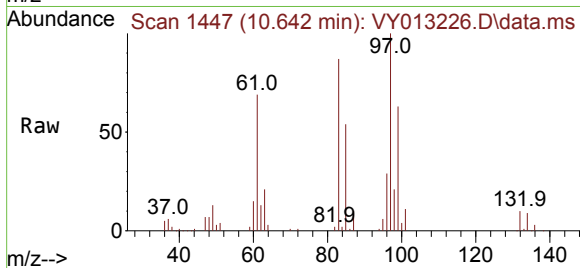
Ion Ratio Lower Upper

97 100

83 87.2 69.0 103.6

85 54.4 44.9 67.3

99 63.4 50.8 76.2



#56

Ethyl methacrylate

Concen: 54.122 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. 0.000 min

Lab File: VY013226.D

Acq: 07 Apr 2023 19:40

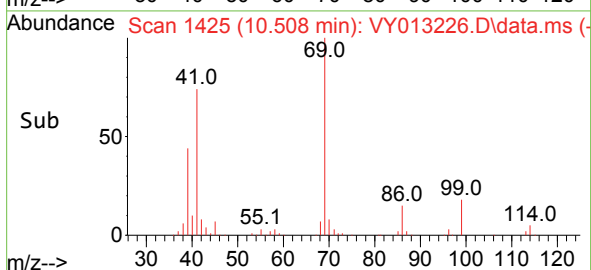
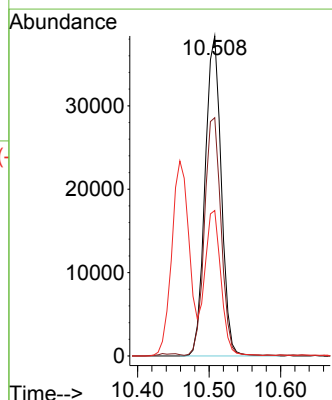
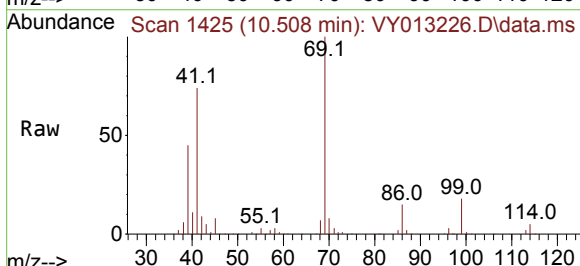
Tgt Ion: 69 Resp: 60296

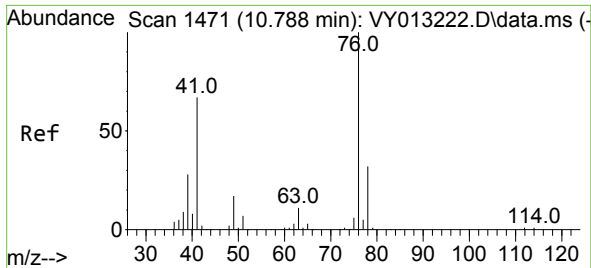
Ion Ratio Lower Upper

69 100

41 76.1 56.4 84.6

39 44.9 30.8 46.2

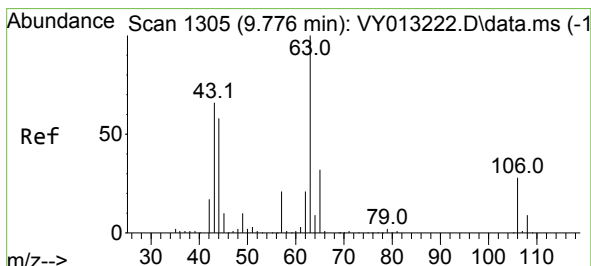
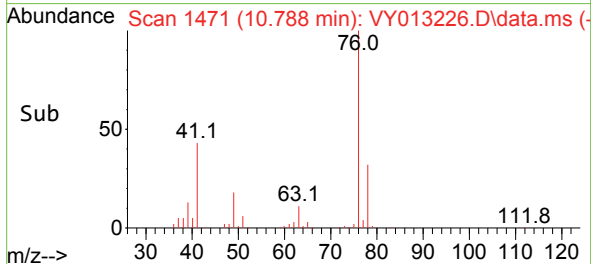
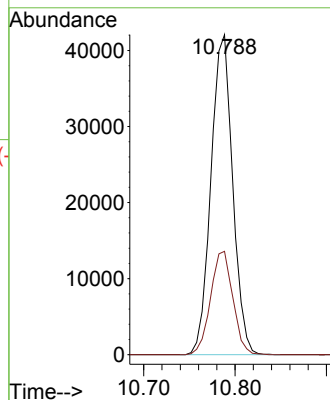
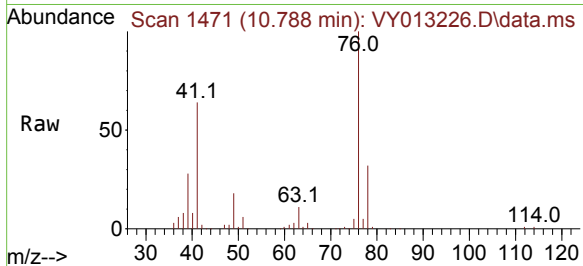




#57
1,3-Dichloropropane
Concen: 49.232 ug/l
RT: 10.788 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VY013226.D
Acq: 07 Apr 2023 19:40

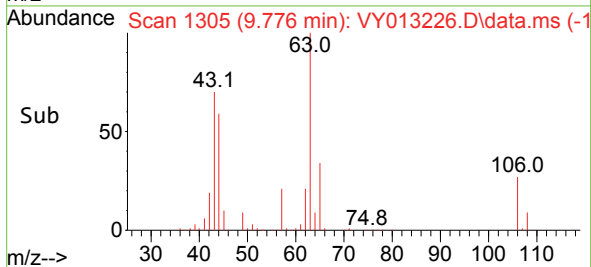
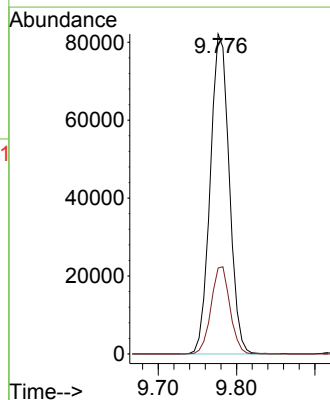
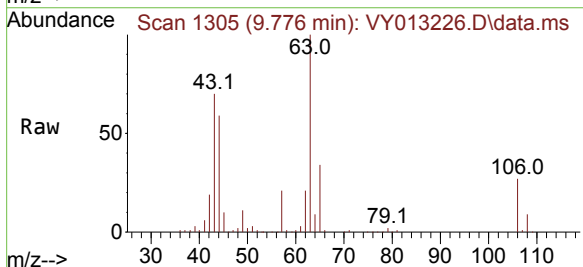
Instrument : MSVOA_Y
ClientSampleId : ICVVY040723

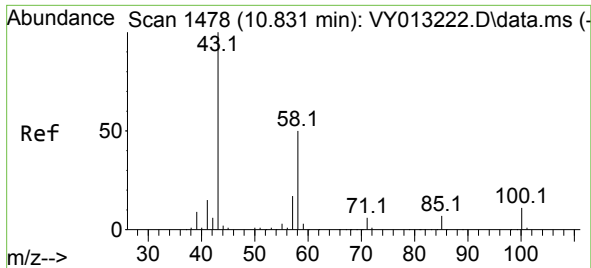
Tgt Ion: 76 Resp: 69216
Ion Ratio Lower Upper
76 100
78 33.2 26.2 39.4



#58
2-Chloroethyl Vinyl ether
Concen: 262.148 ug/l
RT: 9.776 min Scan# 1305
Delta R.T. 0.000 min
Lab File: VY013226.D
Acq: 07 Apr 2023 19:40

Tgt Ion: 63 Resp: 138128
Ion Ratio Lower Upper
63 100
106 27.1 22.1 33.1

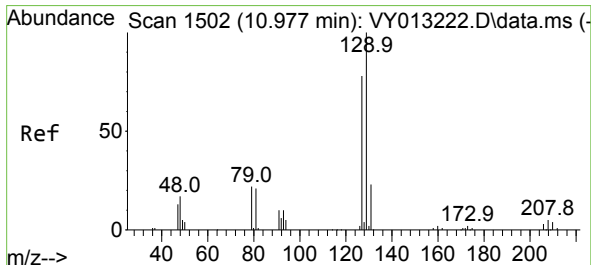
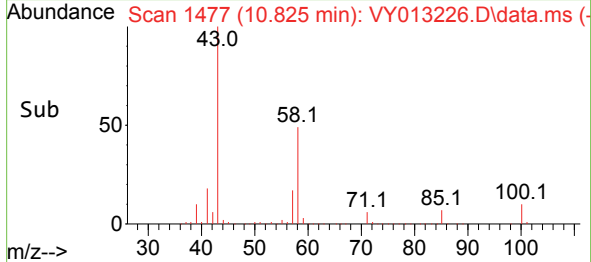
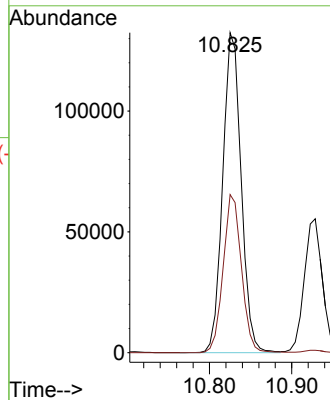
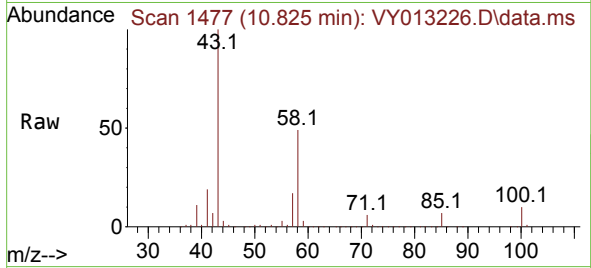




#59
2-Hexanone
Concen: 270.952 ug/l
RT: 10.825 min Scan# 1478
Delta R.T. -0.006 min
Lab File: VY013226.D
Acq: 07 Apr 2023 19:40

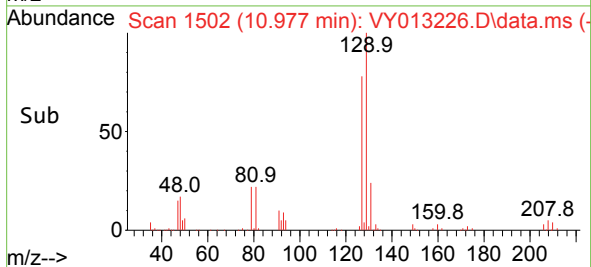
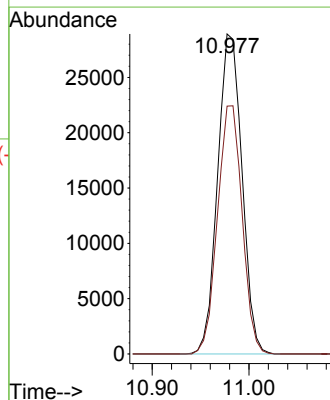
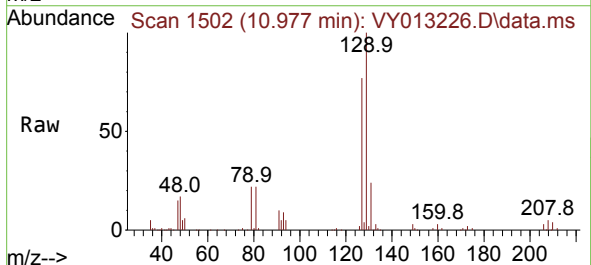
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY040723

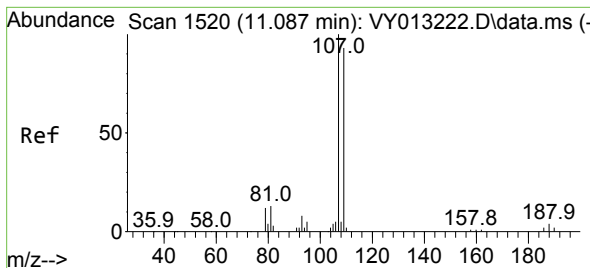
Tgt Ion: 43 Resp: 206665
Ion Ratio Lower Upper
43 100
58 49.0 25.9 77.8



#60
Dibromochloromethane
Concen: 49.983 ug/l
RT: 10.977 min Scan# 1502
Delta R.T. 0.000 min
Lab File: VY013226.D
Acq: 07 Apr 2023 19:40

Tgt Ion: 129 Resp: 50584
Ion Ratio Lower Upper
129 100
127 78.2 38.7 116.1

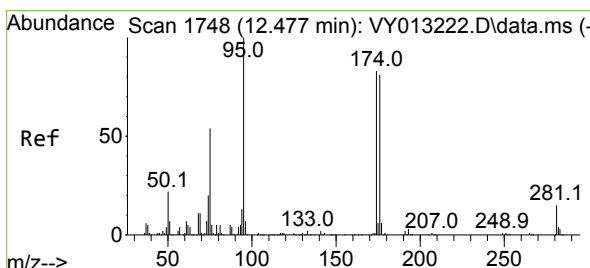
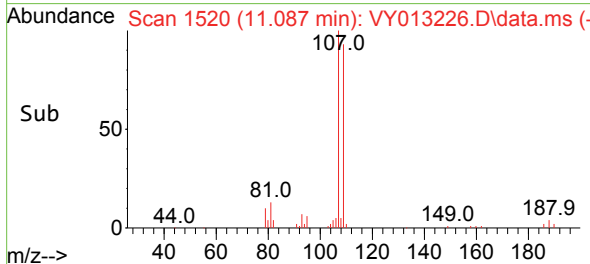
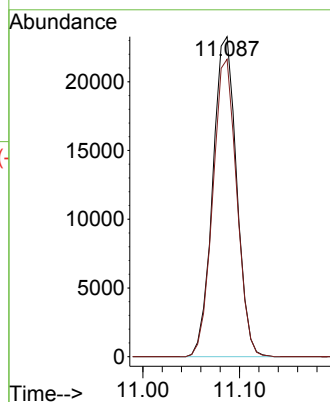
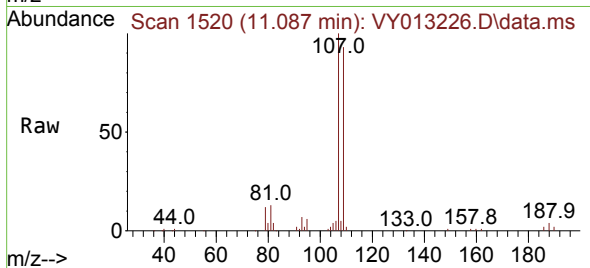




#61
1,2-Dibromoethane
Concen: 50.538 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY013226.D
Acq: 07 Apr 2023 19:40

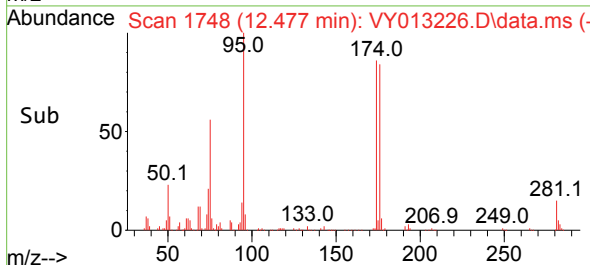
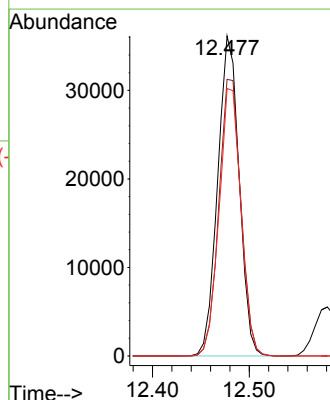
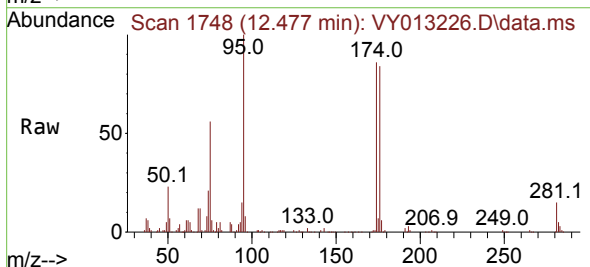
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY040723

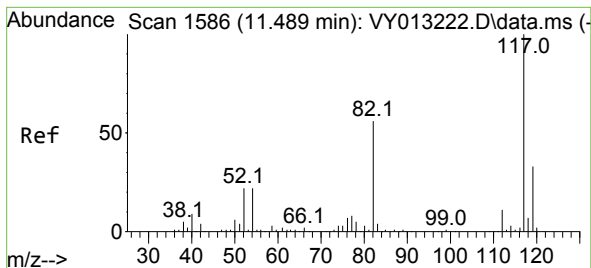
Tgt Ion:107 Resp: 39835
Ion Ratio Lower Upper
107 100
109 93.1 75.0 112.6



#62
4-Bromofluorobenzene
Concen: 51.969 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY013226.D
Acq: 07 Apr 2023 19:40

Tgt Ion: 95 Resp: 55582
Ion Ratio Lower Upper
95 100
174 88.7 0.0 176.6
176 85.6 0.0 170.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY013226.D

Acq: 07 Apr 2023 19:40

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY040723

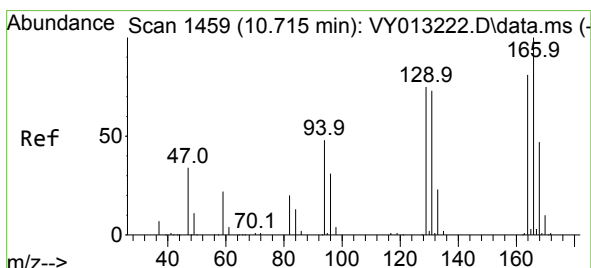
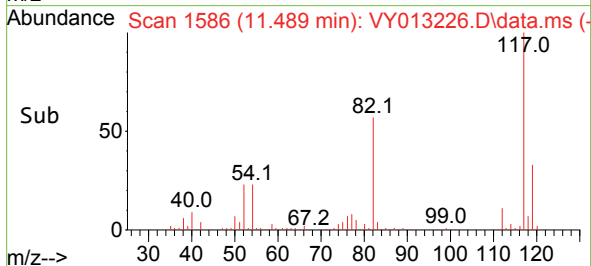
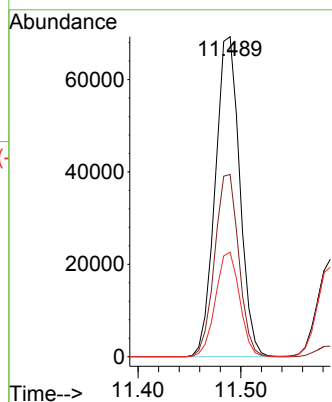
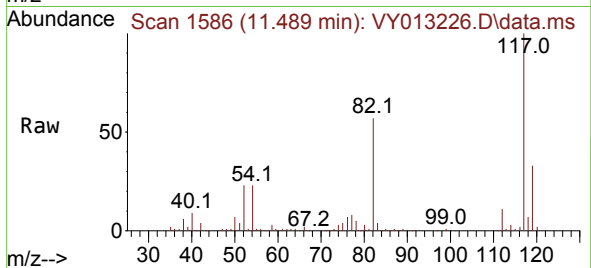
Tgt Ion:117 Resp: 114374

Ion Ratio Lower Upper

117 100

82 57.0 45.4 68.0

119 32.7 25.6 38.4



#64

Tetrachloroethene

Concen: 47.952 ug/l

RT: 10.715 min Scan# 1459

Delta R.T. 0.000 min

Lab File: VY013226.D

Acq: 07 Apr 2023 19:40

Tgt Ion:164 Resp: 41343

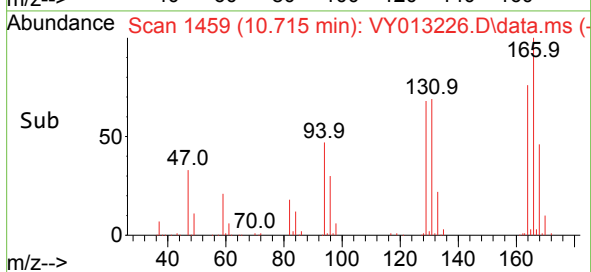
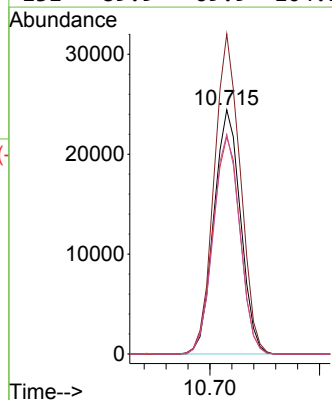
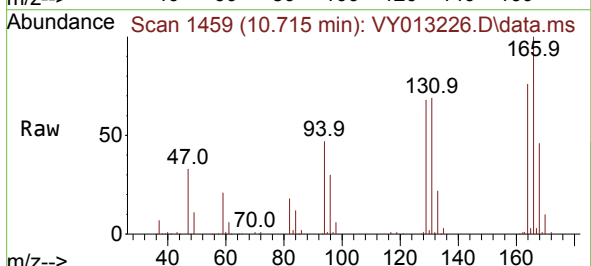
Ion Ratio Lower Upper

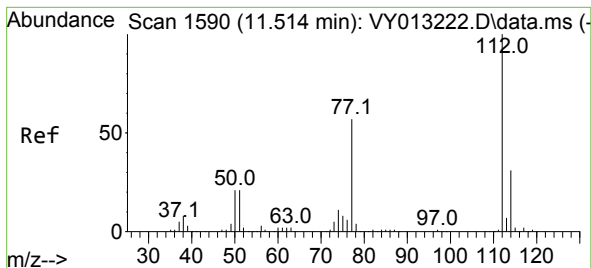
164 100

166 131.1 103.4 155.2

129 89.0 71.4 107.2

131 89.9 69.9 104.9





#65

Chlorobenzene

Concen: 49.682 ug/l

RT: 11.514 min Scan# 1590

Delta R.T. 0.000 min

Lab File: VY013226.D

Acq: 07 Apr 2023 19:40

Instrument :

MSVOA_Y

ClientSampleId :

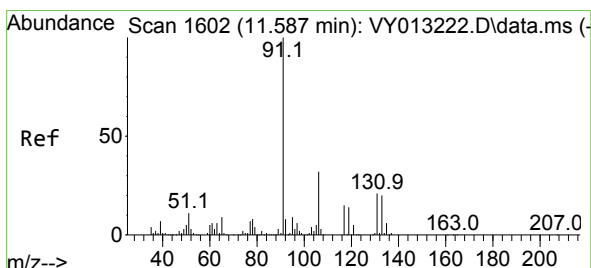
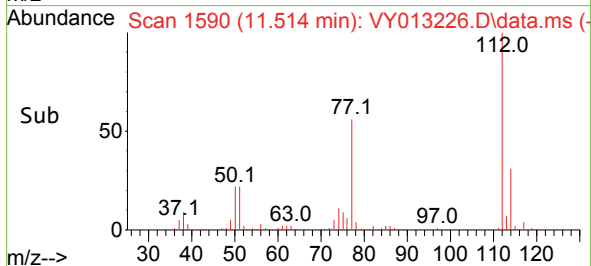
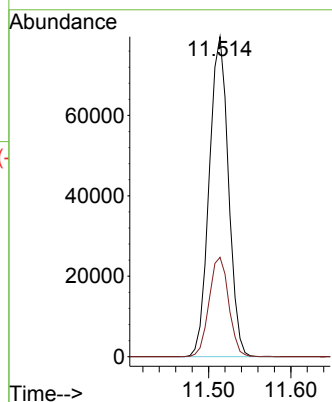
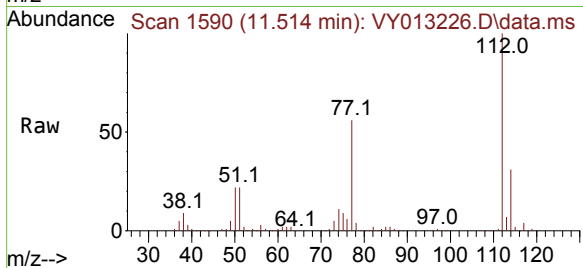
ICVVY040723

Tgt Ion:112 Resp: 129362

Ion Ratio Lower Upper

112 100

114 31.1 24.5 36.7



#66

1,1,1,2-Tetrachloroethane

Concen: 49.811 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VY013226.D

Acq: 07 Apr 2023 19:40

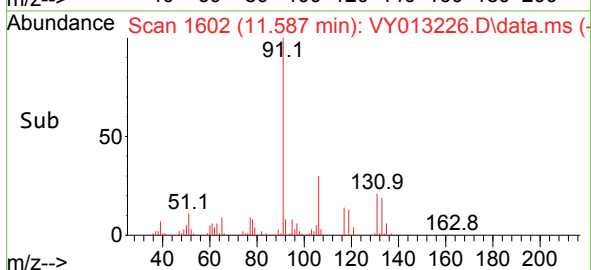
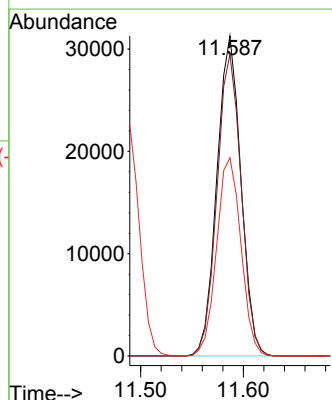
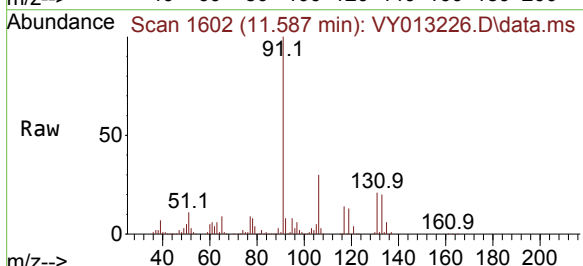
Tgt Ion:131 Resp: 50672

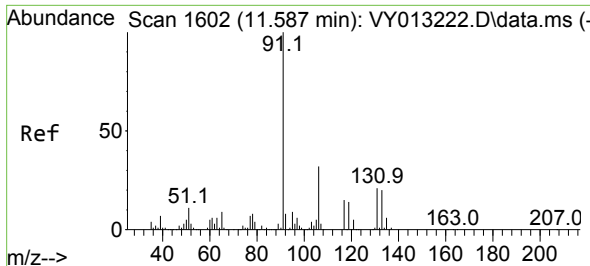
Ion Ratio Lower Upper

131 100

133 94.9 48.0 144.0

119 62.9 32.6 98.0





#67

Ethyl Benzene

Concen: 51.253 ug/l

RT: 11.587 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY013226.D

Acq: 07 Apr 2023 19:40

Instrument :

MSVOA_Y

ClientSampleId :

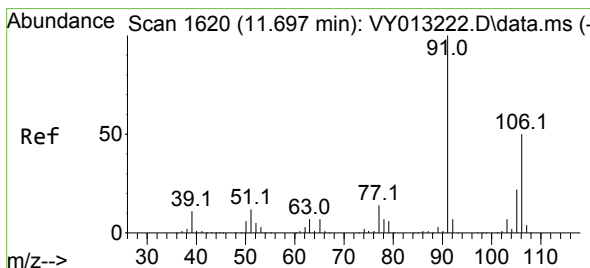
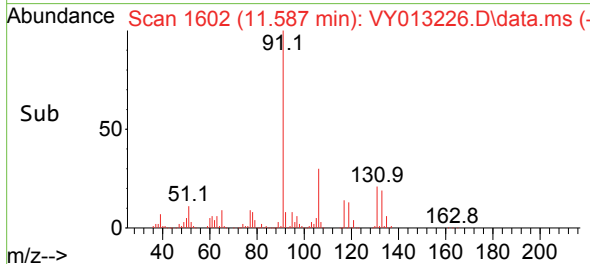
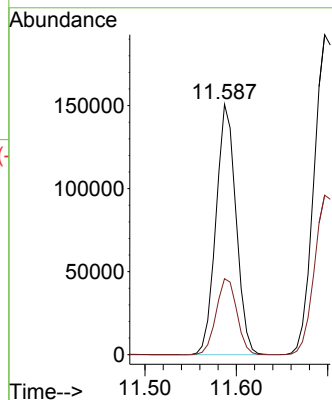
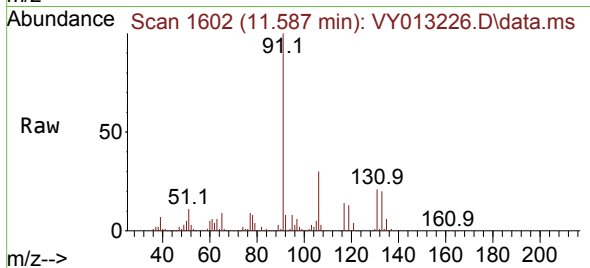
ICVVY040723

Tgt Ion: 91 Resp: 229834

Ion Ratio Lower Upper

91 100

106 30.4 25.1 37.7



#68

m/p-Xylenes

Concen: 102.979 ug/l

RT: 11.697 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VY013226.D

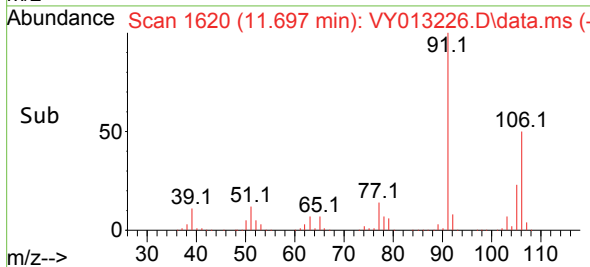
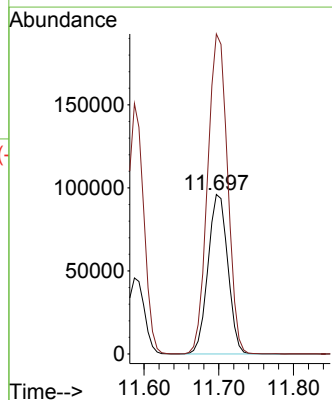
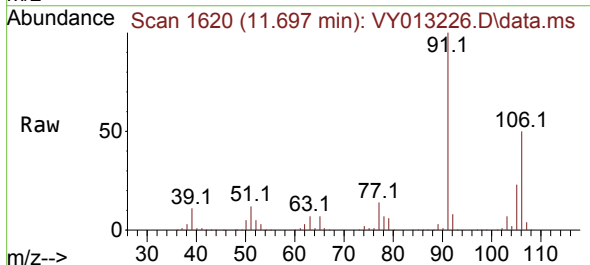
Acq: 07 Apr 2023 19:40

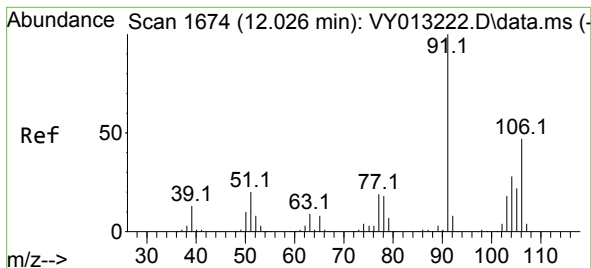
Tgt Ion:106 Resp: 176616

Ion Ratio Lower Upper

106 100

91 201.6 159.8 239.8





#69

o-Xylene

Concen: 52.305 ug/l

RT: 12.026 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY013226.D

Acq: 07 Apr 2023 19:40

Instrument :

MSVOA_Y

ClientSampleId :

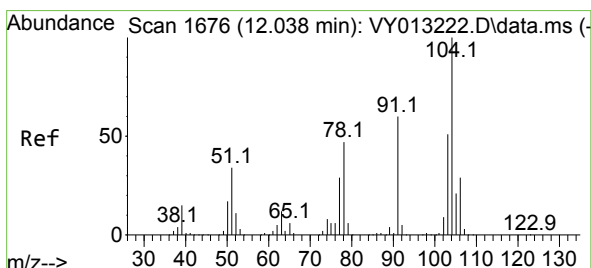
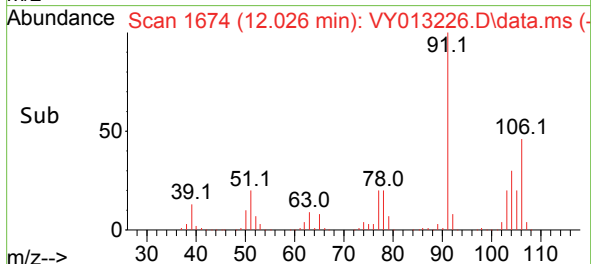
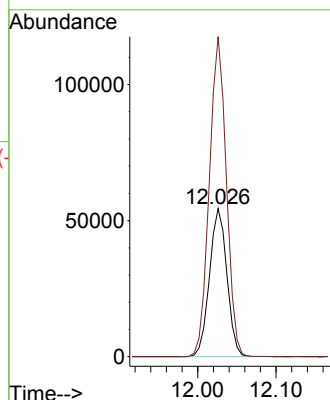
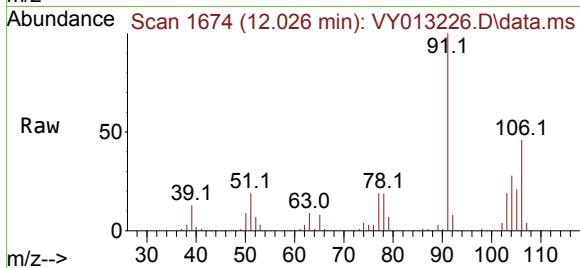
ICVVY040723

Tgt Ion:106 Resp: 83883

Ion Ratio Lower Upper

106 100

91 211.4 107.2 321.6



#70

Styrene

Concen: 52.671 ug/l

RT: 12.038 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VY013226.D

Acq: 07 Apr 2023 19:40

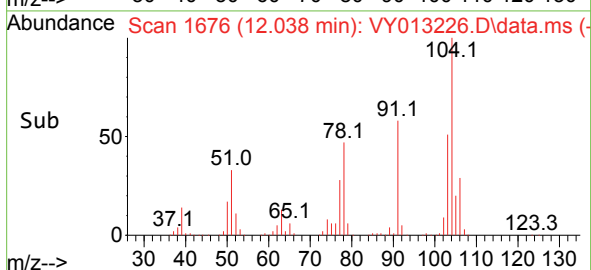
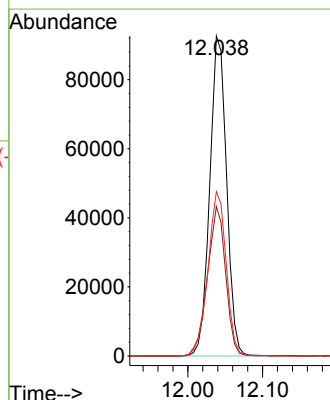
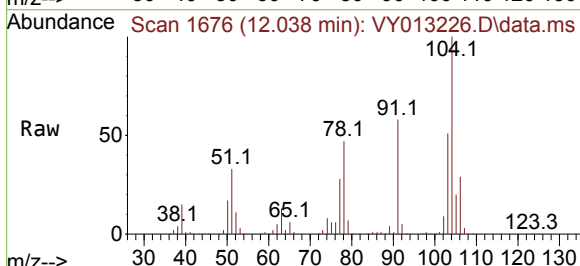
Tgt Ion:104 Resp: 144788

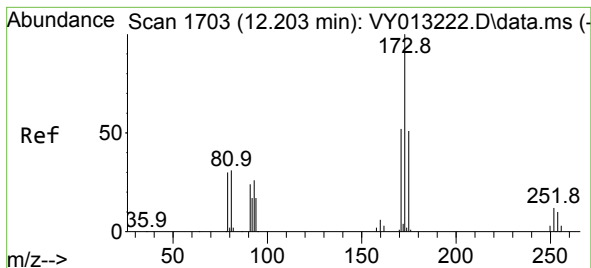
Ion Ratio Lower Upper

104 100

78 50.5 39.2 58.8

103 55.6 43.7 65.5





#71

Bromoform

Concen: 50.241 ug/l

RT: 12.203 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY013226.D

Acq: 07 Apr 2023 19:40

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY040723

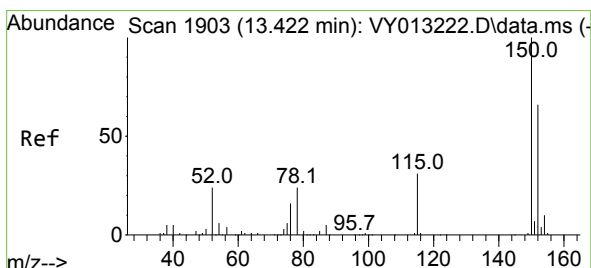
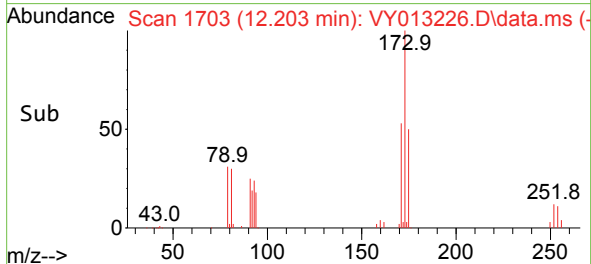
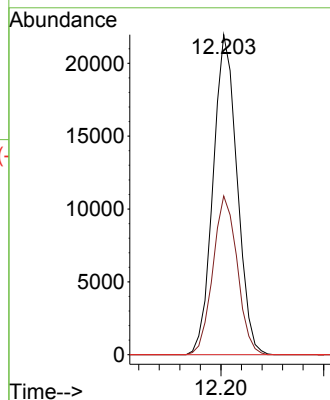
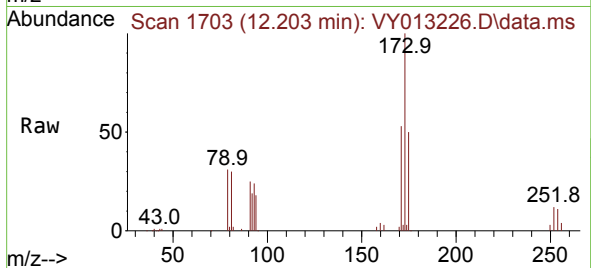
Tgt Ion:173 Resp: 35558

Ion Ratio Lower Upper

173 100

175 50.2 25.0 75.0

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY013226.D

Acq: 07 Apr 2023 19:40

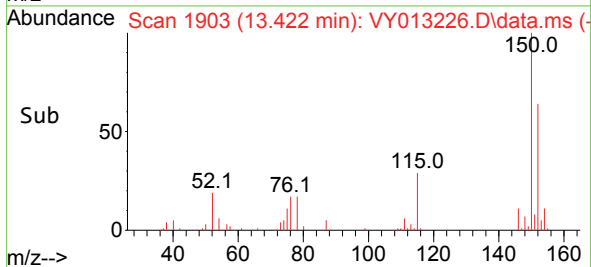
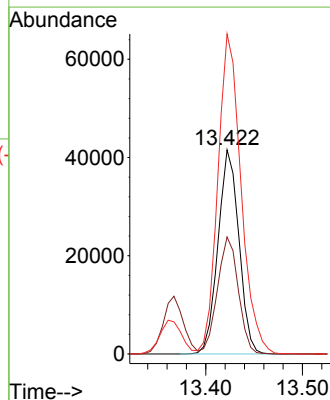
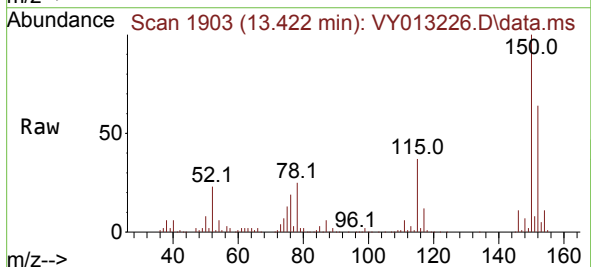
Tgt Ion:152 Resp: 62292

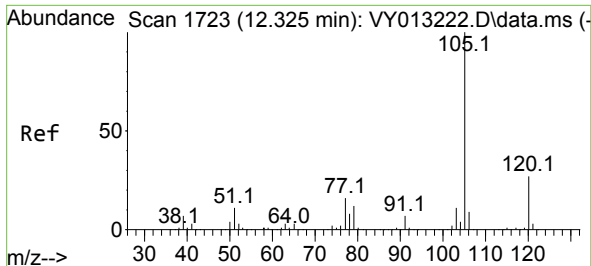
Ion Ratio Lower Upper

152 100

115 57.3 27.1 81.3

150 173.8 0.0 347.8

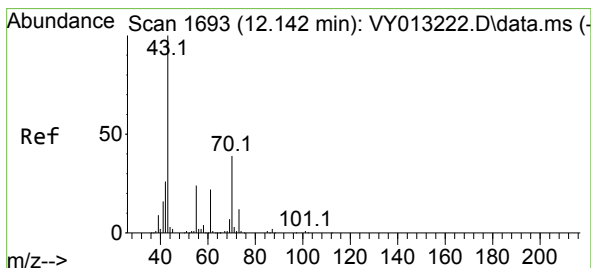
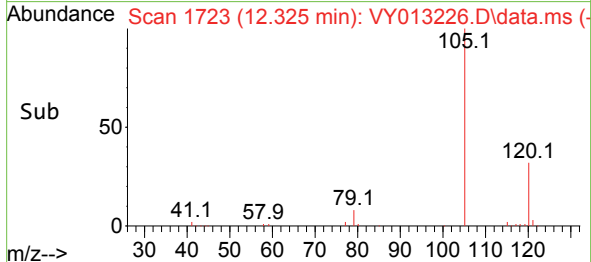
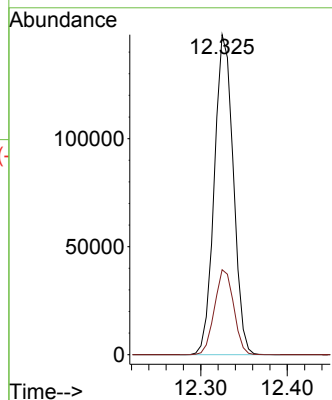
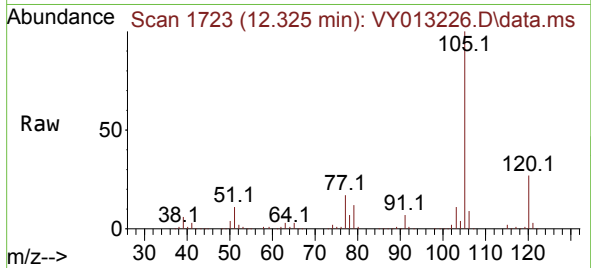




#73
Isopropylbenzene
Concen: 49.754 ug/l
RT: 12.325 min Scan# 1723
Delta R.T. 0.000 min
Lab File: VY013226.D
Acq: 07 Apr 2023 19:40

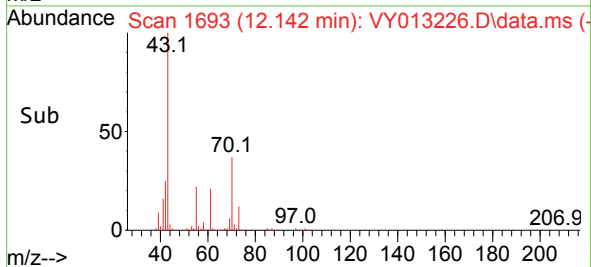
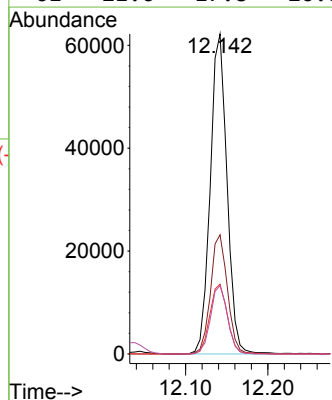
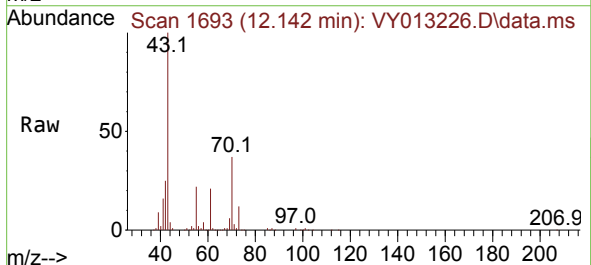
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY040723

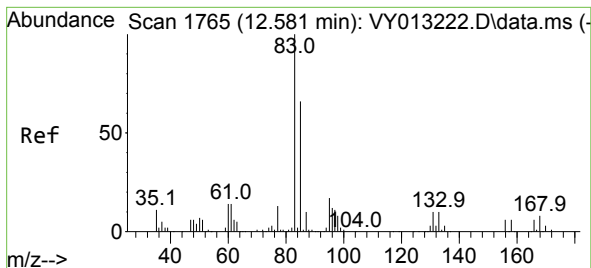
Tgt Ion:105 Resp: 225243
Ion Ratio Lower Upper
105 100
120 26.8 13.4 40.2



#74
N-ethyl acetate
Concen: 52.640 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VY013226.D
Acq: 07 Apr 2023 19:40

Tgt Ion: 43 Resp: 88075
Ion Ratio Lower Upper
43 100
70 37.7 31.6 47.4
55 22.8 18.8 28.2
61 21.6 17.8 26.8

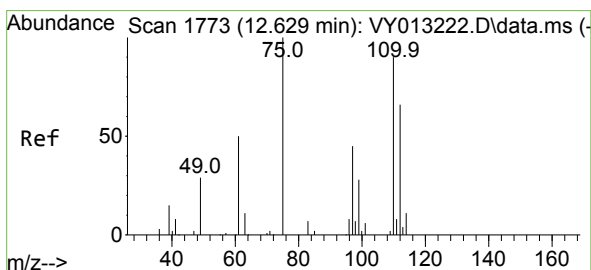
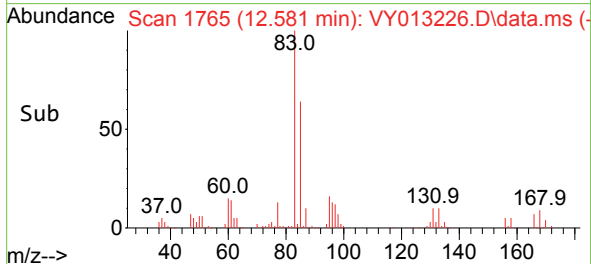
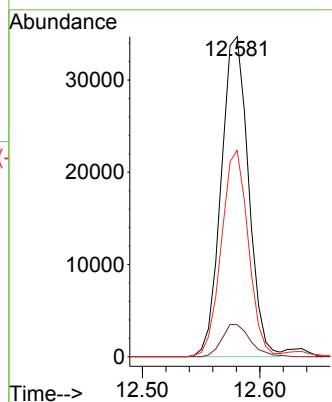
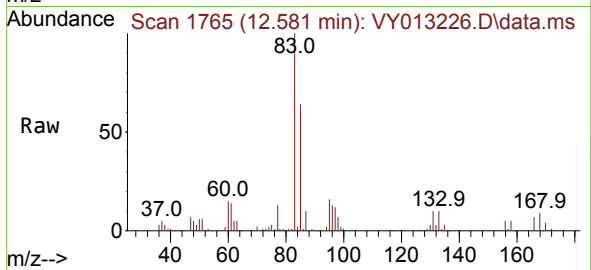




#75
1,1,2,2-Tetrachloroethane
Concen: 48.737 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. 0.000 min
Lab File: VY013226.D
Acq: 07 Apr 2023 19:40

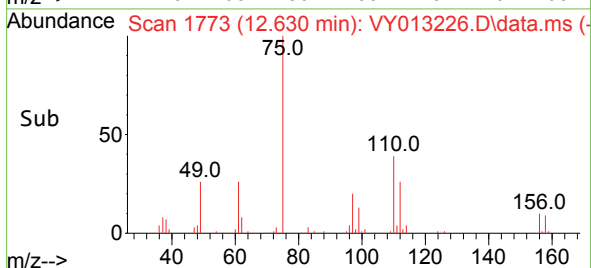
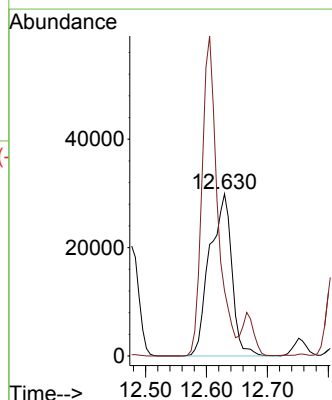
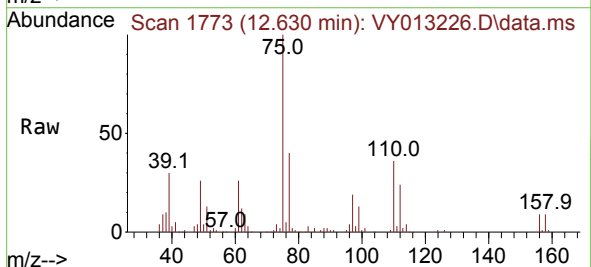
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY040723

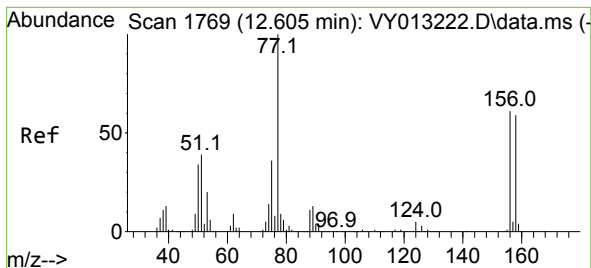
Tgt Ion: 83 Resp: 56242
Ion Ratio Lower Upper
83 100
131 10.5 5.1 15.2
85 63.6 31.8 95.3



#76
1,2,3-Trichloropropane
Concen: 87.778 ug/l
RT: 12.630 min Scan# 1773
Delta R.T. 0.001 min
Lab File: VY013226.D
Acq: 07 Apr 2023 19:40

Tgt Ion: 75 Resp: 75369
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 48.319 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY013226.D

Acq: 07 Apr 2023 19:40

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY040723

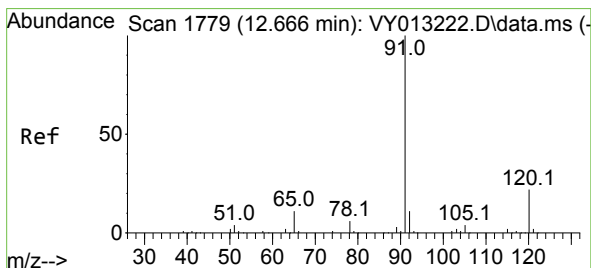
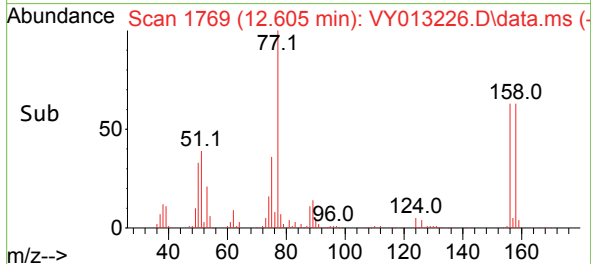
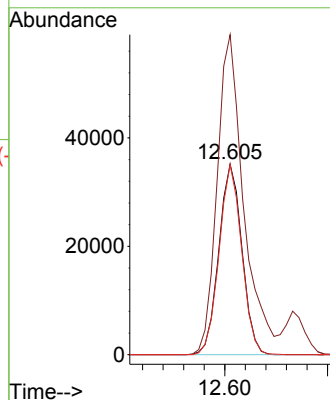
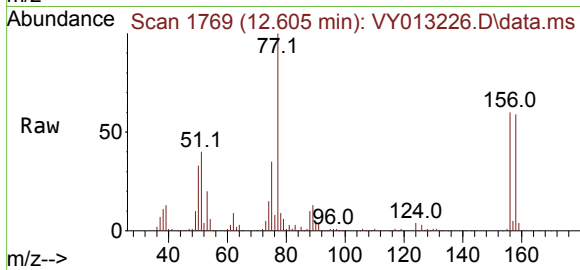
Tgt Ion:156 Resp: 54780

Ion Ratio Lower Upper

156 100

77 192.3 94.0 282.1

158 97.2 48.1 144.4



#78

n-propylbenzene

Concen: 50.108 ug/l

RT: 12.666 min Scan# 1779

Delta R.T. 0.000 min

Lab File: VY013226.D

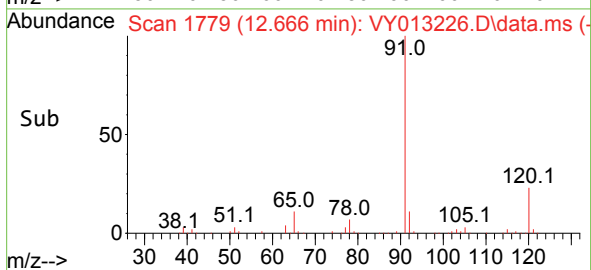
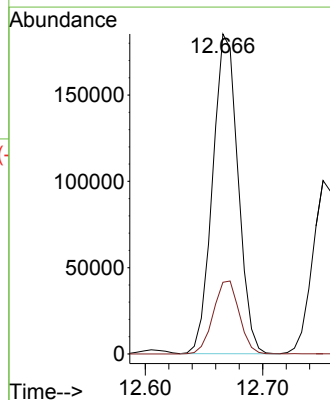
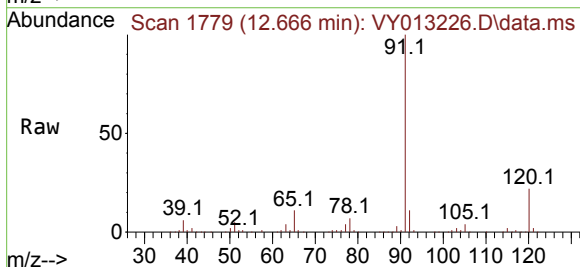
Acq: 07 Apr 2023 19:40

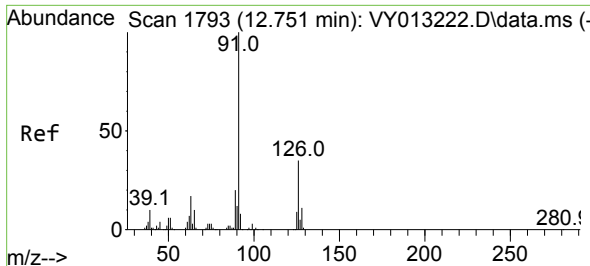
Tgt Ion: 91 Resp: 278274

Ion Ratio Lower Upper

91 100

120 23.3 11.6 34.8

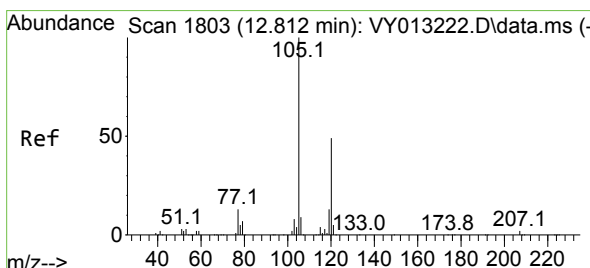
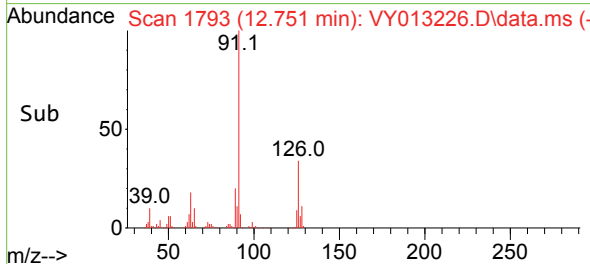
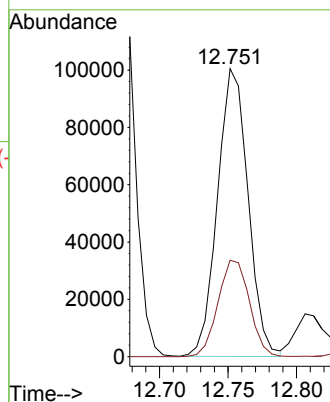
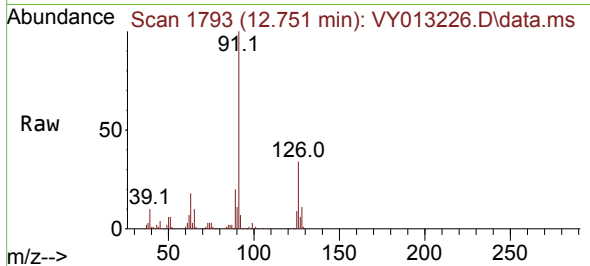




#79
2-Chlorotoluene
Concen: 49.328 ug/l
RT: 12.751 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VY013226.D
Acq: 07 Apr 2023 19:40

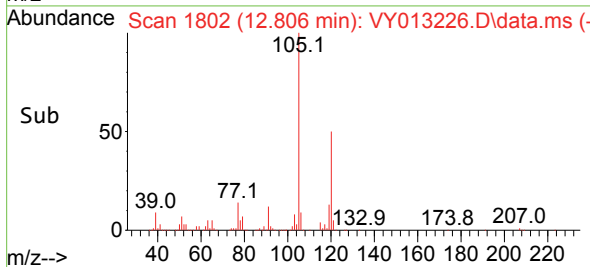
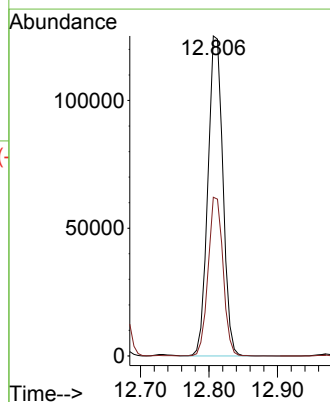
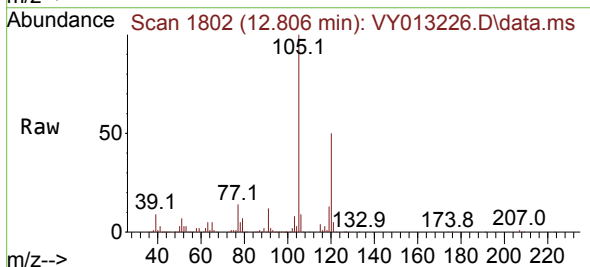
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY040723

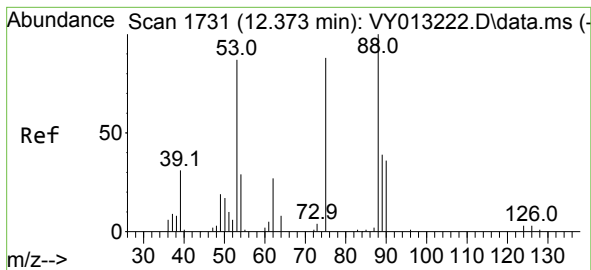
Tgt Ion: 91 Resp: 155983
Ion Ratio Lower Upper
91 100
126 34.5 17.4 52.2



#80
1,3,5-Trimethylbenzene
Concen: 50.979 ug/l
RT: 12.806 min Scan# 1802
Delta R.T. -0.006 min
Lab File: VY013226.D
Acq: 07 Apr 2023 19:40

Tgt Ion: 105 Resp: 191128
Ion Ratio Lower Upper
105 100
120 49.3 24.8 74.4

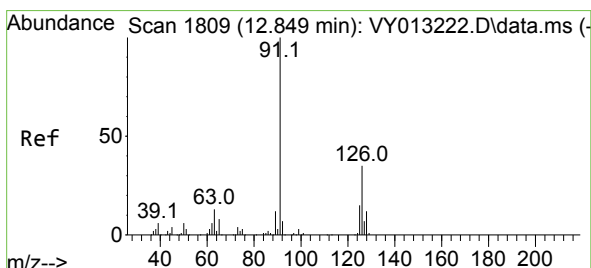
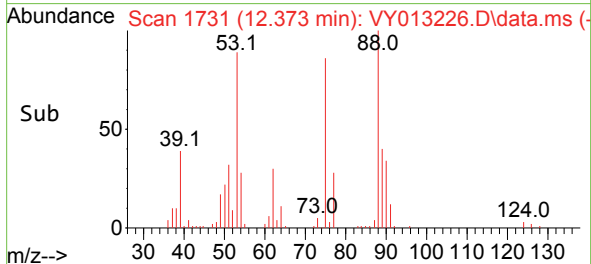
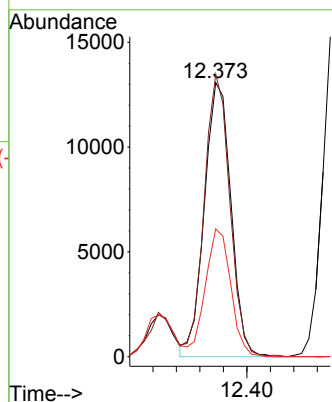
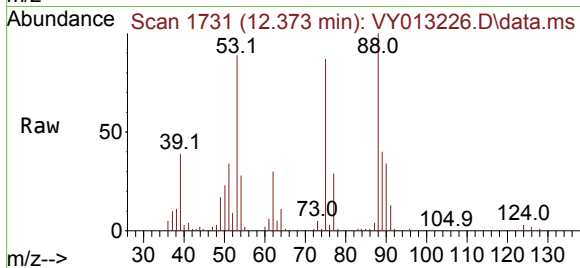




#81
trans-1,4-Dichloro-2-butene
Concen: 49.759 ug/l
RT: 12.373 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013226.D
Acq: 07 Apr 2023 19:40

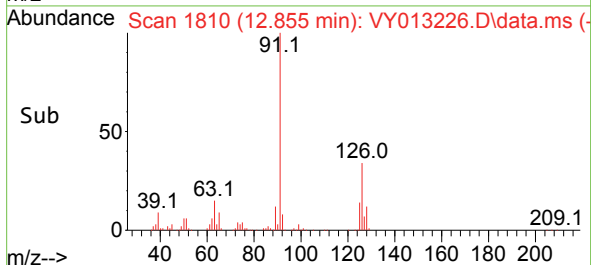
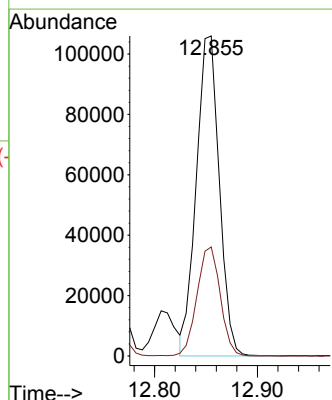
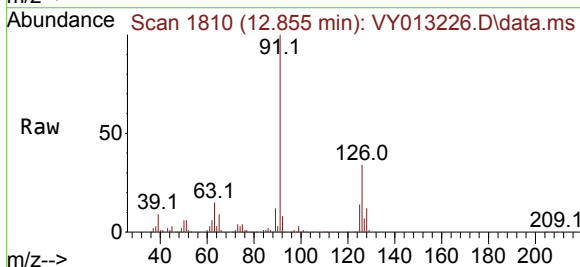
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY040723

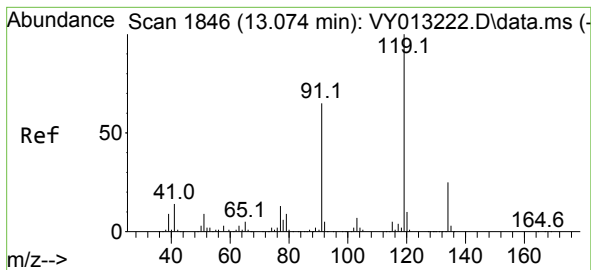
Tgt Ion: 75 Resp: 20476
Ion Ratio Lower Upper
75 100
53 99.7 73.4 110.0
89 44.5 36.6 55.0



#82
4-Chlorotoluene
Concen: 50.039 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.006 min
Lab File: VY013226.D
Acq: 07 Apr 2023 19:40

Tgt Ion: 91 Resp: 165040
Ion Ratio Lower Upper
91 100
126 34.6 17.7 53.1

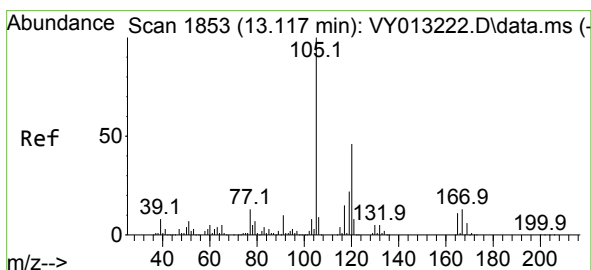
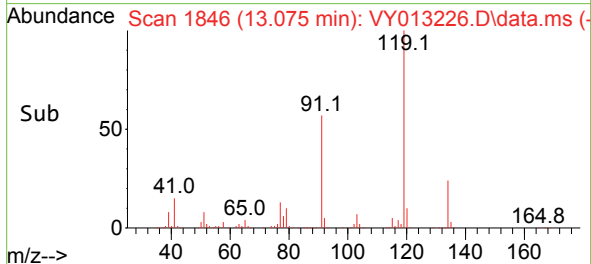
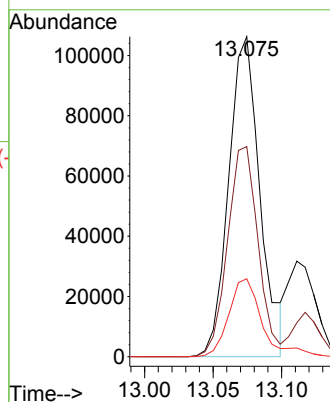
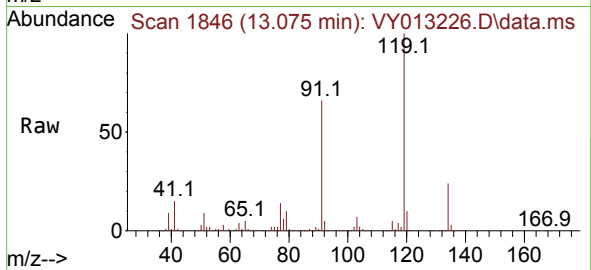




#83
tert-Butylbenzene
Concen: 51.128 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. 0.000 min
Lab File: VY013226.D
Acq: 07 Apr 2023 19:40

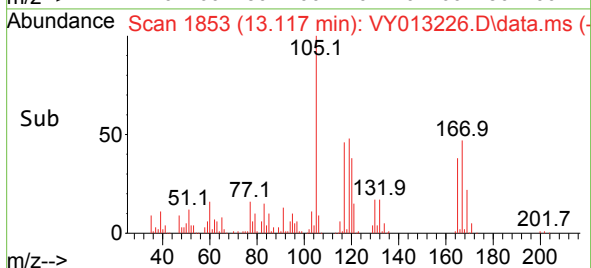
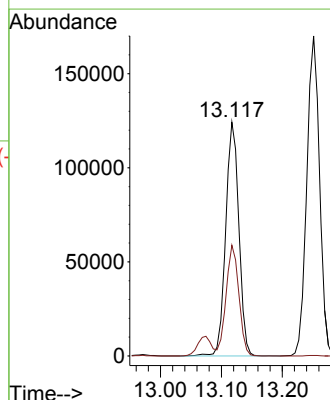
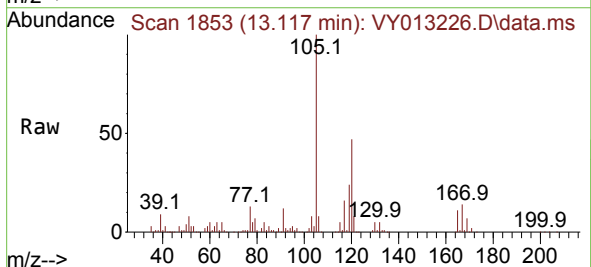
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY040723

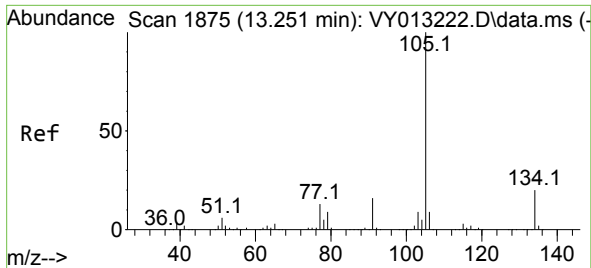
Tgt Ion:119 Resp: 168876
Ion Ratio Lower Upper
119 100
91 64.2 32.8 98.3
134 26.0 13.6 40.8



#84
1,2,4-Trimethylbenzene
Concen: 51.010 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY013226.D
Acq: 07 Apr 2023 19:40

Tgt Ion:105 Resp: 186741
Ion Ratio Lower Upper
105 100
120 45.7 23.0 69.0

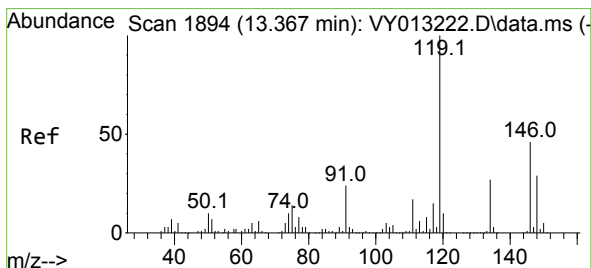
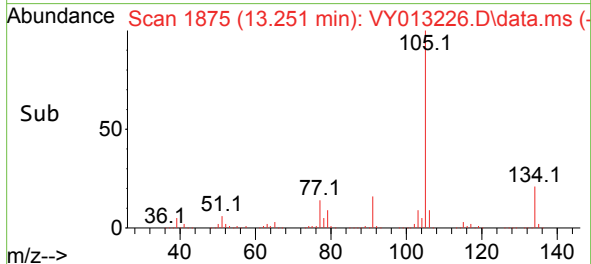
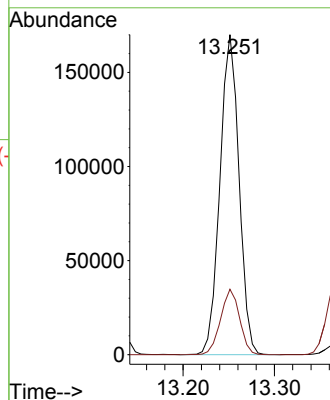
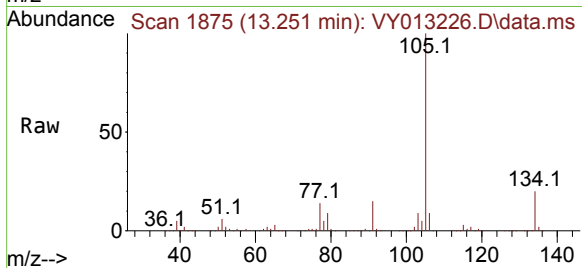




#85
 sec-Butylbenzene
 Concen: 50.863 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. 0.000 min
 Lab File: VY013226.D
 Acq: 07 Apr 2023 19:40

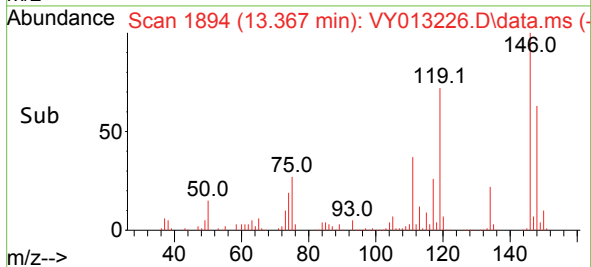
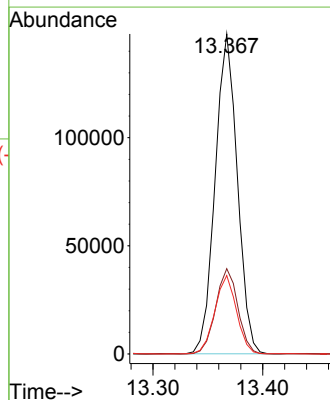
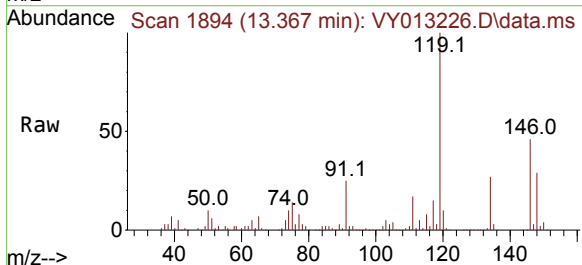
Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY040723

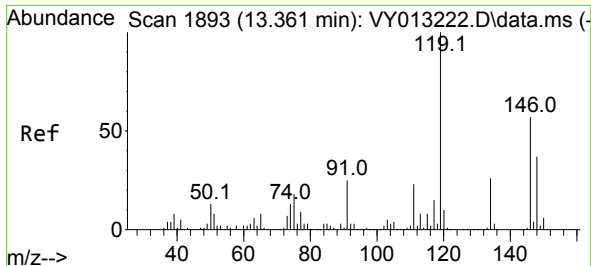
Tgt Ion:105 Resp: 247147
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 51.483 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY013226.D
 Acq: 07 Apr 2023 19:40

Tgt Ion:119 Resp: 207746
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.2 39.6
 91 24.2 11.8 35.3

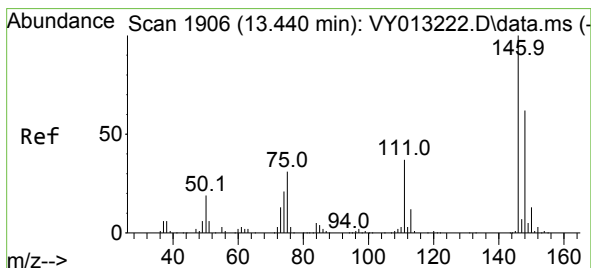
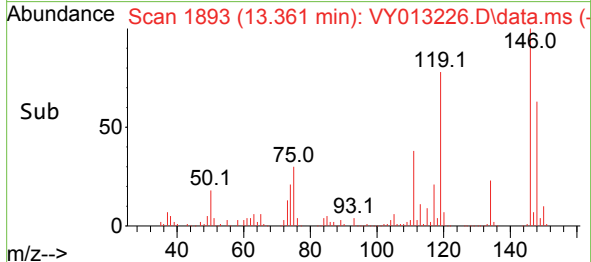
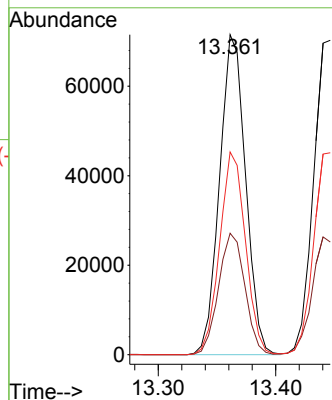
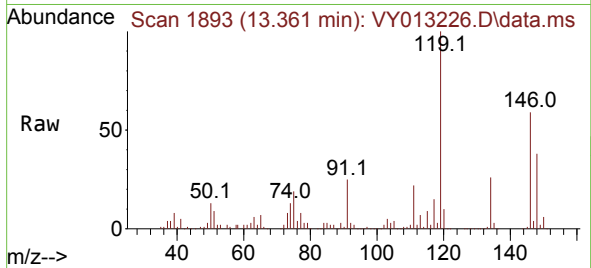




#87
1,3-Dichlorobenzene
Concen: 49.264 ug/l
RT: 13.361 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013226.D
Acq: 07 Apr 2023 19:40

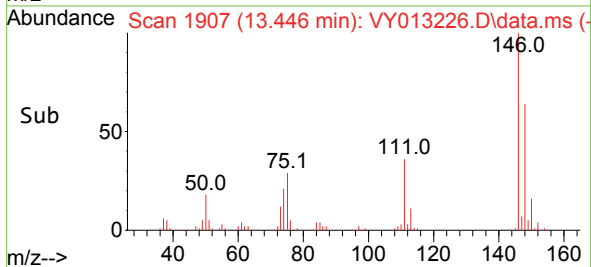
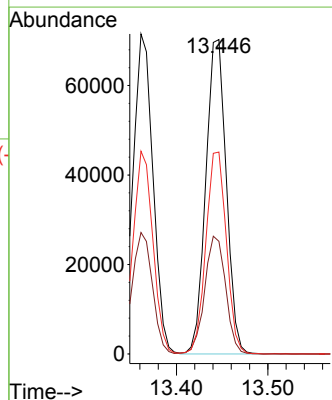
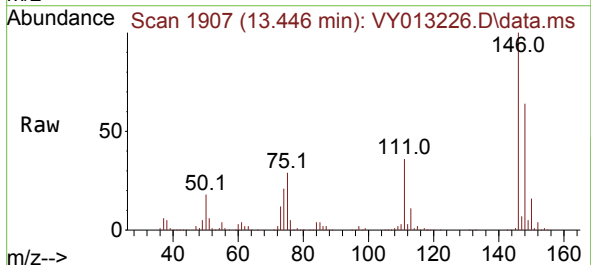
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY040723

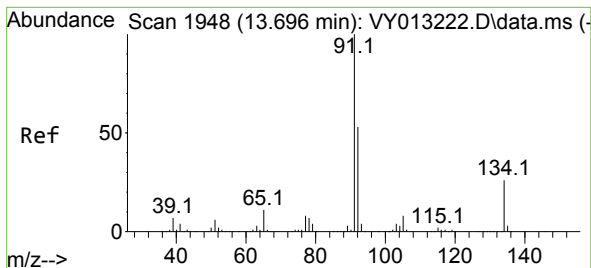
Tgt Ion:146 Resp: 110089
Ion Ratio Lower Upper
146 100
111 38.4 19.1 57.5
148 63.0 31.8 95.3



#88
1,4-Dichlorobenzene
Concen: 48.070 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. 0.006 min
Lab File: VY013226.D
Acq: 07 Apr 2023 19:40

Tgt Ion:146 Resp: 109253
Ion Ratio Lower Upper
146 100
111 38.4 18.6 55.8
148 64.4 31.5 94.5





#89

n-Butylbenzene

Concen: 50.692 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY013226.D

Acq: 07 Apr 2023 19:40

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY040723

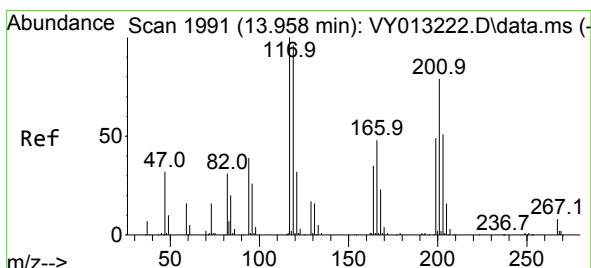
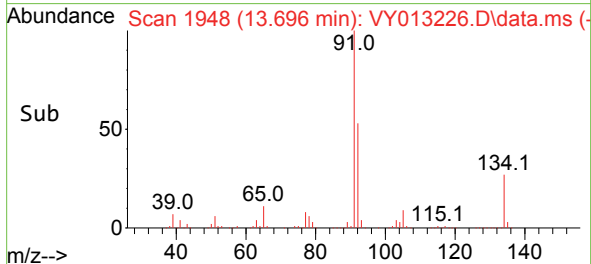
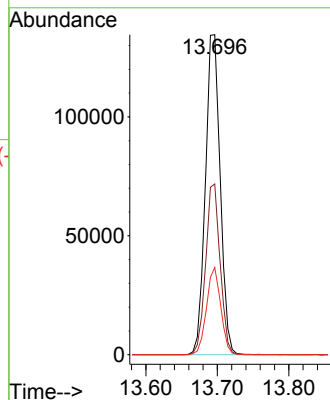
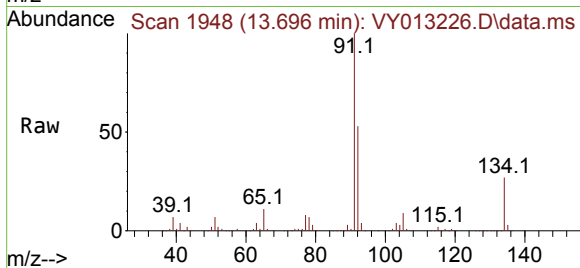
Tgt Ion: 91 Resp: 193841

Ion Ratio Lower Upper

91 100

92 52.2 26.4 79.0

134 26.2 13.0 38.9



#90

Hexachloroethane

Concen: 47.523 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. 0.000 min

Lab File: VY013226.D

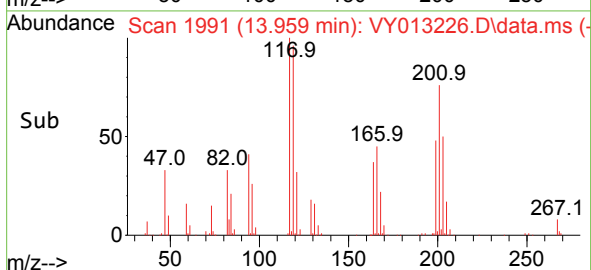
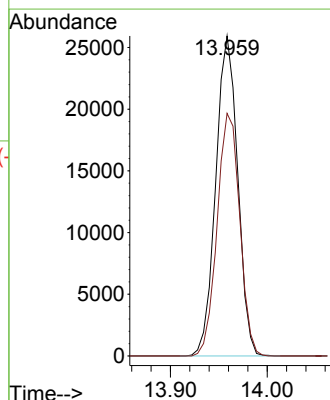
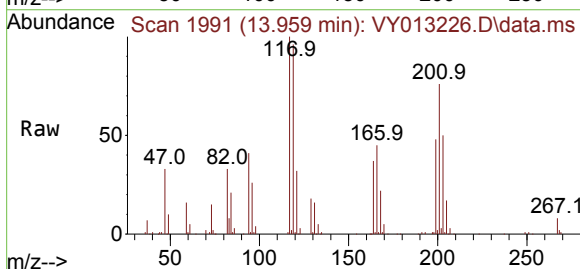
Acq: 07 Apr 2023 19:40

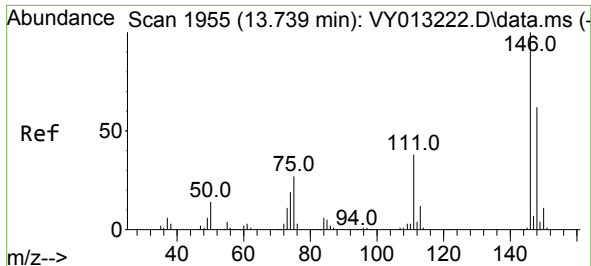
Tgt Ion: 117 Resp: 40756

Ion Ratio Lower Upper

117 100

201 78.1 39.4 118.1





#91

1,2-Dichlorobenzene

Concen: 48.965 ug/l

RT: 13.733 min Scan# 1955

Delta R.T. -0.006 min

Lab File: VY013226.D

Acq: 07 Apr 2023 19:40

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY040723

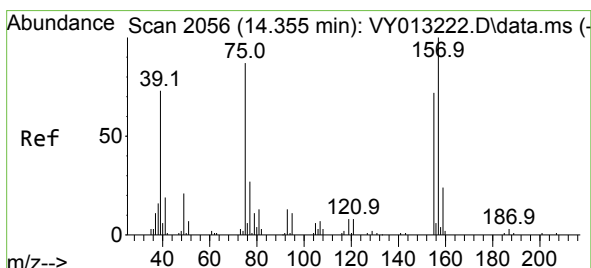
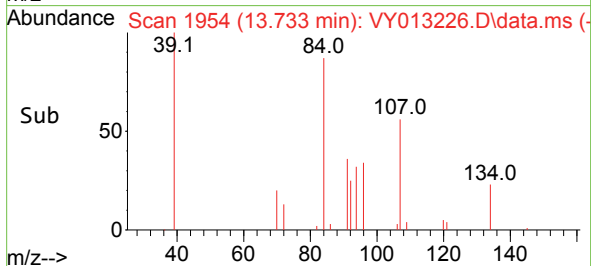
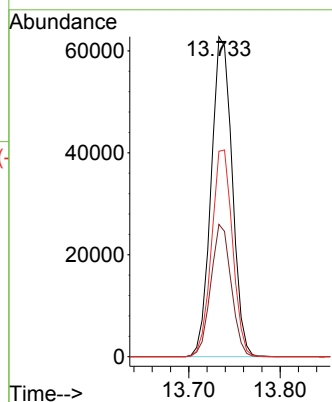
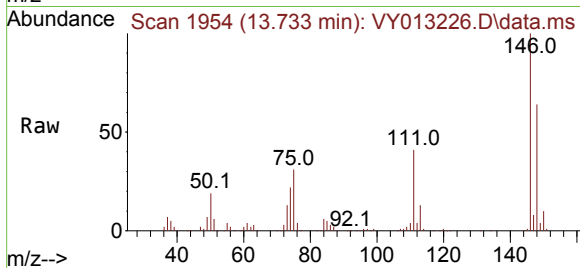
Tgt Ion:146 Resp: 100431

Ion Ratio Lower Upper

146 100

111 40.1 19.7 59.1

148 64.4 31.9 95.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 47.156 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. 0.000 min

Lab File: VY013226.D

Acq: 07 Apr 2023 19:40

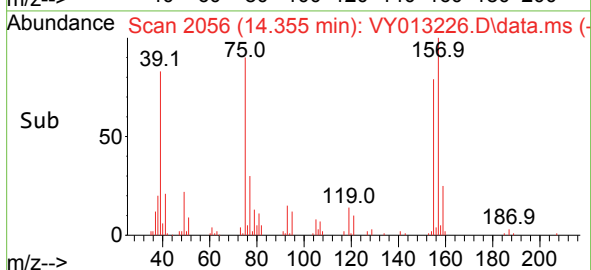
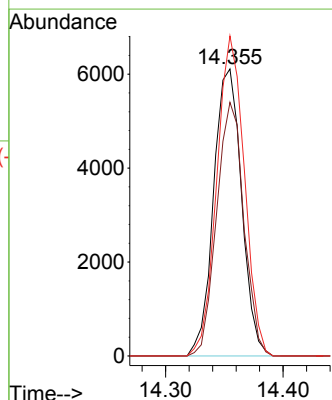
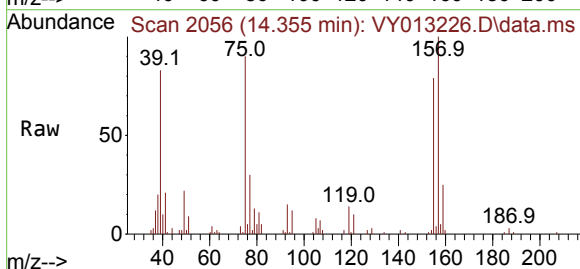
Tgt Ion: 75 Resp: 10121

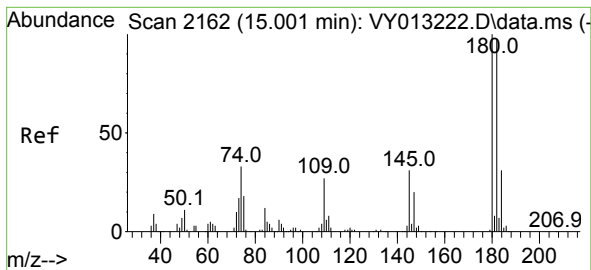
Ion Ratio Lower Upper

75 100

155 85.9 43.8 131.4

157 109.7 54.1 162.3





#93

1,2,4-Trichlorobenzene

Concen: 49.344 ug/l

RT: 15.007 min Scan# 2162

Delta R.T. 0.006 min

Lab File: VY013226.D

Acq: 07 Apr 2023 19:40

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY040723

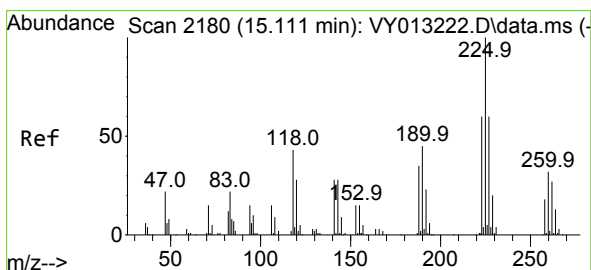
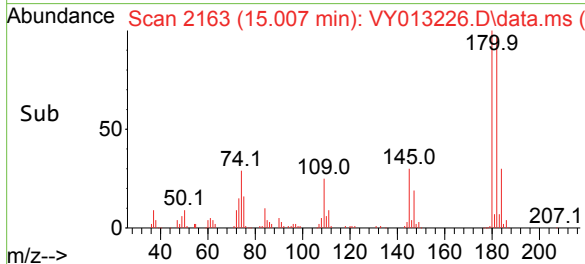
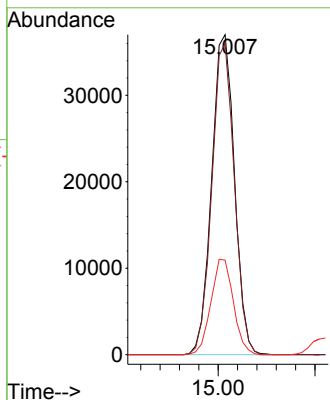
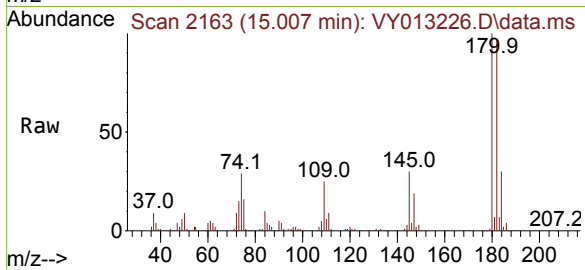
Tgt Ion:180 Resp: 60576

Ion Ratio Lower Upper

180 100

182 95.6 46.7 140.1

145 29.4 14.6 43.8



#94

Hexachlorobutadiene

Concen: 46.197 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY013226.D

Acq: 07 Apr 2023 19:40

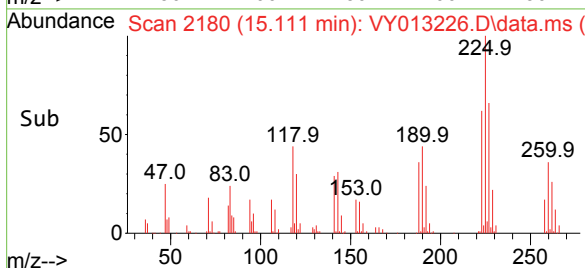
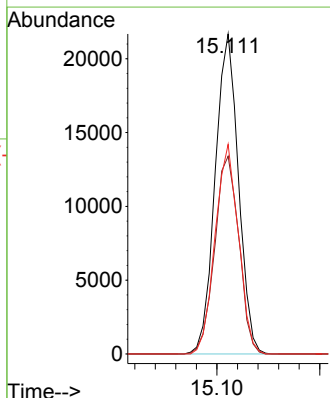
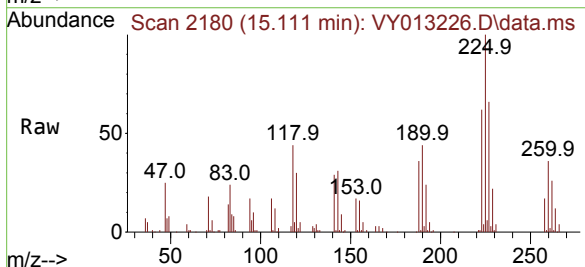
Tgt Ion:225 Resp: 33997

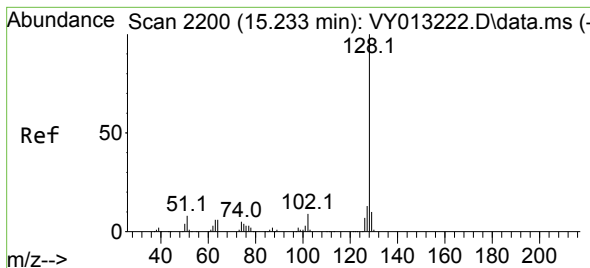
Ion Ratio Lower Upper

225 100

223 64.2 31.1 93.3

227 65.8 32.4 97.0





#95

Naphthalene

Concen: 51.908 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. 0.000 min

Lab File: VY013226.D

Acq: 07 Apr 2023 19:40

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY040723

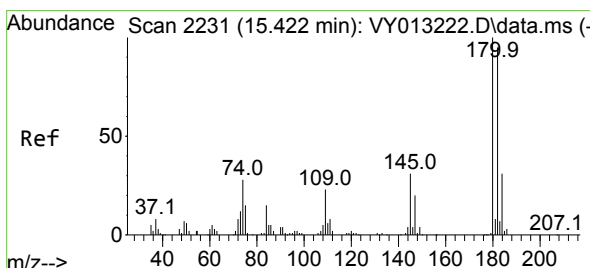
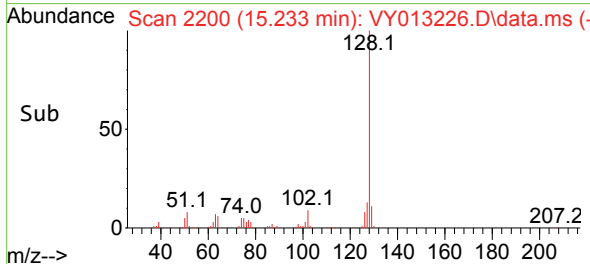
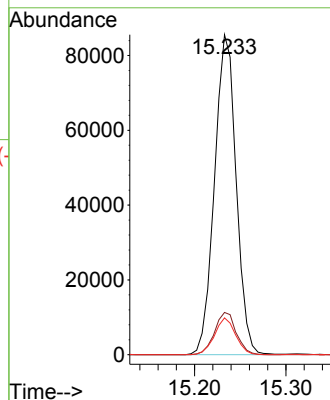
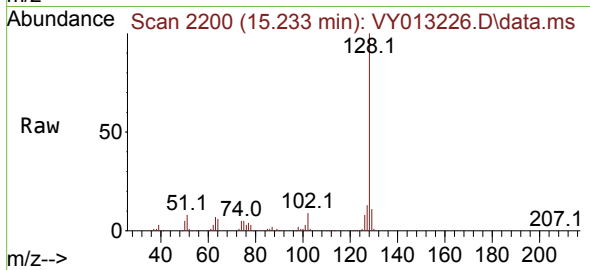
Tgt Ion:128 Resp: 140678

Ion Ratio Lower Upper

128 100

127 13.2 10.3 15.5

129 11.2 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 49.517 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY013226.D

Acq: 07 Apr 2023 19:40

Tgt Ion:180 Resp: 56522

Ion Ratio Lower Upper

180 100

182 95.1 47.4 142.3

145 31.6 15.3 45.8

