

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040723\
 Data File : VY013223.D
 Acq On : 07 Apr 2023 18:30
 Operator : KP/MD
 Sample : VSTDCCC100
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC100

Quant Time: Apr 07 23:06:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y040723S.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 07 22:57:18 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	91653	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	139024	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	124981	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	65052	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	111392	108.865	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 217.740%#	
35) Dibromofluoromethane	7.710	113	95061	104.774	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 209.540%#	
50) Toluene-d8	10.173	98	342899	104.465	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 208.920%#	
62) 4-Bromofluorobenzene	12.477	95	120892	107.023	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 214.040%#	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	78887	95.511	ug/l	98
3) Chloromethane	2.107	50	103556	150.182	ug/l	100
4) Vinyl Chloride	2.247	62	96610	109.255	ug/l	98
5) Bromomethane	2.637	94	61910	101.148	ug/l	94
6) Chloroethane	2.784	64	69772	121.040	ug/l	98
7) Trichlorofluoromethane	3.119	101	144598	95.144	ug/l	100
8) Diethyl Ether	3.528	74	56042	101.150	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.893	101	86312	96.161	ug/l	98
10) Methyl Iodide	4.082	142	106998	92.741	ug/l	94
11) Tert butyl alcohol	4.948	59	89983	513.798	ug/l	98
12) 1,1-Dichloroethene	3.863	96	80667	95.749	ug/l	93
13) Acrolein	3.723	56	52908	512.040	ug/l	98
14) Allyl chloride	4.473	41	174229	126.426	ug/l	94
15) Acrylonitrile	5.155	53	196446	681.464	ug/l	99
16) Acetone	3.942	43	216421	623.342	ug/l	96
17) Carbon Disulfide	4.186	76	232838	96.713	ug/l	99
18) Methyl Acetate	4.473	43	145838	142.777	ug/l	98
19) Methyl tert-butyl Ether	5.210	73	303867	120.089	ug/l	97
20) Methylene Chloride	4.710	84	102911	85.115	ug/l	97
21) trans-1,2-Dichloroethene	5.216	96	97796	104.624	ug/l	97
22) Diisopropyl ether	6.112	45	376756	135.596	ug/l	96
23) Vinyl Acetate	6.051	43	1240411	710.302	ug/l	98
24) 1,1-Dichloroethane	6.009	63	188243	115.488	ug/l	98
25) 2-Butanone	6.978	43	308115	688.075	ug/l	93
26) 2,2-Dichloropropane	6.978	77	166716	98.372	ug/l	98
27) cis-1,2-Dichloroethene	6.978	96	113528	105.462	ug/l	96
28) Bromochloromethane	7.332	49	91213	137.888	ug/l	94
29) Tetrahydrofuran	7.338	42	197216	774.144	ug/l	97
30) Chloroform	7.502	83	194622	109.845	ug/l	98
31) Cyclohexane	7.777	56	154604	108.291	ug/l	98
32) 1,1,1-Trichloroethane	7.698	97	170683	103.162	ug/l	98
36) 1,1-Dichloropropene	7.911	75	140318	104.643	ug/l	100
37) Ethyl Acetate	7.070	43	130270	143.262	ug/l	96
38) Carbon Tetrachloride	7.899	117	156716	97.786	ug/l	98
39) Methylcyclohexane	9.179	83	164165	103.597	ug/l	96
40) Benzene	8.155	78	410903	105.055	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.338	41	179553	392.145	ug/l #	100
42) 1,2-Dichloroethane	8.234	62	144582	107.717	ug/l	98
43) Isopropyl Acetate	8.271	43	226135	139.617	ug/l	96
44) Trichloroethene	8.935	130	106835	97.972	ug/l	94
45) 1,2-Dichloropropane	9.216	63	109415	116.440	ug/l	96
46) Dibromomethane	9.301	93	67372	112.717	ug/l	99
47) Bromodichloromethane	9.490	83	154777	108.856	ug/l	98
48) Methyl methacrylate	9.289	41	103162	139.917	ug/l	94
49) 1,4-Dioxane	9.301	88	20779	2469.037	ug/l	90
51) 4-Methyl-2-Pentanone	10.069	43	640655	713.179	ug/l	97
52) Toluene	10.240	92	257571	104.190	ug/l	98
53) t-1,3-Dichloropropene	10.459	75	171184	113.595	ug/l	97
54) cis-1,3-Dichloropropene	9.923	75	180485	113.090	ug/l	95
55) 1,1,2-Trichloroethane	10.642	97	90861	111.212	ug/l	98
56) Ethyl methacrylate	10.508	69	143064	127.864	ug/l	93
57) 1,3-Dichloropropane	10.788	76	159320	115.564	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.776	63	308531	626.373	ug/l	99
59) 2-Hexanone	10.825	43	473368	713.974	ug/l	97
60) Dibromochloromethane	10.984	129	114562	108.011	ug/l	100
61) 1,2-Dibromoethane	11.087	107	90184	110.430	ug/l	99
64) Tetrachloroethene	10.715	164	91924	92.540	ug/l	98
65) Chlorobenzene	11.514	112	277227	100.226	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.587	131	108986	102.091	ug/l	99
67) Ethyl Benzene	11.587	91	499186	105.683	ug/l	100
68) m/p-Xylenes	11.697	106	380063	204.544	ug/l	98
69) o-Xylene	12.026	106	182944	104.779	ug/l	99
70) Styrene	12.038	104	314192	106.494	ug/l	98
71) Bromoform	12.203	173	81034	109.508	ug/l #	98
73) Isopropylbenzene	12.325	105	488522	106.976	ug/l	100
74) N-amyl acetate	12.142	43	193648	138.008	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.581	83	124397	121.880	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	163683	215.902	ug/l #	100
77) Bromobenzene	12.605	156	118534	101.062	ug/l	98
78) n-propylbenzene	12.666	91	597742	109.258	ug/l	99
79) 2-Chlorotoluene	12.752	91	334149	107.566	ug/l	100
80) 1,3,5-Trimethylbenzene	12.806	105	404226	104.959	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.374	75	46410	126.804	ug/l	96
82) 4-Chlorotoluene	12.849	91	346533	105.861	ug/l	98
83) tert-Butylbenzene	13.069	119	349084	101.271	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	397918	104.862	ug/l	100
85) sec-Butylbenzene	13.251	105	522119	105.710	ug/l	100
86) p-Isopropyltoluene	13.367	119	436356	102.856	ug/l	99
87) 1,3-Dichlorobenzene	13.361	146	227553	98.827	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	228444	98.527	ug/l	99
89) n-Butylbenzene	13.696	91	413732	108.902	ug/l	99
90) Hexachloroethane	13.959	117	87749	104.709	ug/l	100
91) 1,2-Dichlorobenzene	13.733	146	210907	101.169	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	23180	119.034	ug/l	99
93) 1,2,4-Trichlorobenzene	15.001	180	135450	103.400	ug/l	99
94) Hexachlorobutadiene	15.111	225	74304	92.284	ug/l	99
95) Naphthalene	15.233	128	325238	116.233	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	123518	100.722	ug/l	99

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ClientSampleId :
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QLast Update : Fri Apr 07 22:57:18 2023
Response via : Initial Calibration

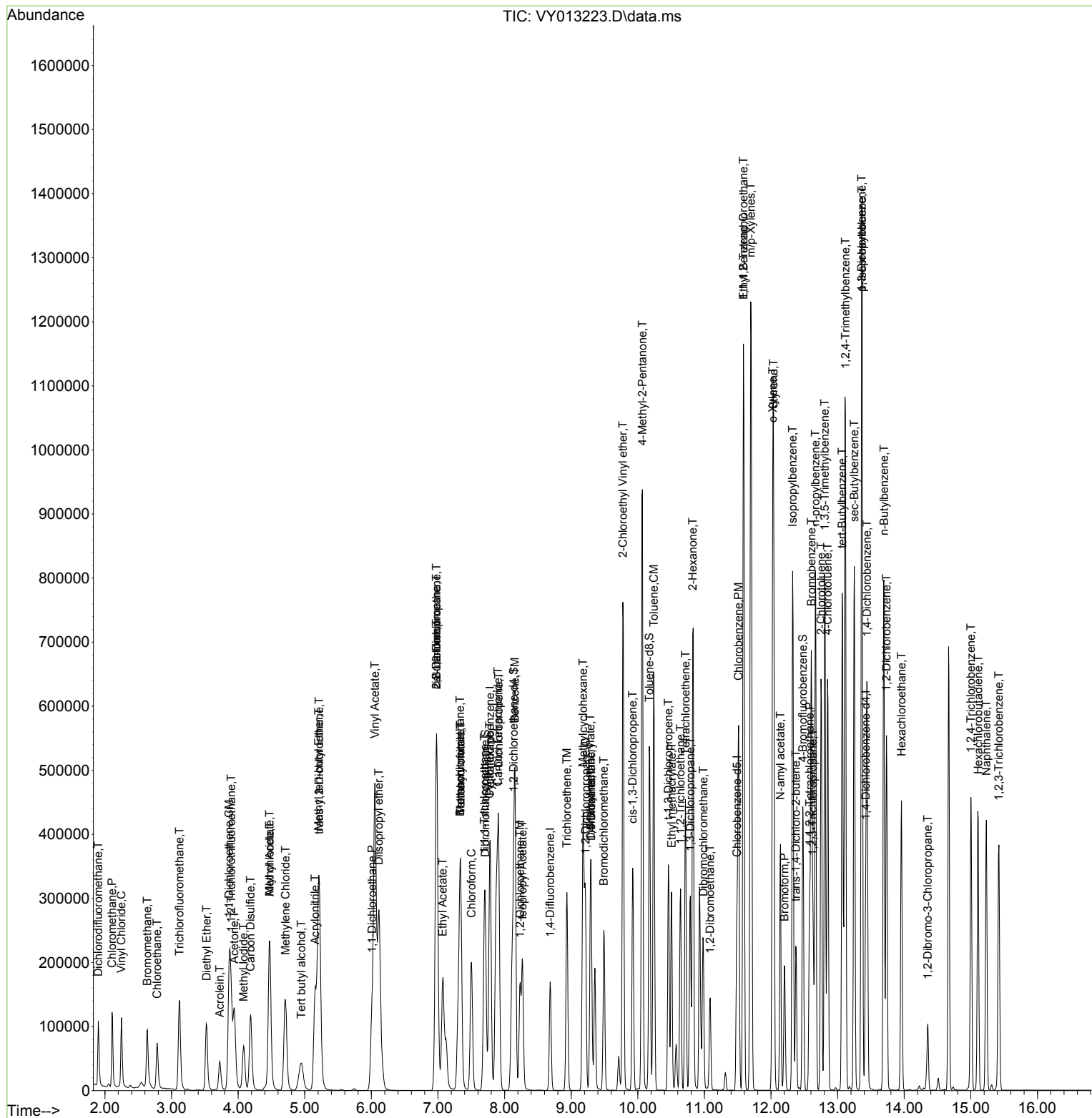
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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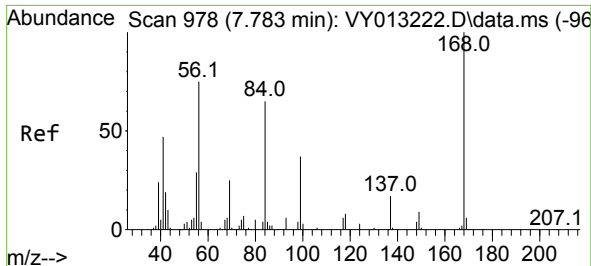
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 Data File : VY013223.D
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 Operator : KP/MD
 Sample : VSTDECC100
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDECC100

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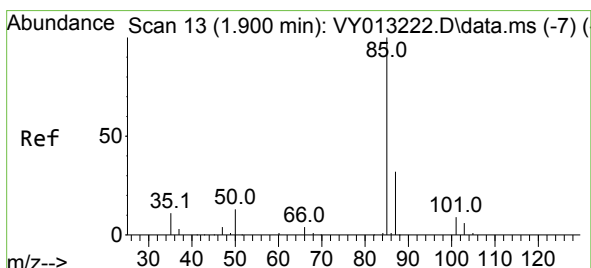
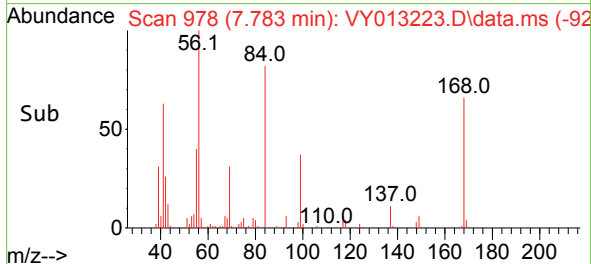
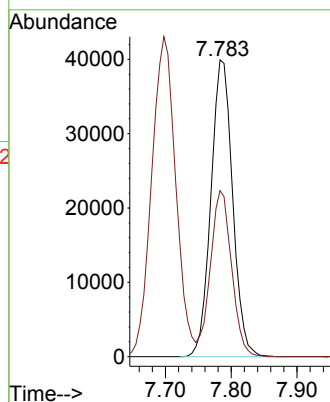
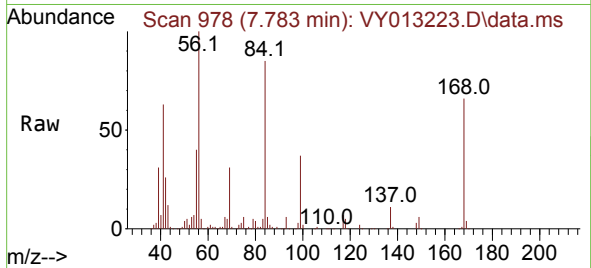




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
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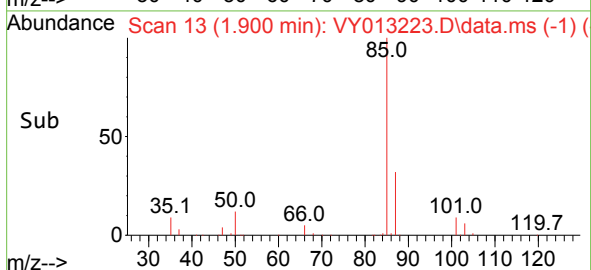
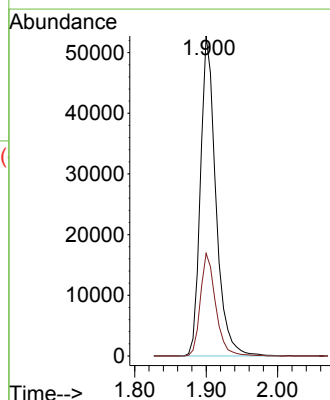
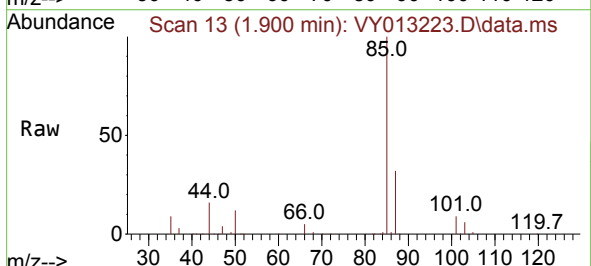
Instrument :
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ClientSampleId :
VSTDIC100

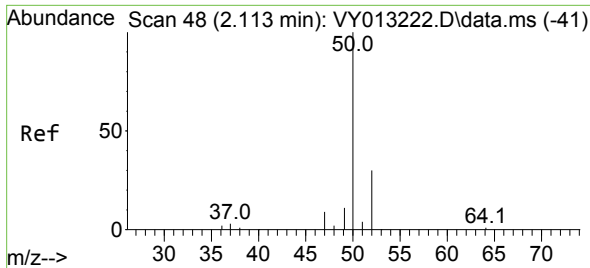
Tgt Ion:168 Resp: 91653
Ion Ratio Lower Upper
168 100
99 56.0 41.7 62.5



#2
Dichlorodifluoromethane
Concen: 95.511 ug/l
RT: 1.900 min Scan# 13
Delta R.T. 0.000 min
Lab File: VY013223.D
Acq: 07 Apr 2023 18:30

Tgt Ion: 85 Resp: 78887
Ion Ratio Lower Upper
85 100
87 32.0 16.7 50.0

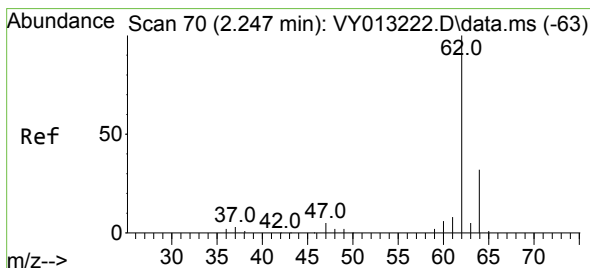
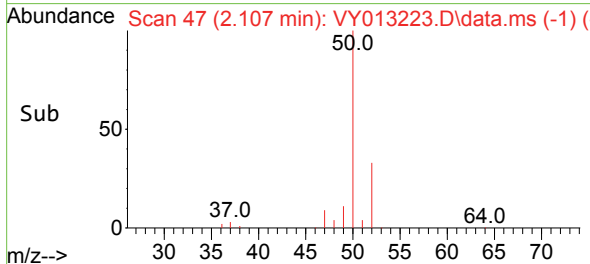
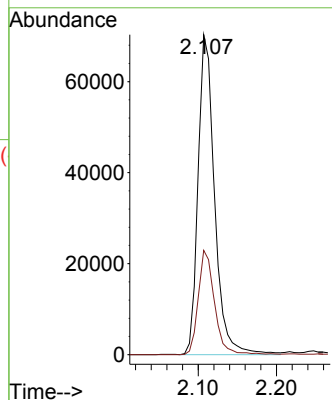
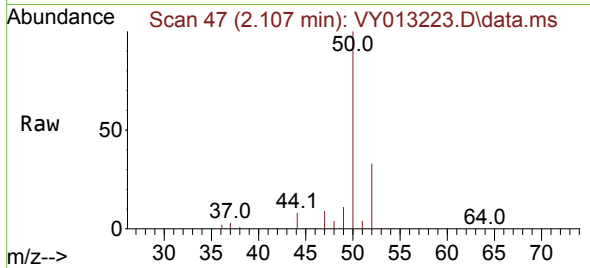




#3
Chloromethane
Concen: 150.182 ug/l
RT: 2.107 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY013223.D
Acq: 07 Apr 2023 18:30

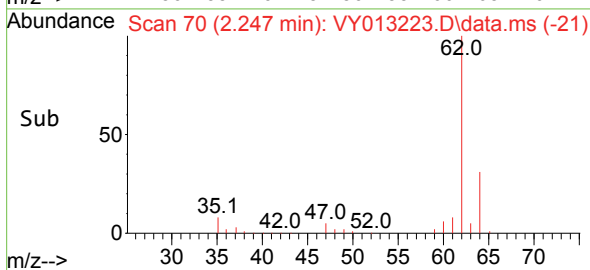
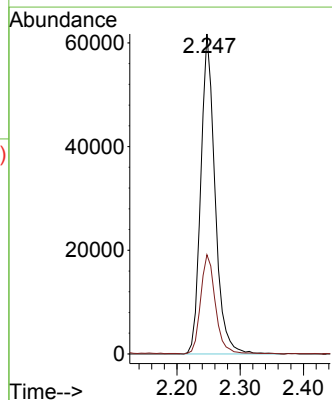
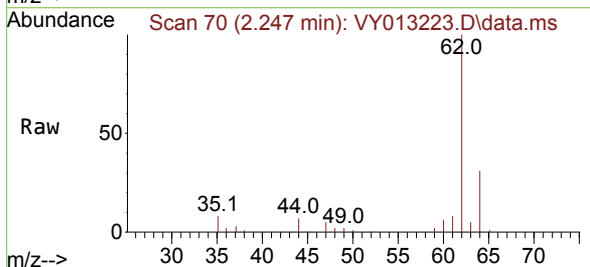
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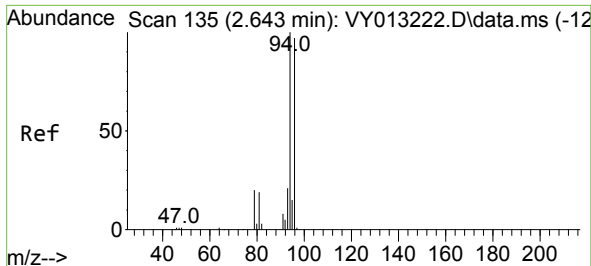
Tgt Ion: 50 Resp: 103556
Ion Ratio Lower Upper
50 100
52 32.6 26.0 39.0



#4
Vinyl Chloride
Concen: 109.255 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.000 min
Lab File: VY013223.D
Acq: 07 Apr 2023 18:30

Tgt Ion: 62 Resp: 96610
Ion Ratio Lower Upper
62 100
64 30.9 25.6 38.4

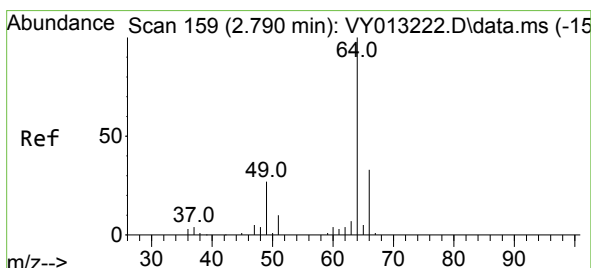
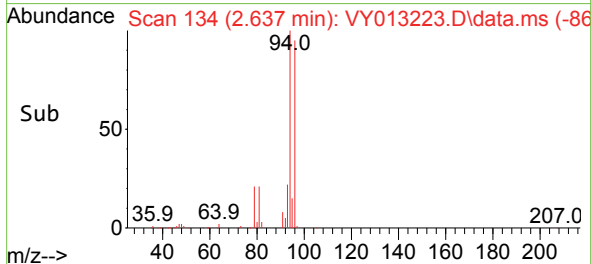
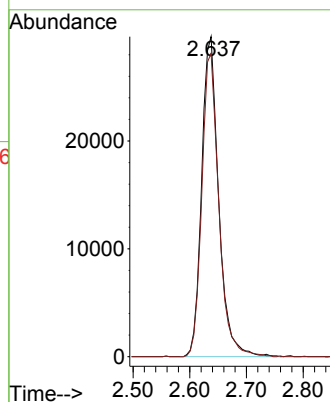
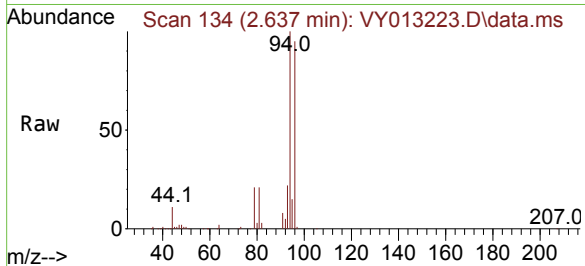




#5
Bromomethane
Concen: 101.148 ug/l
RT: 2.637 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY013223.D
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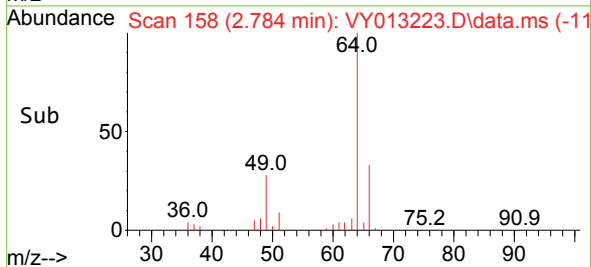
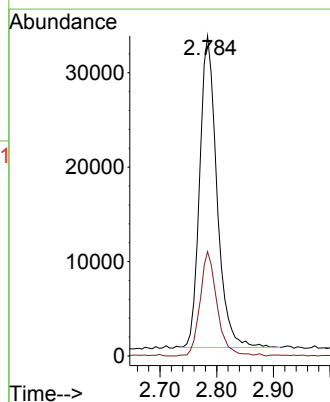
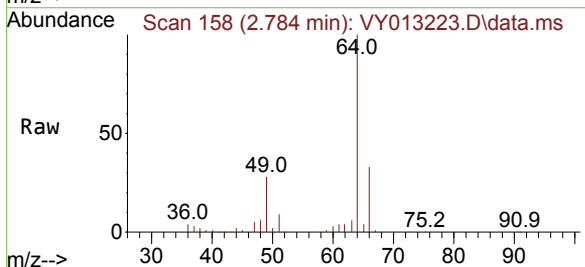
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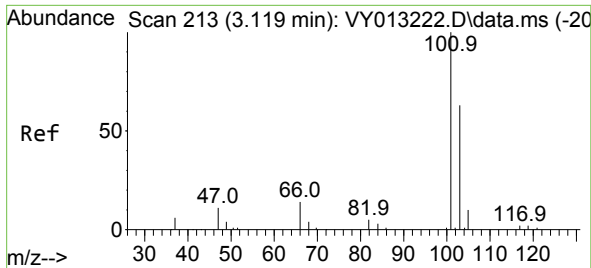
Tgt Ion: 94 Resp: 61910
Ion Ratio Lower Upper
94 100
96 94.8 80.3 120.5



#6
Chloroethane
Concen: 121.040 ug/l
RT: 2.784 min Scan# 158
Delta R.T. -0.006 min
Lab File: VY013223.D
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Tgt Ion: 64 Resp: 69772
Ion Ratio Lower Upper
64 100
66 33.2 25.7 38.5

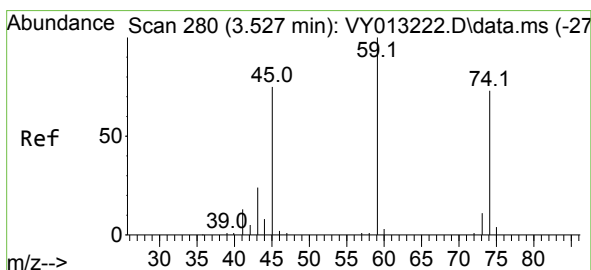
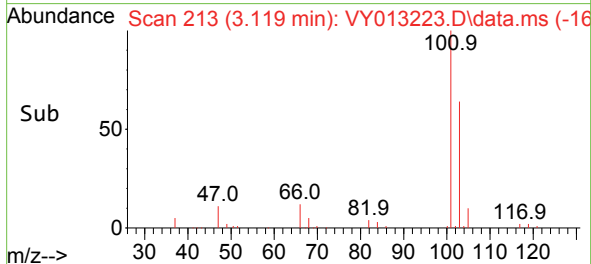
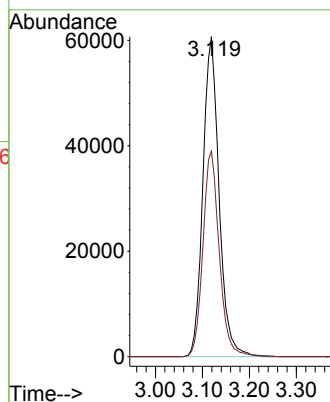
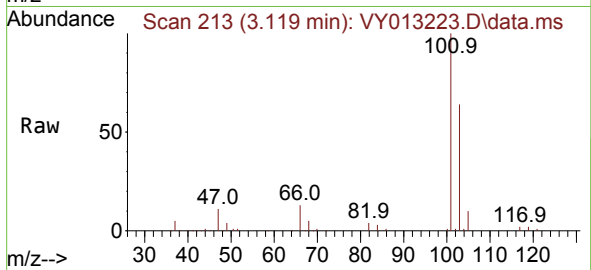




#7
 Trichlorofluoromethane
 Concen: 95.144 ug/l
 RT: 3.119 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VY013223.D
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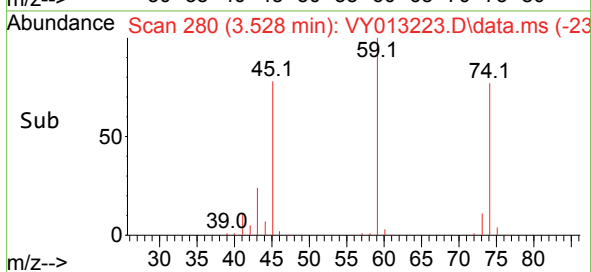
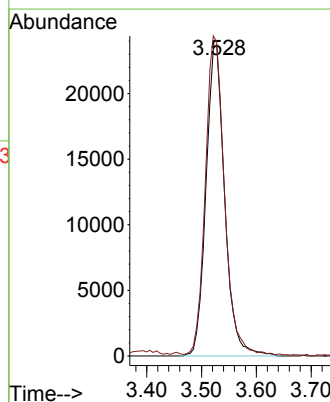
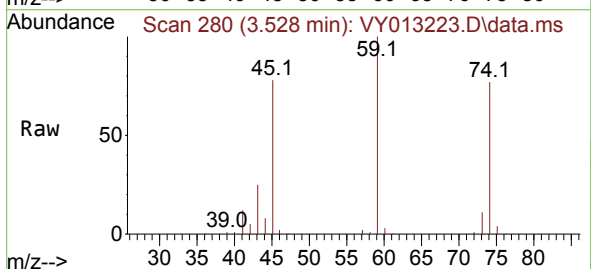
Instrument :
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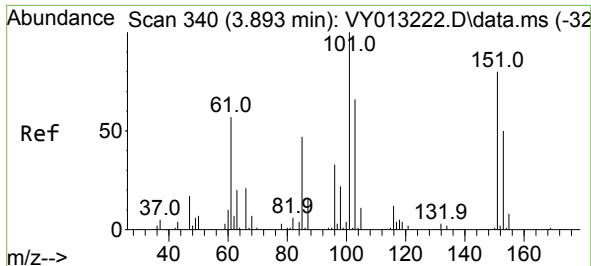
Tgt Ion:101 Resp: 144598
 Ion Ratio Lower Upper
 101 100
 103 64.2 51.5 77.3



#8
 Diethyl Ether
 Concen: 101.150 ug/l
 RT: 3.528 min Scan# 280
 Delta R.T. 0.000 min
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 Acq: 07 Apr 2023 18:30

Tgt Ion: 74 Resp: 56042
 Ion Ratio Lower Upper
 74 100
 45 104.9 52.1 156.4

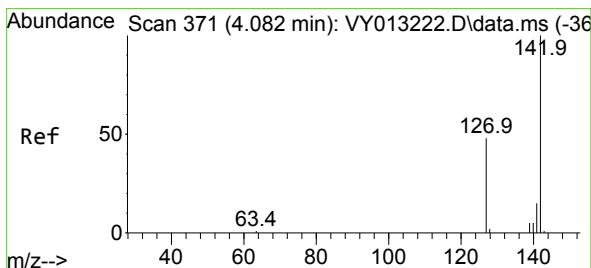
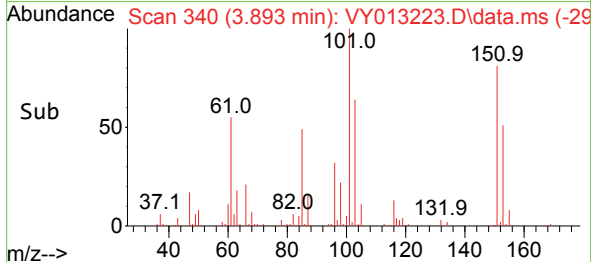
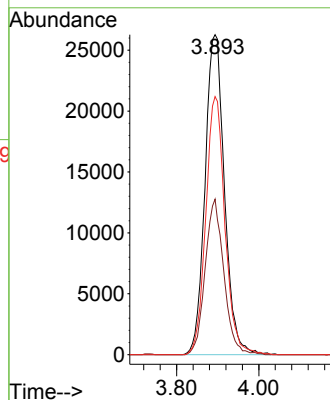
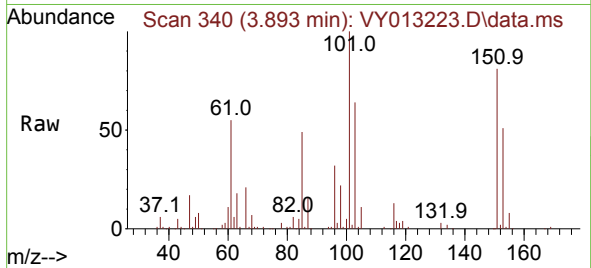




#9
1,1,2-Trichlorotrifluoroethane
Concen: 96.161 ug/l
RT: 3.893 min Scan# 340
Delta R.T. 0.000 min
Lab File: VY013223.D
Acq: 07 Apr 2023 18:30

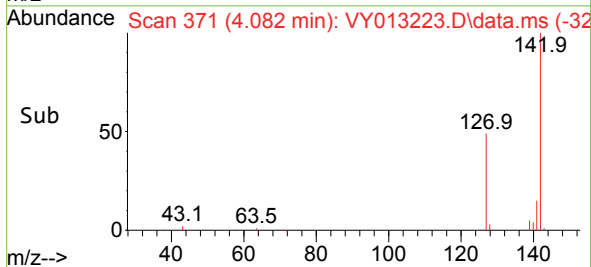
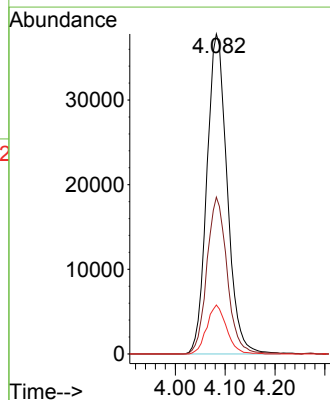
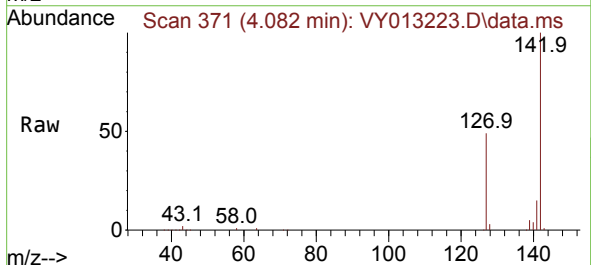
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

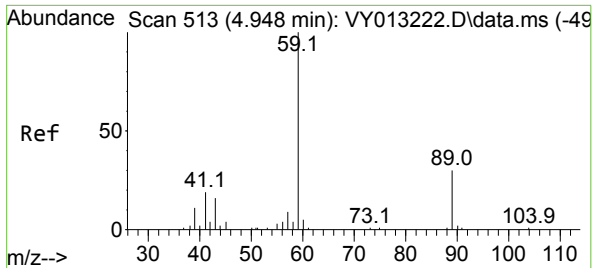
Tgt Ion:101 Resp: 86312
Ion Ratio Lower Upper
101 100
85 46.8 35.3 52.9
151 79.5 63.1 94.7



#10
Methyl Iodide
Concen: 92.741 ug/l
RT: 4.082 min Scan# 371
Delta R.T. 0.000 min
Lab File: VY013223.D
Acq: 07 Apr 2023 18:30

Tgt Ion:142 Resp: 106998
Ion Ratio Lower Upper
142 100
127 48.9 35.4 53.2
141 14.9 11.3 16.9

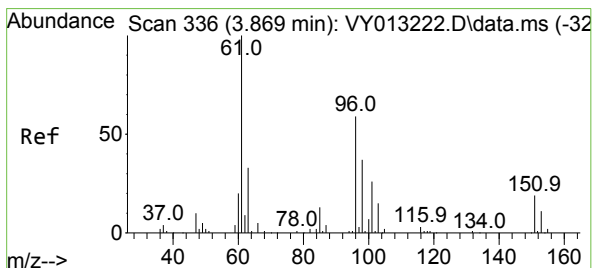
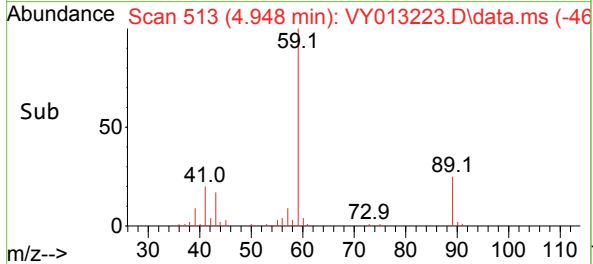
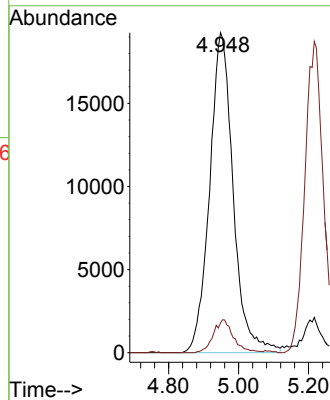
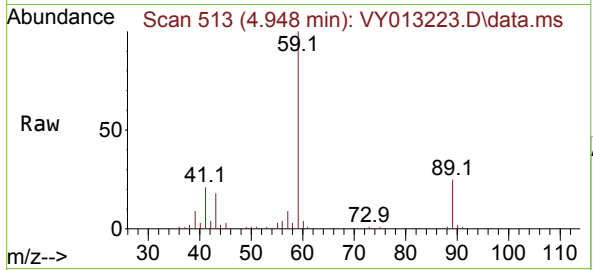




#11
Tert butyl alcohol
Concen: 513.798 ug/l
RT: 4.948 min Scan# 513
Delta R.T. 0.000 min
Lab File: VY013223.D
Acq: 07 Apr 2023 18:30

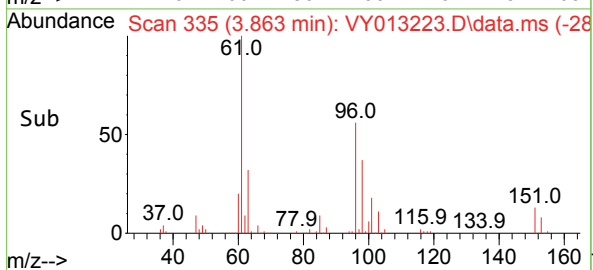
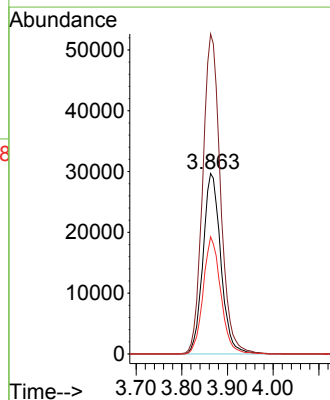
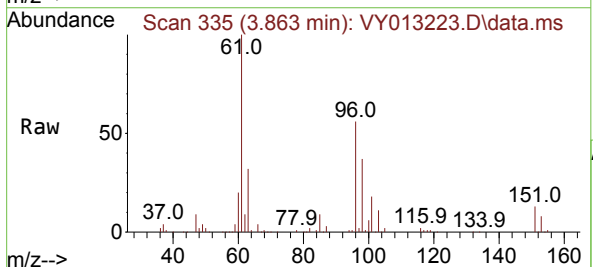
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

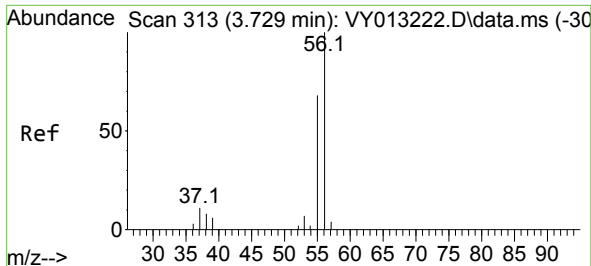
Tgt Ion: 59 Resp: 89983
Ion Ratio Lower Upper
59 100
57 8.8 7.7 11.5



#12
1,1-Dichloroethene
Concen: 95.749 ug/l
RT: 3.863 min Scan# 335
Delta R.T. -0.006 min
Lab File: VY013223.D
Acq: 07 Apr 2023 18:30

Tgt Ion: 96 Resp: 80667
Ion Ratio Lower Upper
96 100
61 177.4 131.7 197.5
98 64.9 52.0 78.0





#13

Acrolein

Concen: 512.040 ug/l

RT: 3.723 min Scan# 313

Delta R.T. -0.006 min

Lab File: VY013223.D

Acq: 07 Apr 2023 18:30

Instrument :

MSVOA_Y

ClientSampleId :

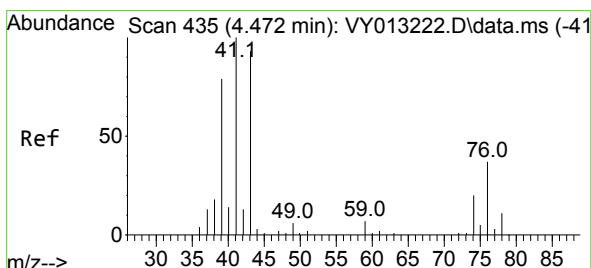
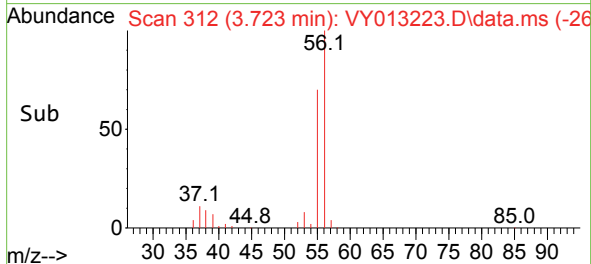
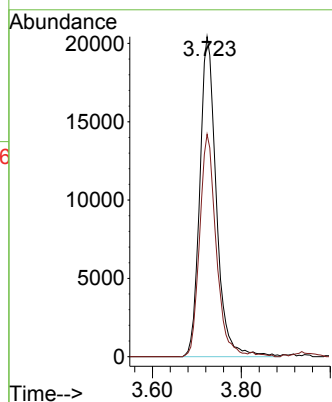
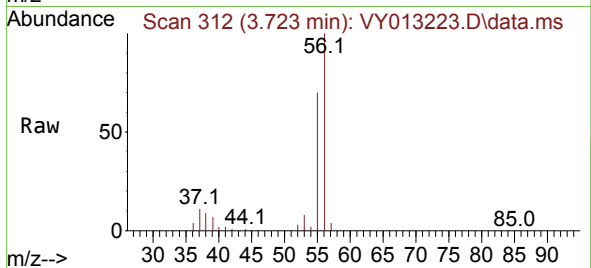
VSTDIC100

Tgt Ion: 56 Resp: 52908

Ion Ratio Lower Upper

56 100

55 69.3 56.8 85.2



#14

Allyl chloride

Concen: 126.426 ug/l

RT: 4.473 min Scan# 435

Delta R.T. 0.000 min

Lab File: VY013223.D

Acq: 07 Apr 2023 18:30

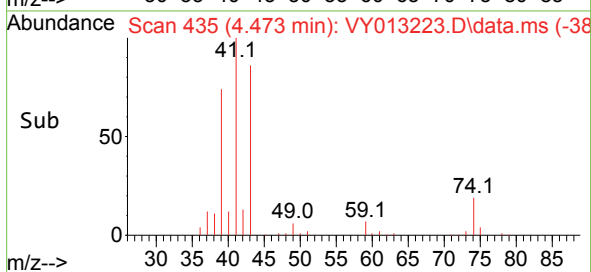
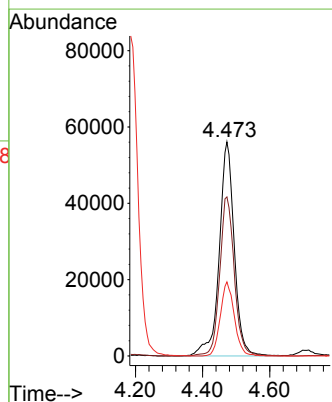
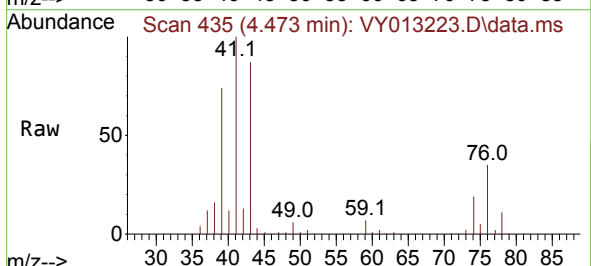
Tgt Ion: 41 Resp: 174229

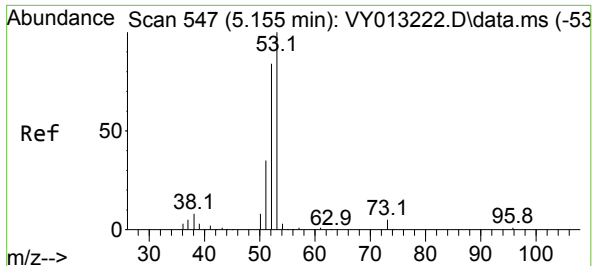
Ion Ratio Lower Upper

41 100

39 72.6 53.6 80.4

76 32.3 27.2 40.8

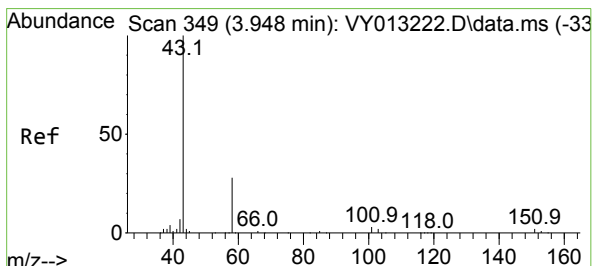
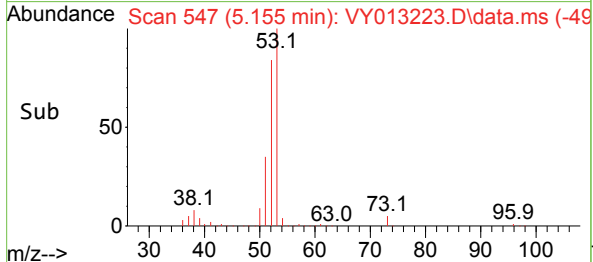
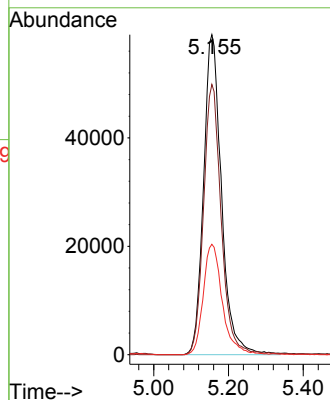
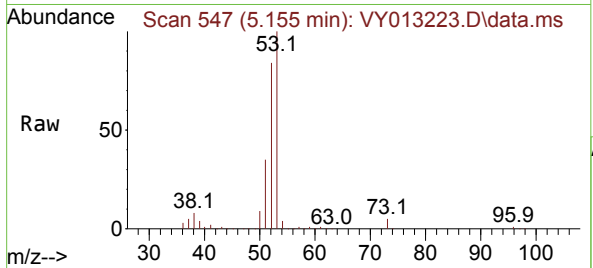




#15
Acrylonitrile
Concen: 681.464 ug/l
RT: 5.155 min Scan# 54
Delta R.T. 0.000 min
Lab File: VY013223.D
Acq: 07 Apr 2023 18:30

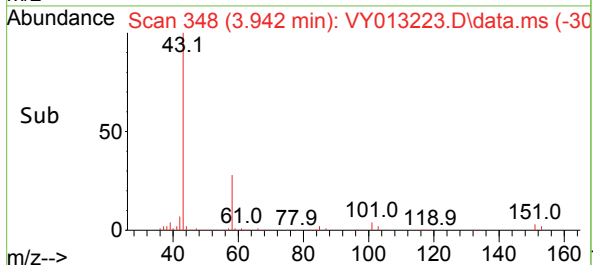
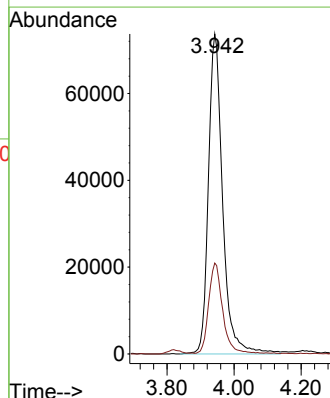
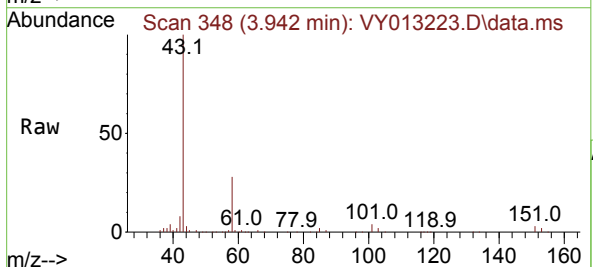
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

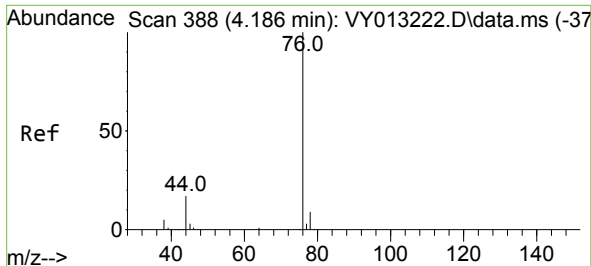
Tgt Ion: 53 Resp: 196446
Ion Ratio Lower Upper
53 100
52 83.6 66.3 99.5
51 36.8 28.8 43.2



#16
Acetone
Concen: 623.342 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY013223.D
Acq: 07 Apr 2023 18:30

Tgt Ion: 43 Resp: 216421
Ion Ratio Lower Upper
43 100
58 28.2 24.2 36.2

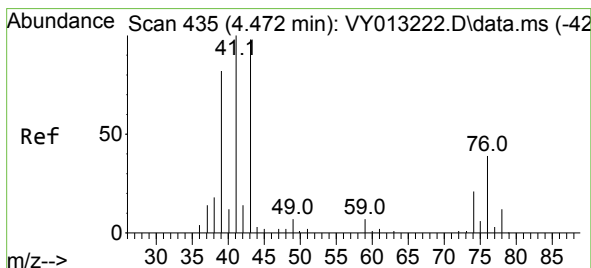
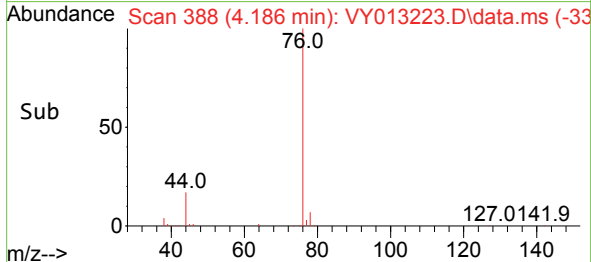
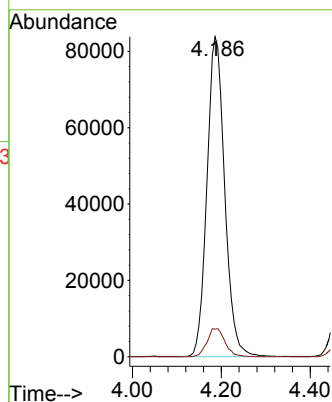
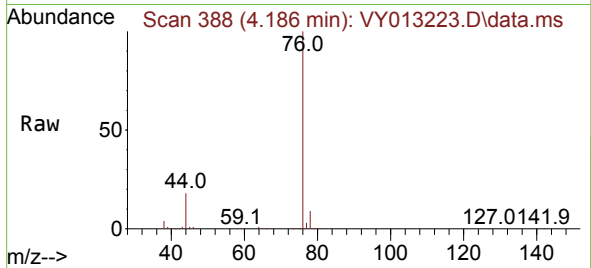




#17
Carbon Disulfide
Concen: 96.713 ug/l
RT: 4.186 min Scan# 388
Delta R.T. 0.000 min
Lab File: VY013223.D
Acq: 07 Apr 2023 18:30

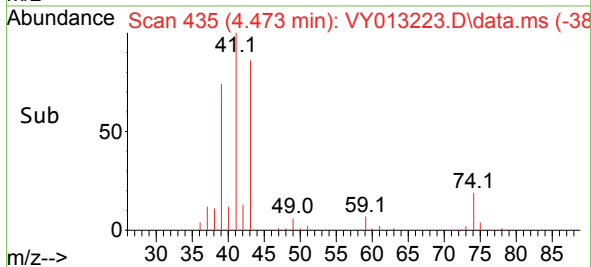
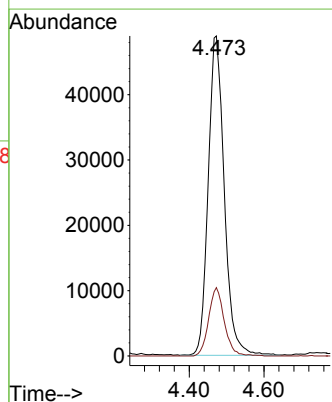
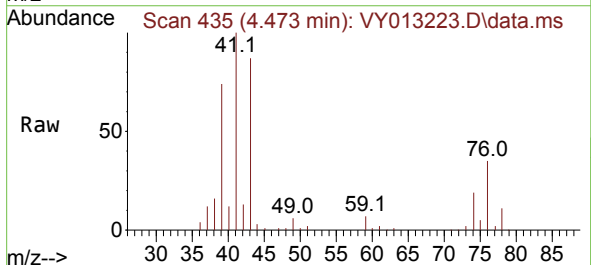
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

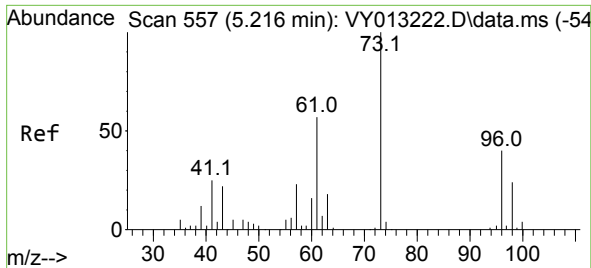
Tgt Ion: 76 Resp: 232838
Ion Ratio Lower Upper
76 100
78 8.6 7.1 10.7



#18
Methyl Acetate
Concen: 142.777 ug/l
RT: 4.473 min Scan# 435
Delta R.T. 0.000 min
Lab File: VY013223.D
Acq: 07 Apr 2023 18:30

Tgt Ion: 43 Resp: 145838
Ion Ratio Lower Upper
43 100
74 20.9 17.4 26.0

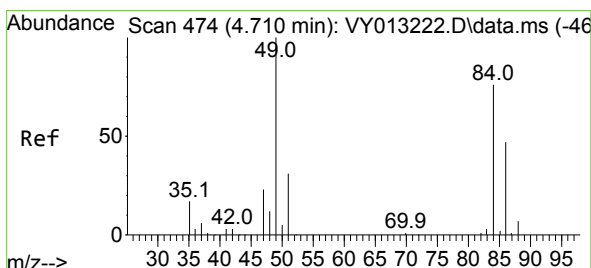
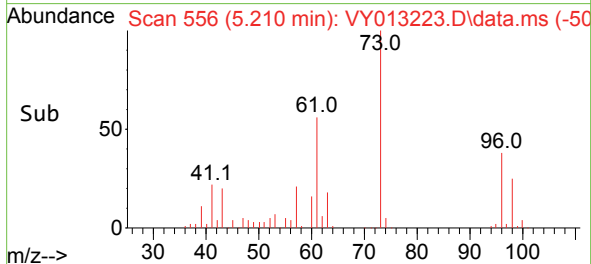
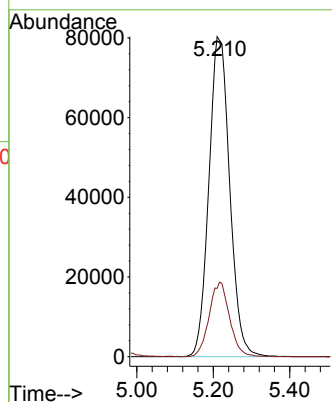
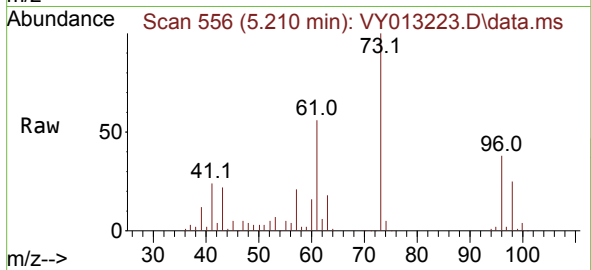




#19
Methyl tert-butyl Ether
Concen: 120.089 ug/l
RT: 5.210 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY013223.D
Acq: 07 Apr 2023 18:30

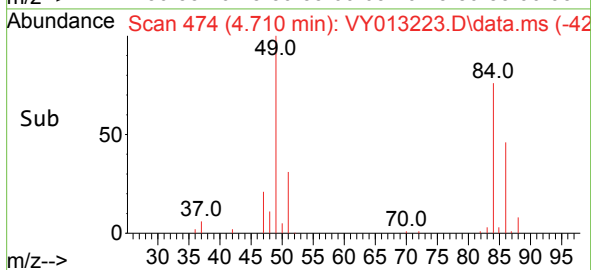
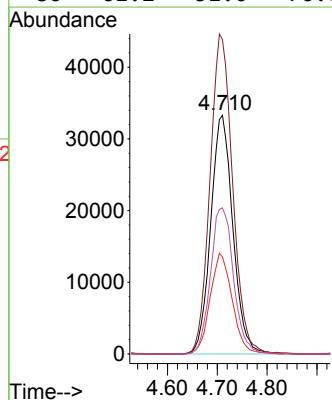
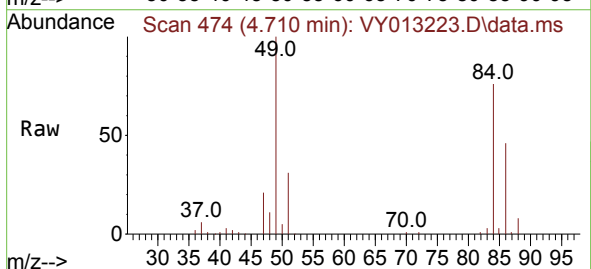
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

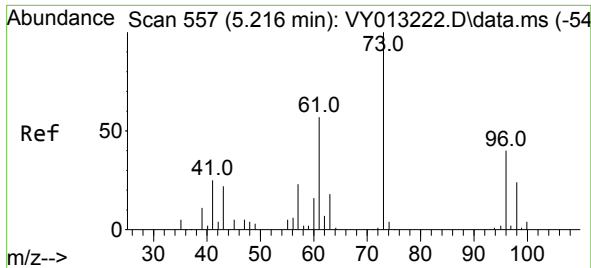
Tgt Ion: 73 Resp: 303867
Ion Ratio Lower Upper
73 100
57 21.4 18.3 27.5



#20
Methylene Chloride
Concen: 85.115 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY013223.D
Acq: 07 Apr 2023 18:30

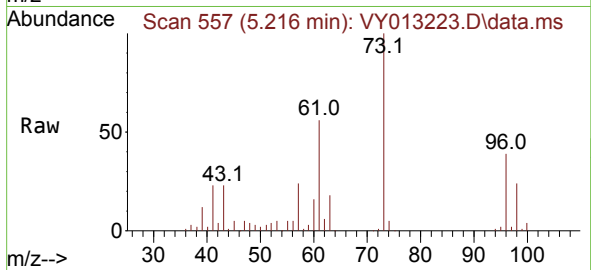
Tgt Ion: 84 Resp: 102911
Ion Ratio Lower Upper
84 100
49 131.7 102.6 154.0
51 40.6 31.9 47.9
86 61.2 51.0 76.6



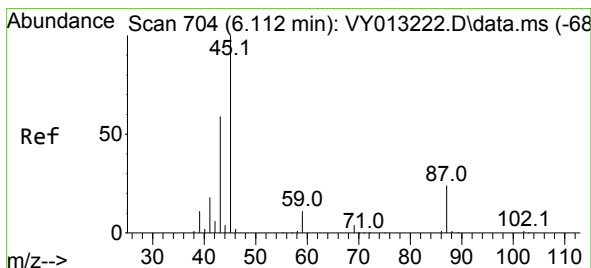
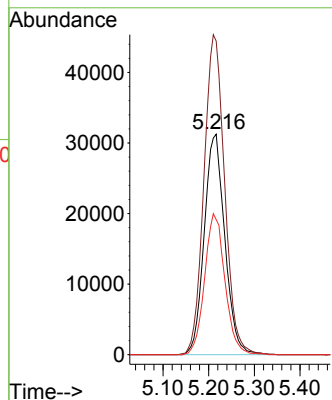
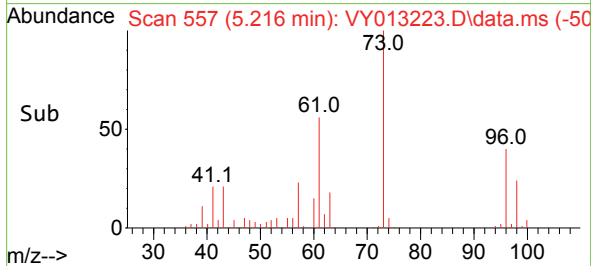


#21
trans-1,2-Dichloroethene
Concen: 104.624 ug/l
RT: 5.216 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY013223.D
Acq: 07 Apr 2023 18:30

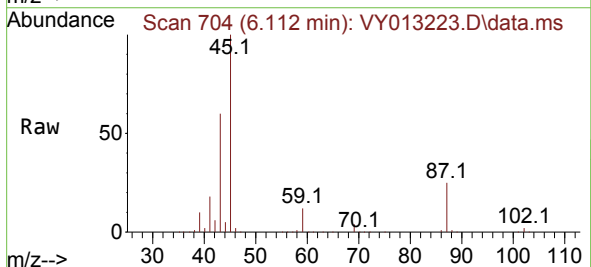
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100



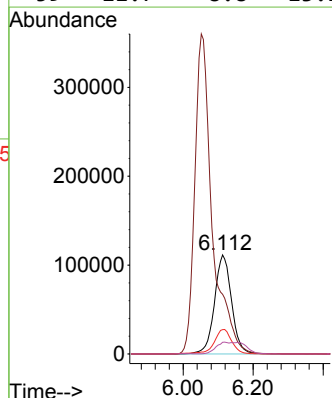
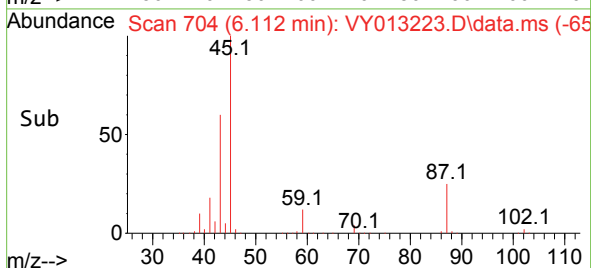
Tgt Ion:	96	Resp:	97796
Ion	Ratio	Lower	Upper
96	100		
61	142.2	111.4	167.0
98	61.2	50.8	76.2

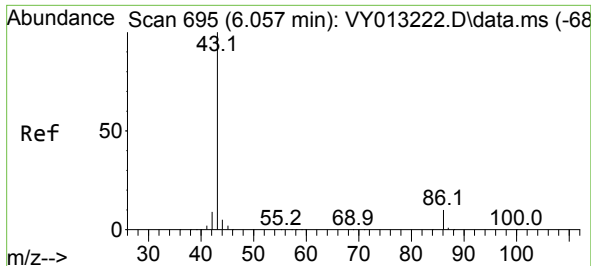


#22
Diisopropyl ether
Concen: 135.596 ug/l
RT: 6.112 min Scan# 704
Delta R.T. 0.000 min
Lab File: VY013223.D
Acq: 07 Apr 2023 18:30



Tgt Ion:	45	Resp:	376756
Ion	Ratio	Lower	Upper
45	100		
43	60.0	45.0	67.6
87	24.6	20.3	30.5
59	11.7	8.8	13.2

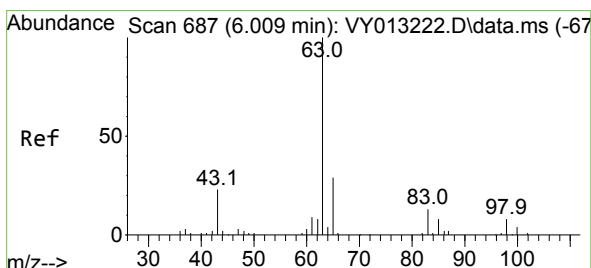
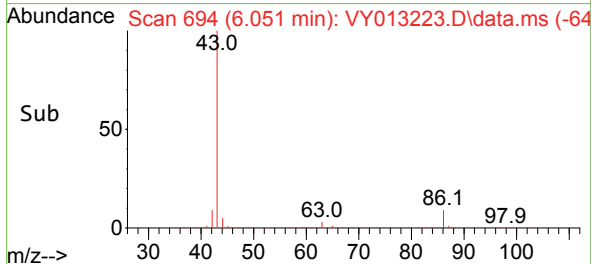
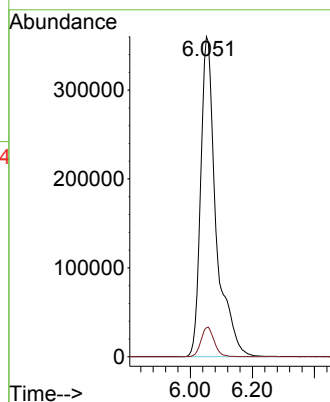
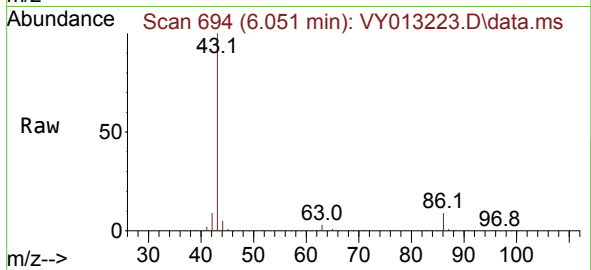




#23
 Vinyl Acetate
 Concen: 710.302 ug/l
 RT: 6.051 min Scan# 695
 Delta R.T. -0.006 min
 Lab File: VY013223.D
 Acq: 07 Apr 2023 18:30

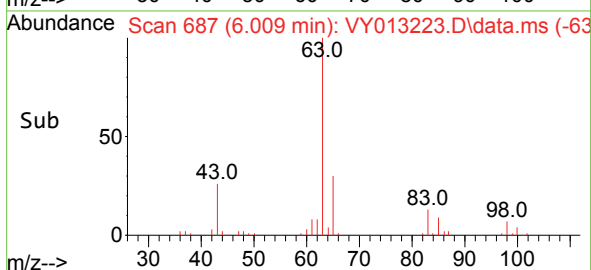
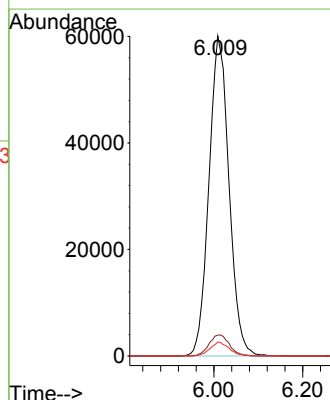
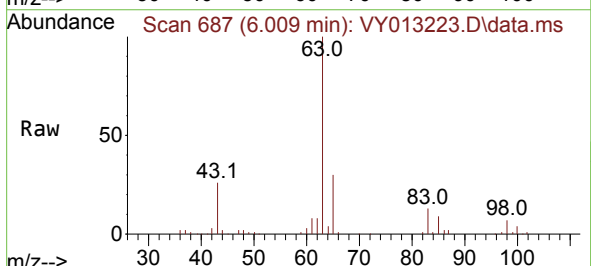
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

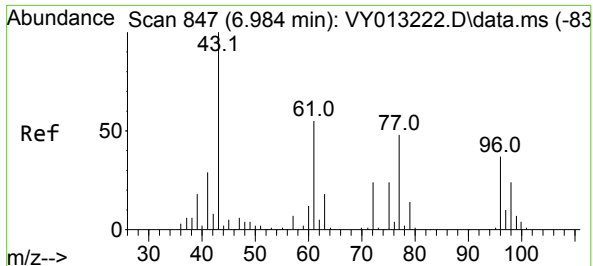
Tgt Ion: 43 Resp: 1240411
 Ion Ratio Lower Upper
 43 100
 86 9.0 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 115.488 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. 0.000 min
 Lab File: VY013223.D
 Acq: 07 Apr 2023 18:30

Tgt Ion: 63 Resp: 188243
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.7 11.1
 100 4.3 2.3 6.8





#25

2-Butanone

Concen: 688.075 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY013223.D

Acq: 07 Apr 2023 18:30

Instrument :

MSVOA_Y

ClientSampleId :

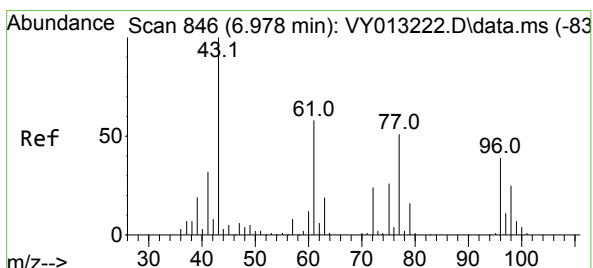
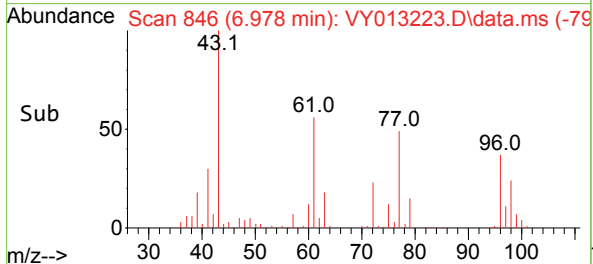
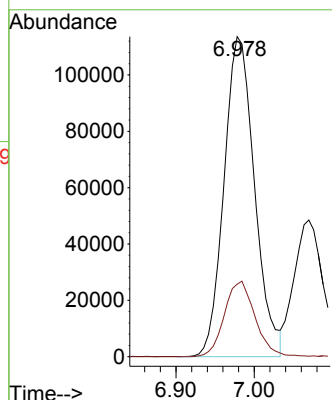
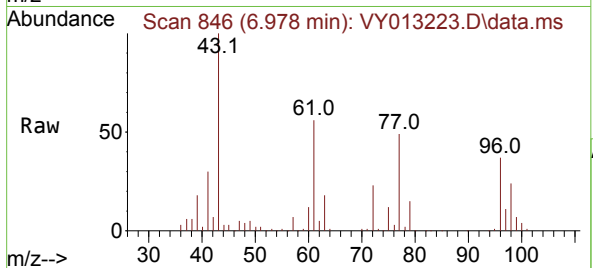
VSTDICC100

Tgt Ion: 43 Resp: 308115

Ion Ratio Lower Upper

43 100

72 22.6 21.0 31.4



#26

2,2-Dichloropropane

Concen: 98.372 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY013223.D

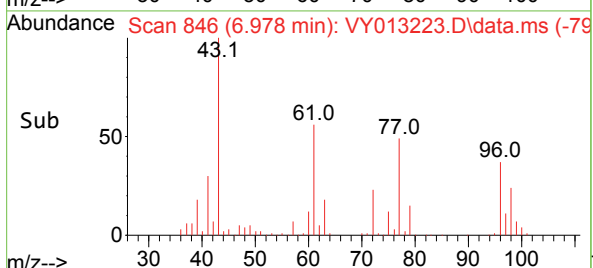
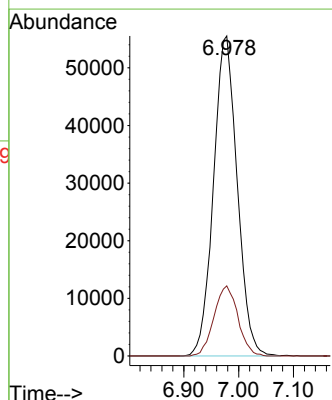
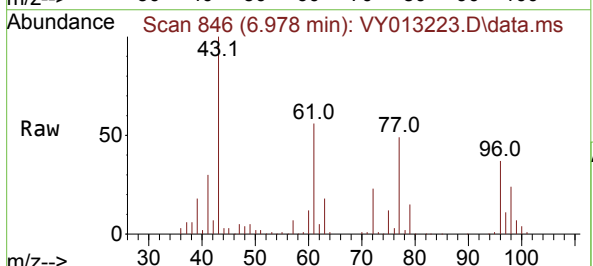
Acq: 07 Apr 2023 18:30

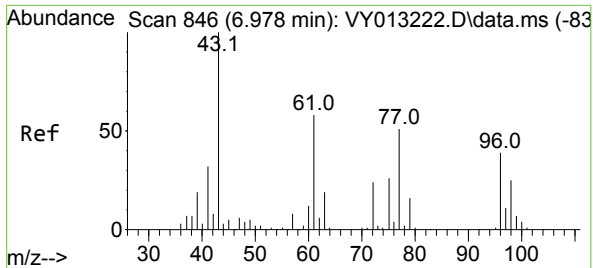
Tgt Ion: 77 Resp: 166716

Ion Ratio Lower Upper

77 100

97 22.1 11.7 35.0

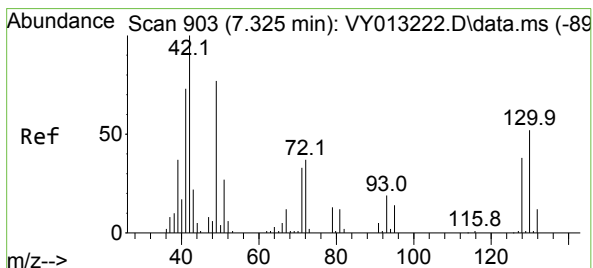
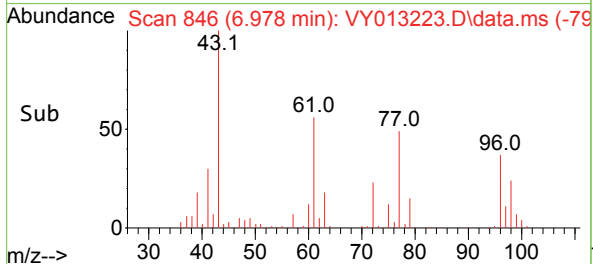
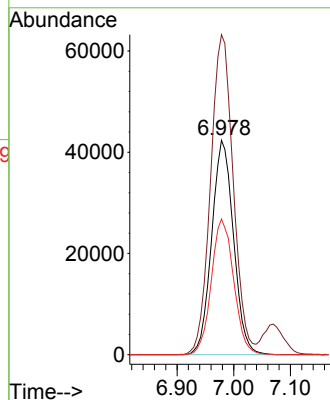
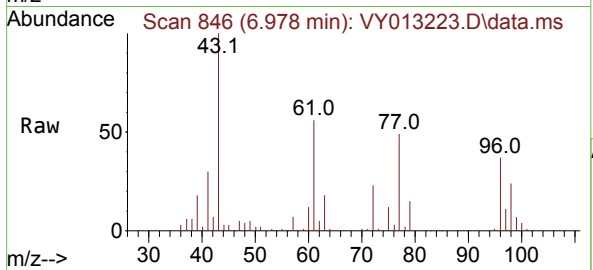




#27
 cis-1,2-Dichloroethene
 Concen: 105.462 ug/l
 RT: 6.978 min Scan# 846
 Delta R.T. 0.000 min
 Lab File: VY013223.D
 Acq: 07 Apr 2023 18:30

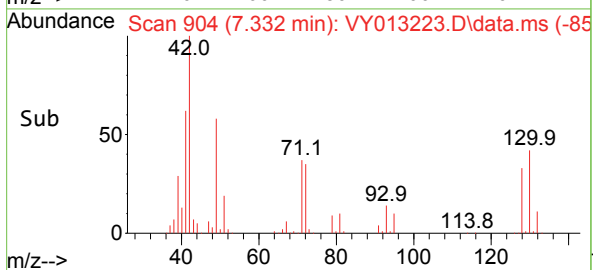
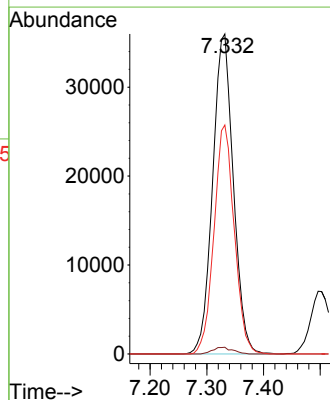
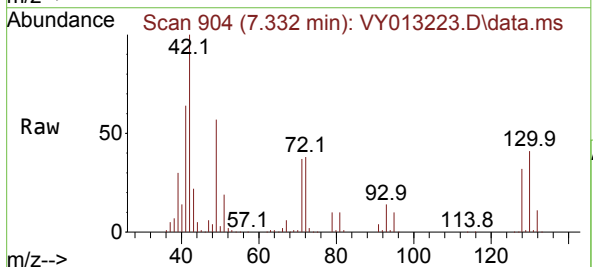
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

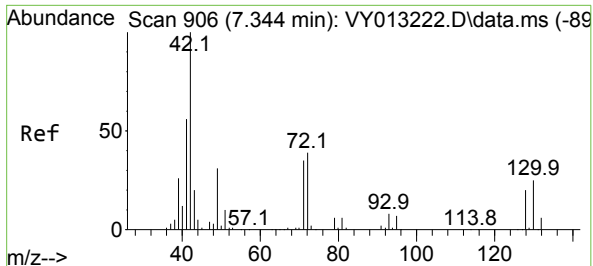
Tgt Ion: 96 Resp: 113528
 Ion Ratio Lower Upper
 96 100
 61 154.8 0.0 295.8
 98 64.7 0.0 130.2



#28
 Bromochloromethane
 Concen: 137.888 ug/l
 RT: 7.332 min Scan# 904
 Delta R.T. 0.006 min
 Lab File: VY013223.D
 Acq: 07 Apr 2023 18:30

Tgt Ion: 49 Resp: 91213
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.2
 130 70.1 60.5 90.7





#29

Tetrahydrofuran

Concen: 774.144 ug/l

RT: 7.338 min Scan# 905

Delta R.T. -0.006 min

Lab File: VY013223.D

Acq: 07 Apr 2023 18:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

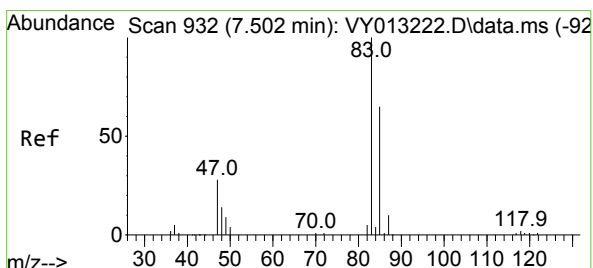
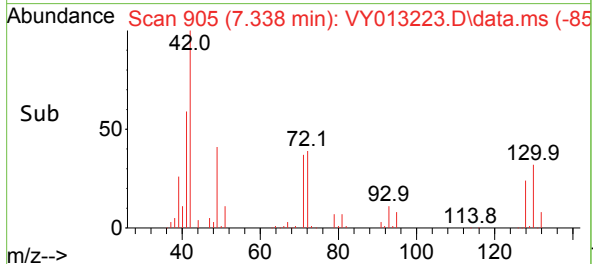
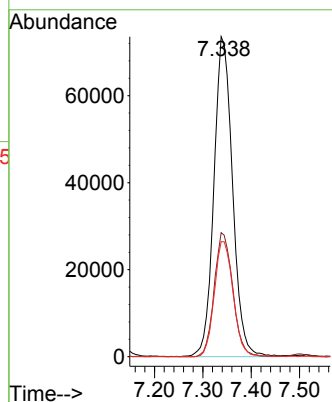
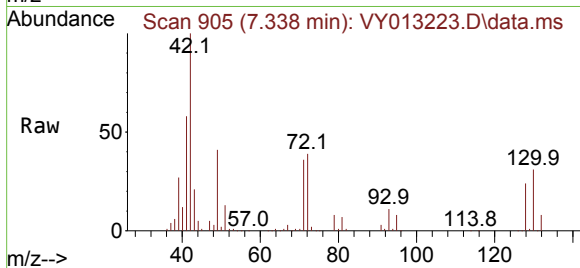
Tgt Ion: 42 Resp: 197216

Ion Ratio Lower Upper

42 100

72 38.5 32.3 48.5

71 36.4 30.3 45.5



#30

Chloroform

Concen: 109.845 ug/l

RT: 7.502 min Scan# 932

Delta R.T. 0.000 min

Lab File: VY013223.D

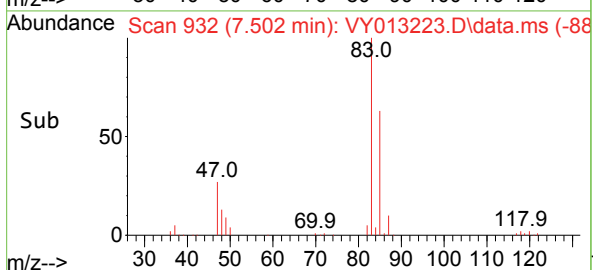
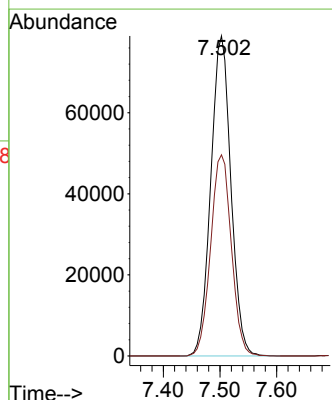
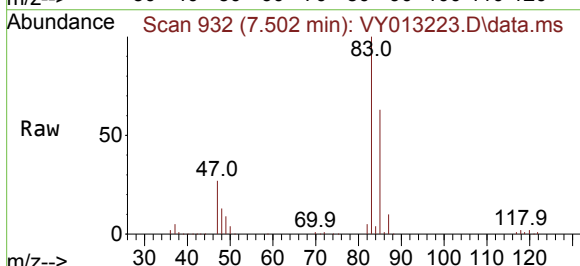
Acq: 07 Apr 2023 18:30

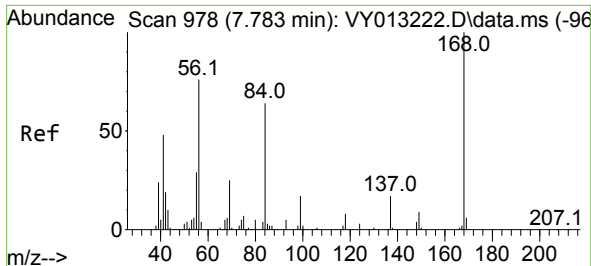
Tgt Ion: 83 Resp: 194622

Ion Ratio Lower Upper

83 100

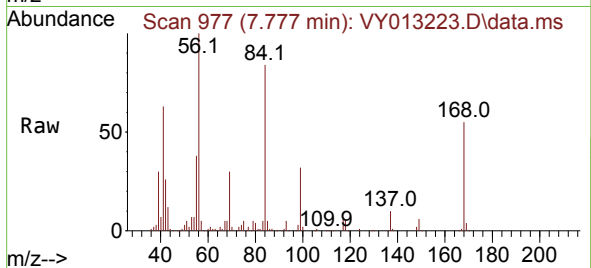
85 62.8 51.4 77.0



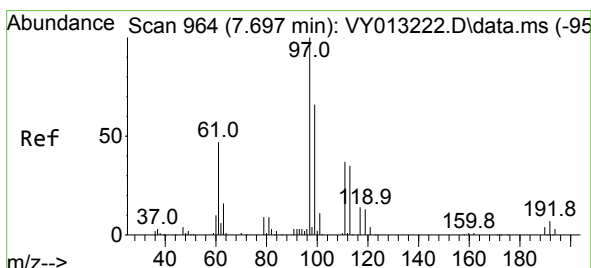
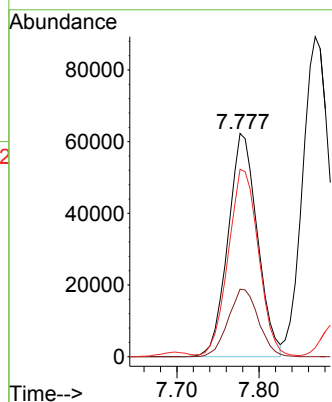
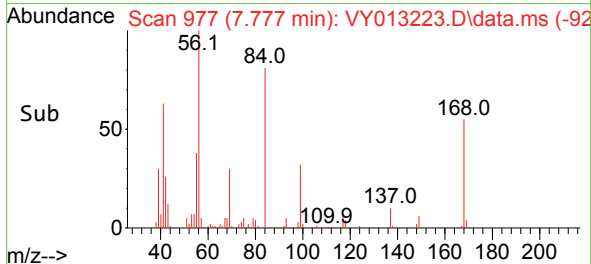


#31
Cyclohexane
Concen: 108.291 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013223.D
Acq: 07 Apr 2023 18:30

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

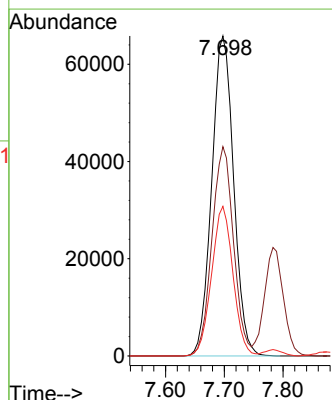
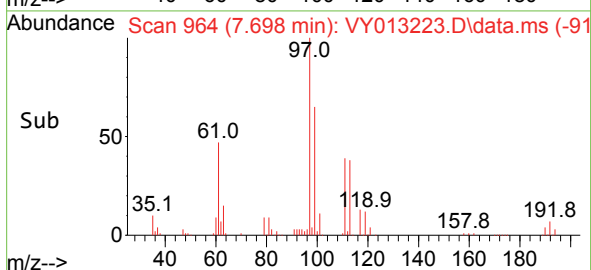
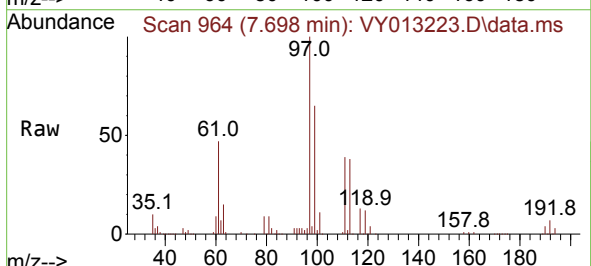


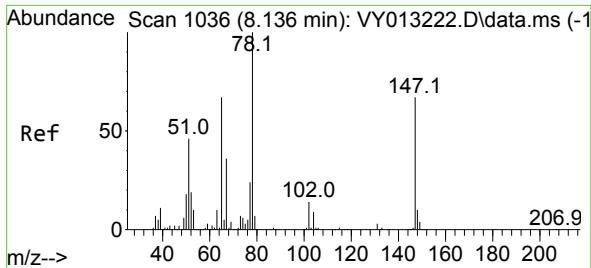
Tgt Ion: 56 Resp: 154604
Ion Ratio Lower Upper
56 100
69 30.3 25.7 38.5
84 82.2 64.3 96.5



#32
1,1,1-Trichloroethane
Concen: 103.162 ug/l
RT: 7.698 min Scan# 964
Delta R.T. 0.000 min
Lab File: VY013223.D
Acq: 07 Apr 2023 18:30

Tgt Ion: 97 Resp: 170683
Ion Ratio Lower Upper
97 100
99 64.5 51.0 76.6
61 45.8 34.5 51.7

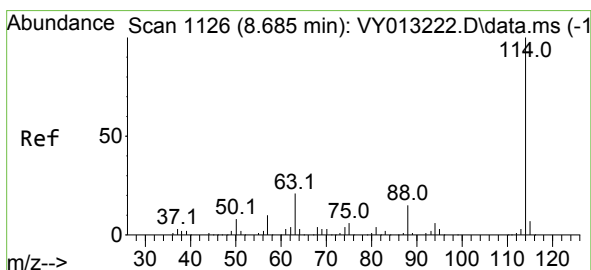
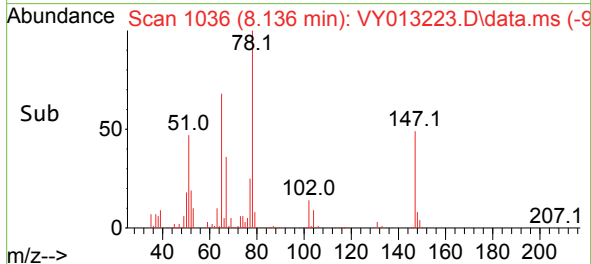
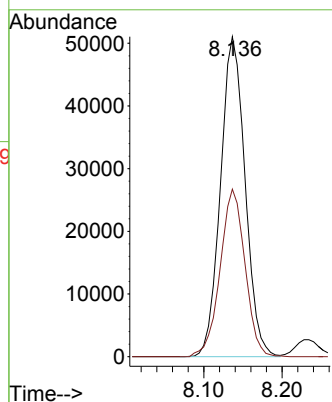
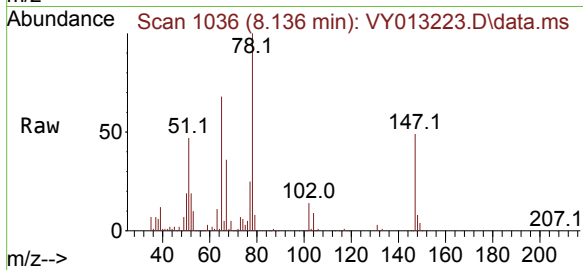




#33
 1,2-Dichloroethane-d4
 Concen: 108.865 ug/l
 RT: 8.136 min Scan# 111392
 Delta R.T. 0.000 min
 Lab File: VY013223.D
 Acq: 07 Apr 2023 18:30

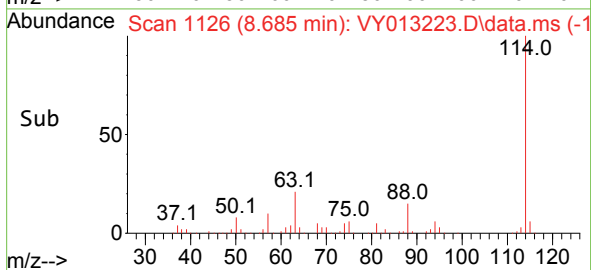
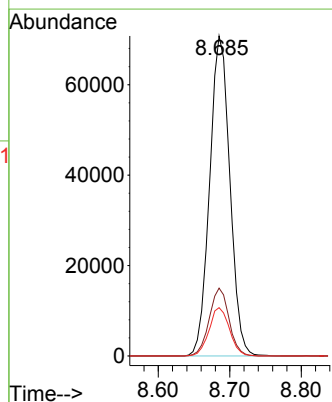
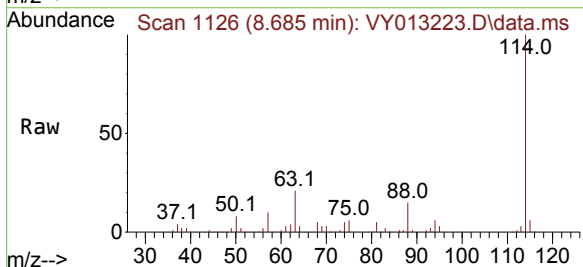
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

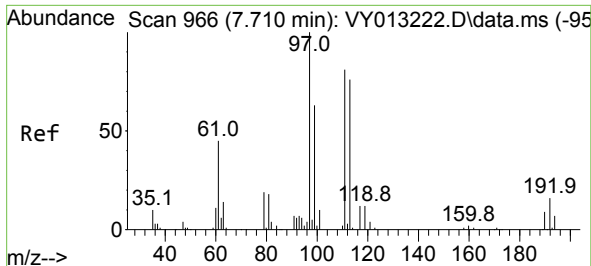
Tgt Ion: 65 Resp: 111392
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VY013223.D
 Acq: 07 Apr 2023 18:30

Tgt Ion:114 Resp: 139024
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 37.4
 88 15.1 0.0 28.6

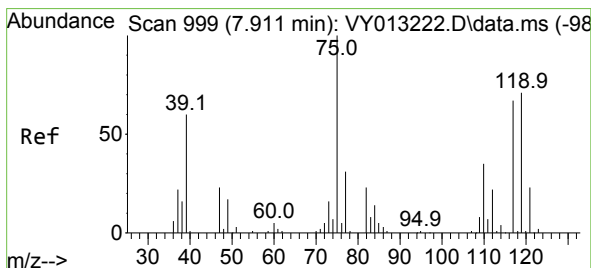
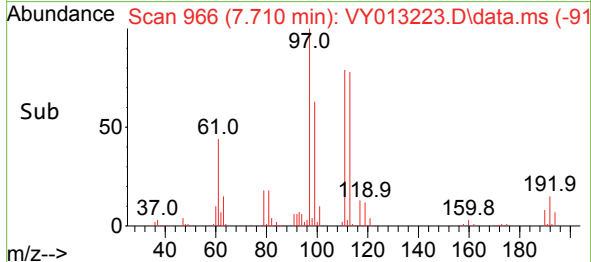
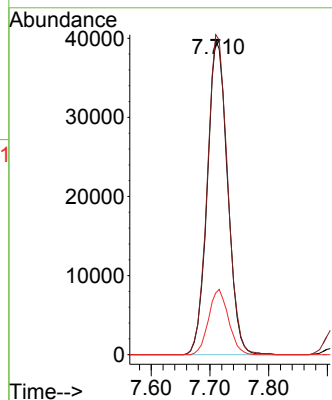
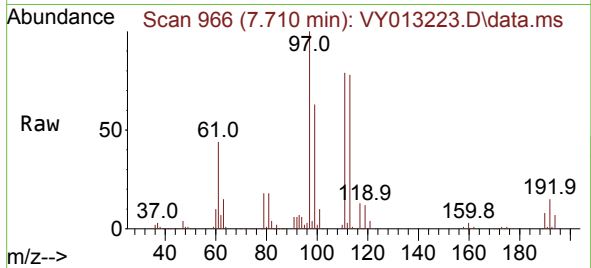




#35
 Dibromofluoromethane
 Concen: 104.774 ug/l
 RT: 7.710 min Scan# 966
 Delta R.T. 0.000 min
 Lab File: VY013223.D
 Acq: 07 Apr 2023 18:30

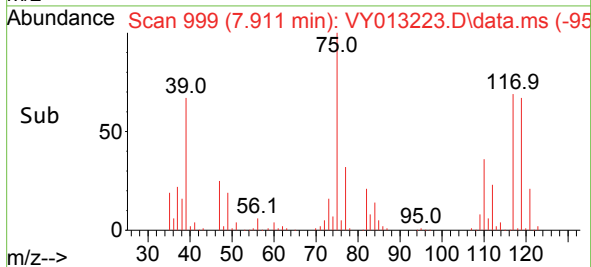
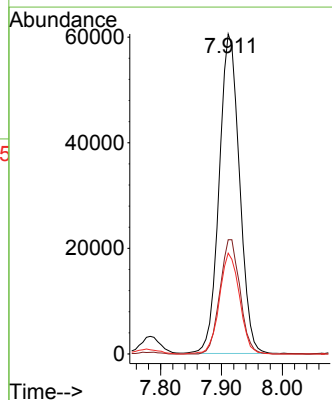
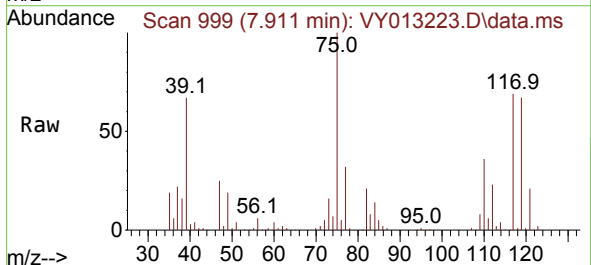
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

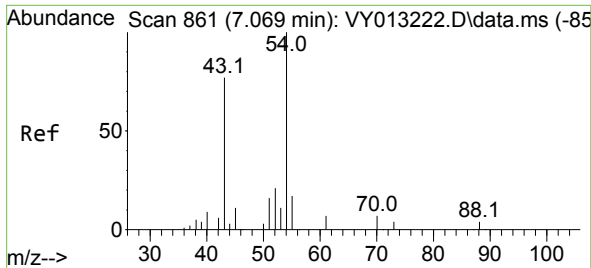
Tgt Ion:113 Resp: 95061
 Ion Ratio Lower Upper
 113 100
 111 102.3 82.2 123.2
 192 20.4 16.8 25.2



#36
 1,1-Dichloropropene
 Concen: 104.643 ug/l
 RT: 7.911 min Scan# 999
 Delta R.T. 0.000 min
 Lab File: VY013223.D
 Acq: 07 Apr 2023 18:30

Tgt Ion: 75 Resp: 140318
 Ion Ratio Lower Upper
 75 100
 110 35.3 17.8 53.3
 77 31.4 25.0 37.4



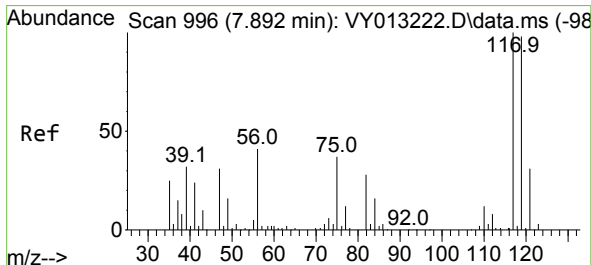
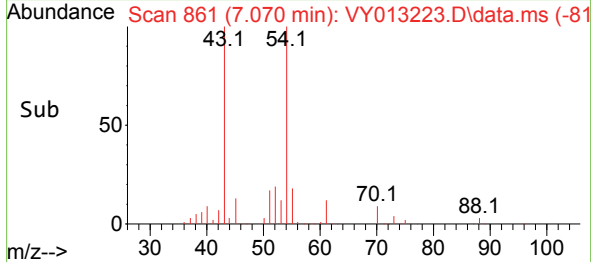
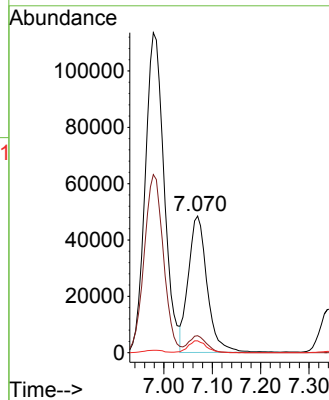
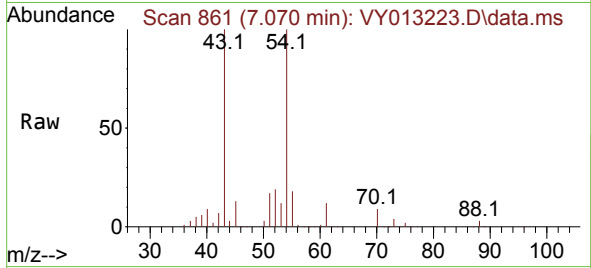


#37
Ethyl Acetate
Concen: 143.262 ug/l
RT: 7.070 min Scan# 861
Delta R.T. 0.000 min
Lab File: VY013223.D
Acq: 07 Apr 2023 18:30

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 130270

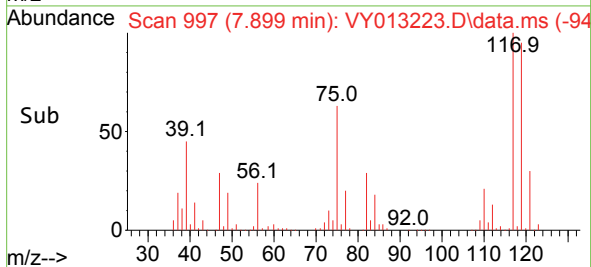
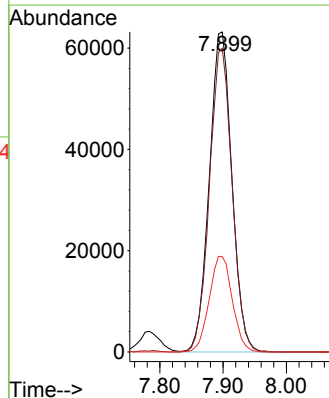
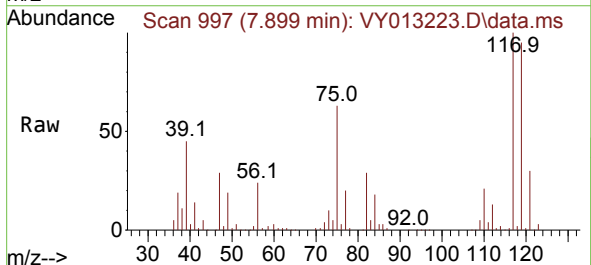
Ion	Ratio	Lower	Upper
43	100		
61	11.8	10.7	16.1
70	8.5	7.8	11.8

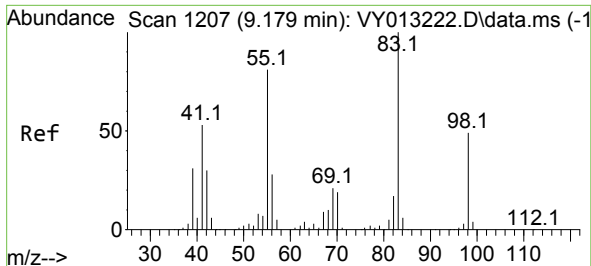


#38
Carbon Tetrachloride
Concen: 97.786 ug/l
RT: 7.899 min Scan# 997
Delta R.T. 0.006 min
Lab File: VY013223.D
Acq: 07 Apr 2023 18:30

Tgt Ion: 117 Resp: 156716

Ion	Ratio	Lower	Upper
117	100		
119	94.9	77.2	115.8
121	29.8	24.7	37.1





#39

Methylcyclohexane

Concen: 103.597 ug/l

RT: 9.179 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY013223.D

Acq: 07 Apr 2023 18:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

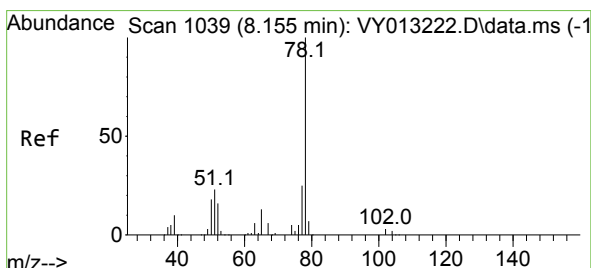
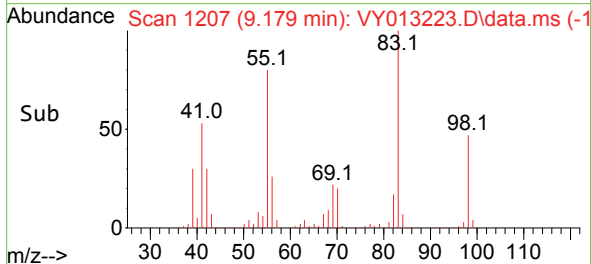
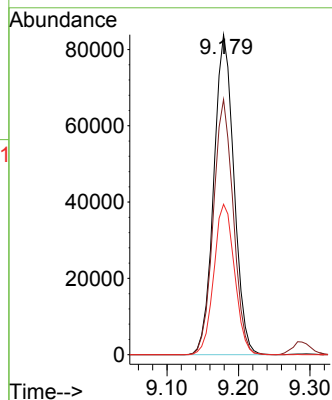
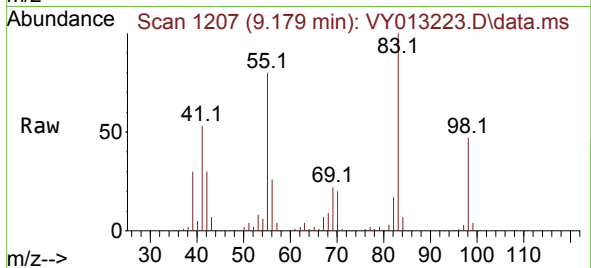
Tgt Ion: 83 Resp: 164165

Ion Ratio Lower Upper

83 100

55 79.7 60.0 90.0

98 47.0 38.3 57.5



#40

Benzene

Concen: 105.055 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. 0.000 min

Lab File: VY013223.D

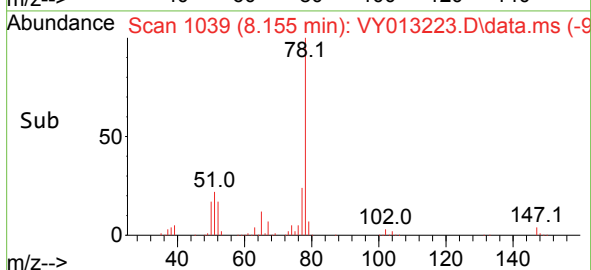
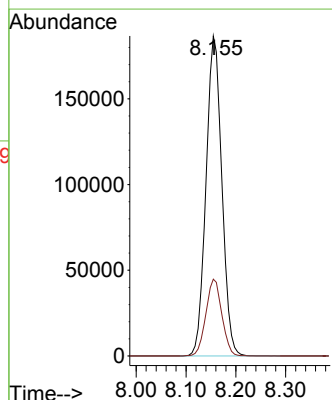
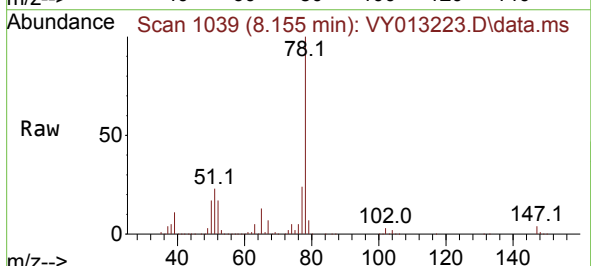
Acq: 07 Apr 2023 18:30

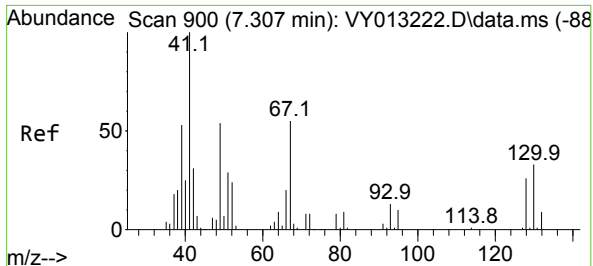
Tgt Ion: 78 Resp: 410903

Ion Ratio Lower Upper

78 100

77 24.0 19.4 29.0

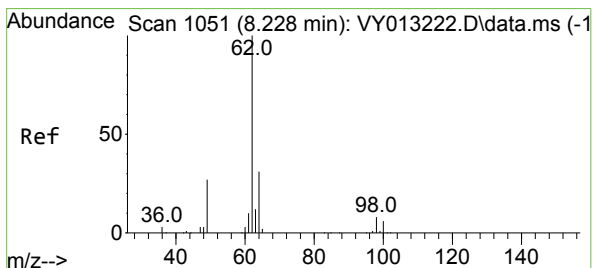
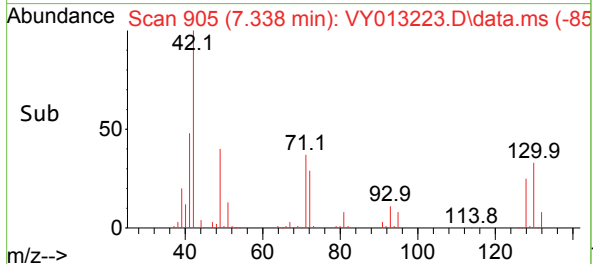
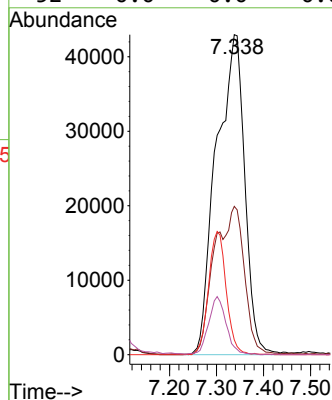
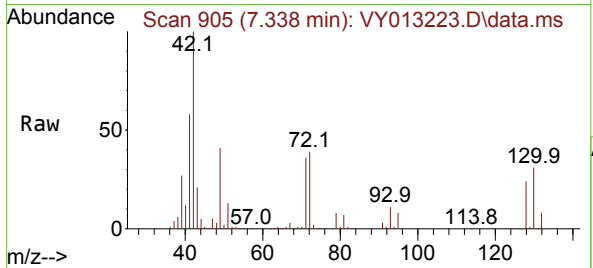




#41
Methacrylonitrile
Concen: 392.145 ug/l
RT: 7.338 min Scan# 905
Delta R.T. 0.031 min
Lab File: VY013223.D
Acq: 07 Apr 2023 18:30

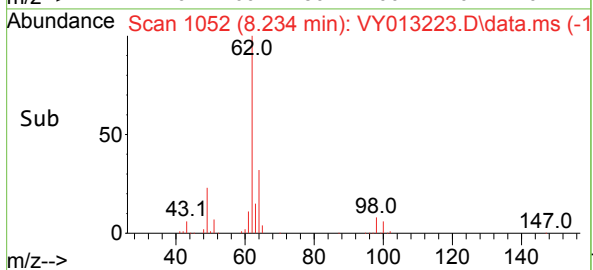
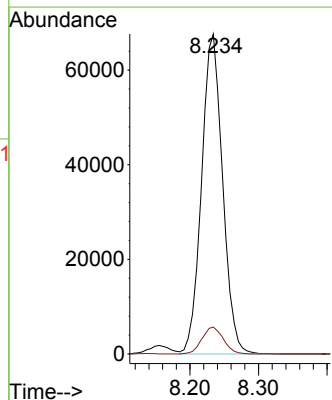
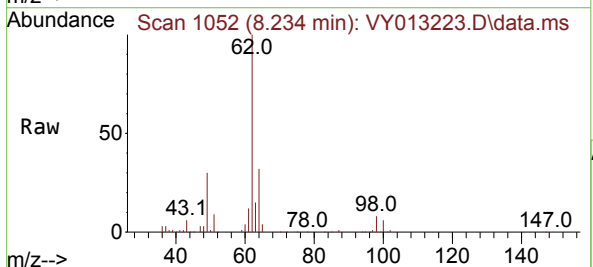
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

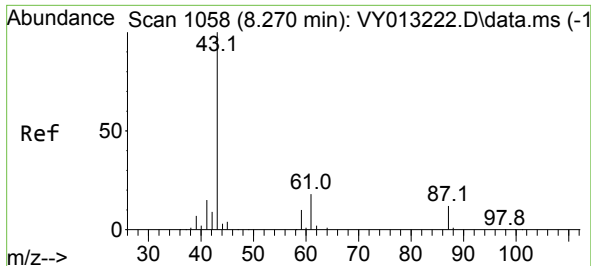
Tgt Ion: 41 Resp: 179553
Ion Ratio Lower Upper
41 100
39 0.0 0.0 0.0
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 107.717 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.006 min
Lab File: VY013223.D
Acq: 07 Apr 2023 18:30

Tgt Ion: 62 Resp: 144582
Ion Ratio Lower Upper
62 100
98 8.5 0.0 18.8

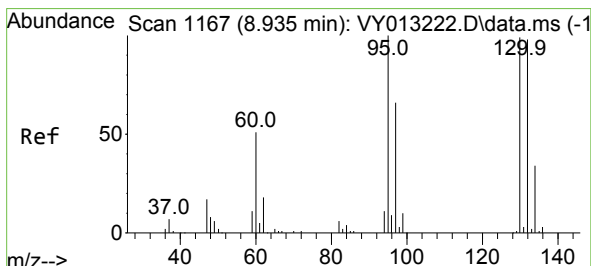
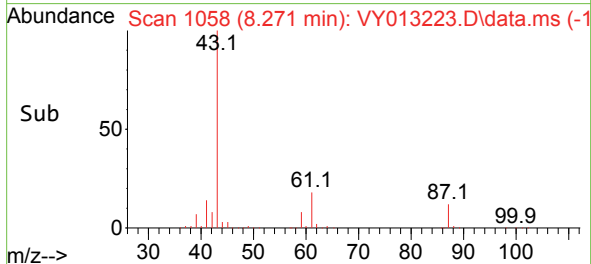
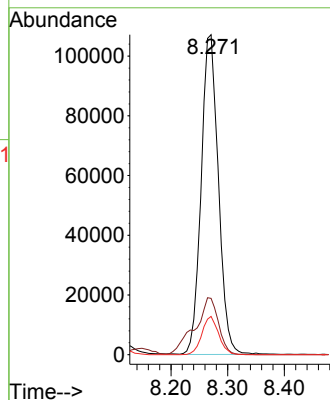
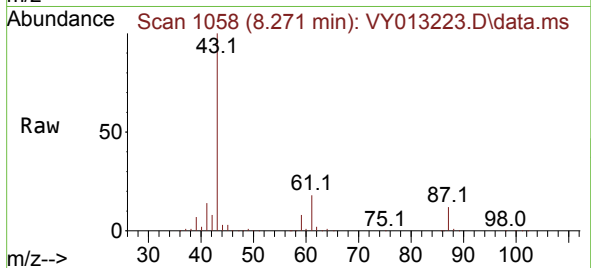




#43
Isopropyl Acetate
Concen: 139.617 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VY013223.D
Acq: 07 Apr 2023 18:30

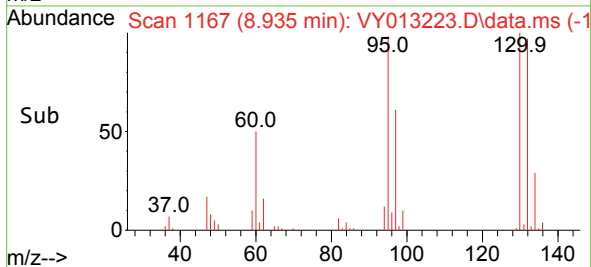
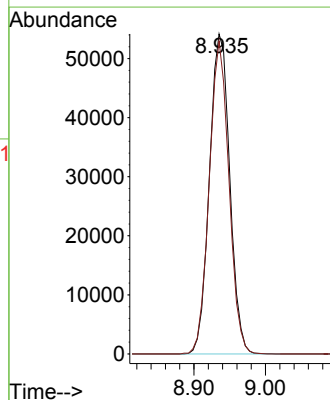
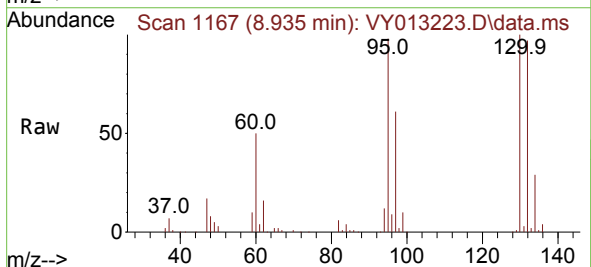
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

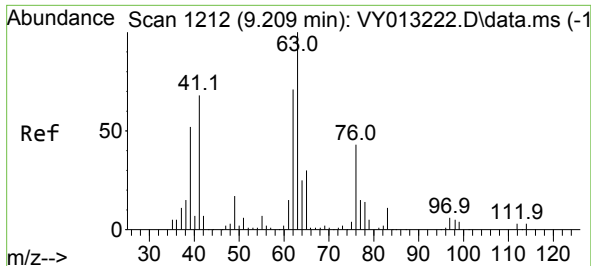
Tgt Ion: 43 Resp: 226135
Ion Ratio Lower Upper
43 100
61 24.4 21.6 32.4
87 11.6 9.9 14.9



#44
Trichloroethene
Concen: 97.972 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VY013223.D
Acq: 07 Apr 2023 18:30

Tgt Ion:130 Resp: 106835
Ion Ratio Lower Upper
130 100
95 97.8 0.0 185.0

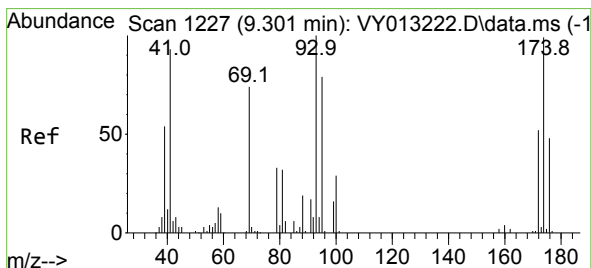
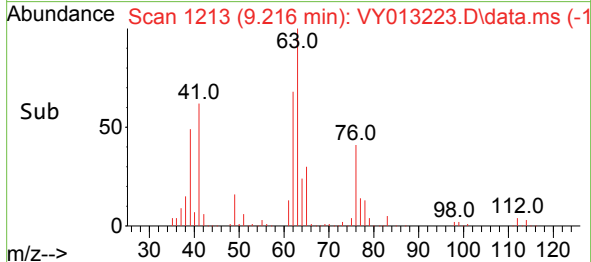
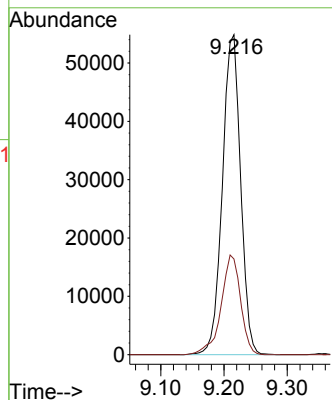
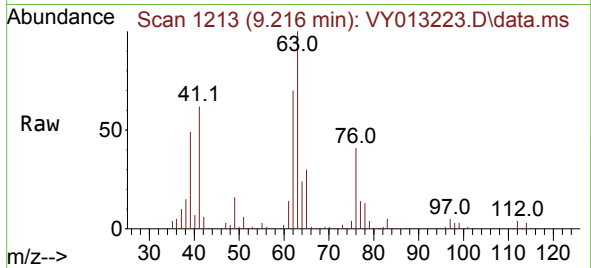




#45
1,2-Dichloropropane
Concen: 116.440 ug/l
RT: 9.216 min Scan# 1213
Delta R.T. 0.006 min
Lab File: VY013223.D
Acq: 07 Apr 2023 18:30

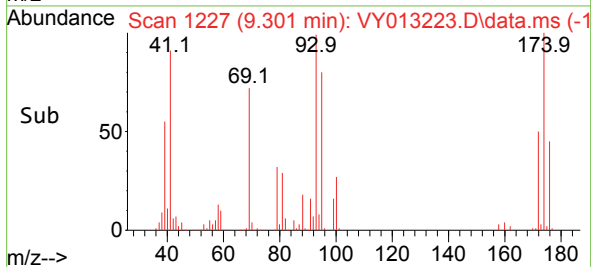
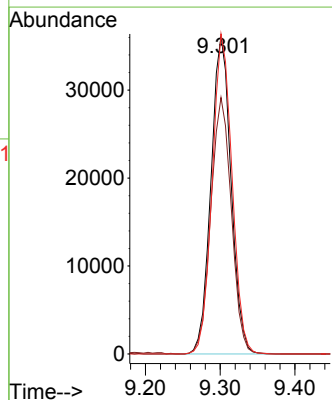
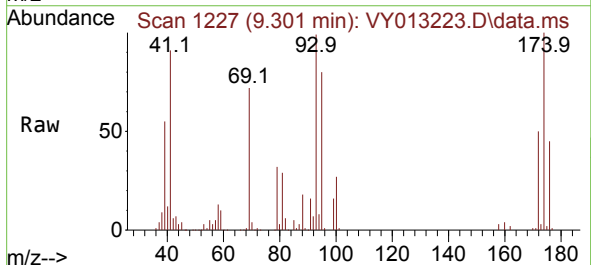
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

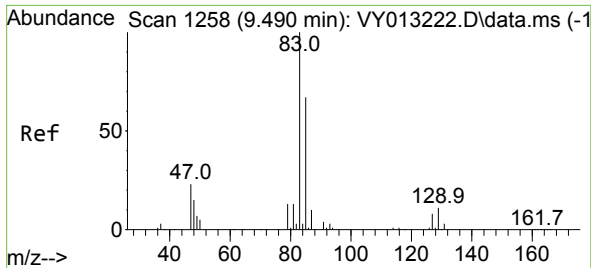
Tgt Ion: 63 Resp: 109415
Ion Ratio Lower Upper
63 100
65 29.9 25.7 38.5



#46
Dibromomethane
Concen: 112.717 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. 0.000 min
Lab File: VY013223.D
Acq: 07 Apr 2023 18:30

Tgt Ion: 93 Resp: 67372
Ion Ratio Lower Upper
93 100
95 82.4 65.6 98.4
174 99.4 81.3 121.9



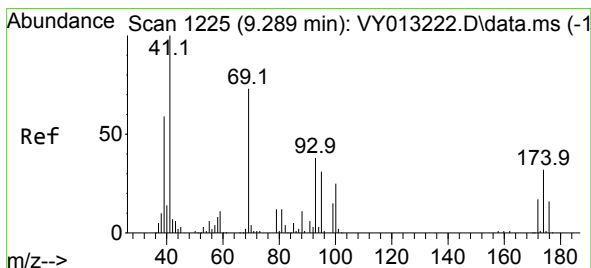
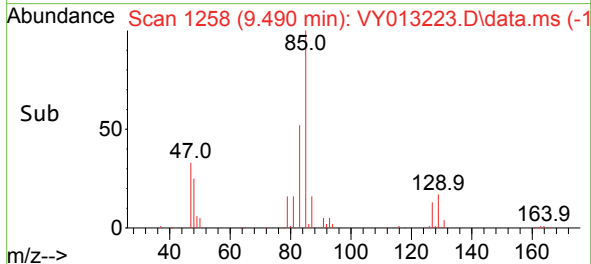
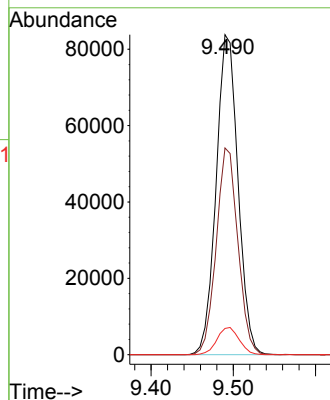
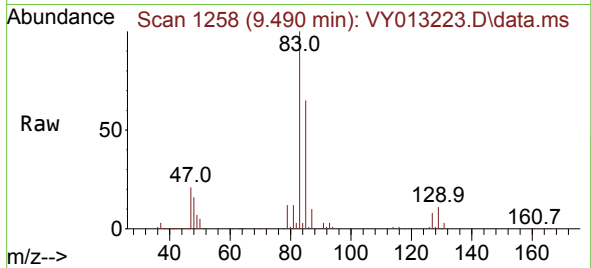


#47
 Bromodichloromethane
 Concen: 108.856 ug/l
 RT: 9.490 min Scan# 1258
 Delta R.T. 0.000 min
 Lab File: VY013223.D
 Acq: 07 Apr 2023 18:30

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

Tgt Ion: 83 Resp: 154777

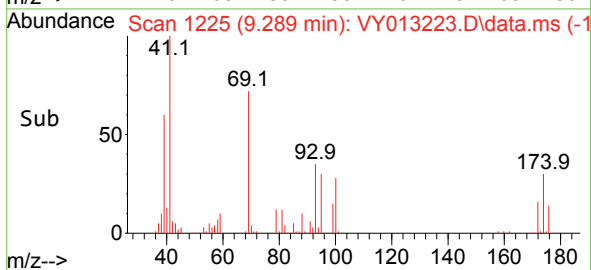
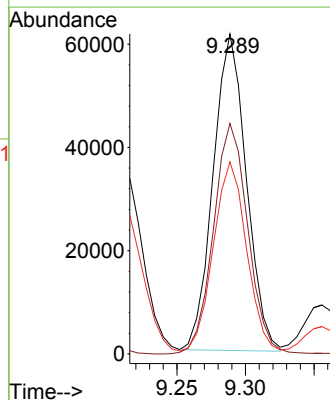
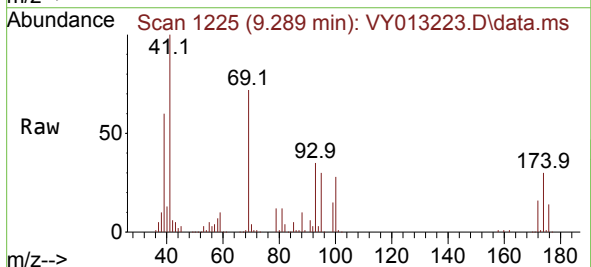
Ion	Ratio	Lower	Upper
83	100		
85	64.6	50.2	75.4
127	8.2	6.3	9.5

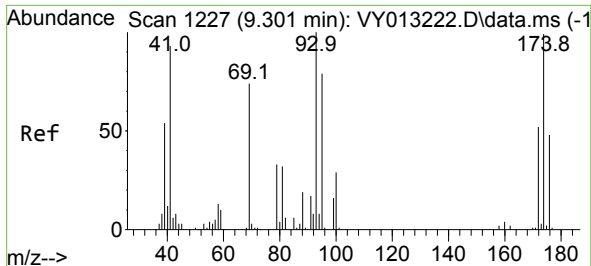


#48
 Methyl methacrylate
 Concen: 139.917 ug/l
 RT: 9.289 min Scan# 1225
 Delta R.T. 0.000 min
 Lab File: VY013223.D
 Acq: 07 Apr 2023 18:30

Tgt Ion: 41 Resp: 103162

Ion	Ratio	Lower	Upper
41	100		
69	75.8	64.1	96.1
39	59.7	44.0	66.0





#49

1,4-Dioxane

Concen: 2469.037 ug/l

RT: 9.301 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY013223.D

Acq: 07 Apr 2023 18:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

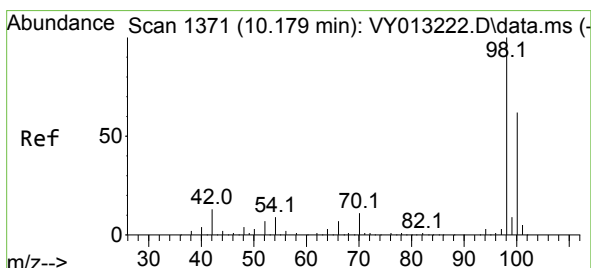
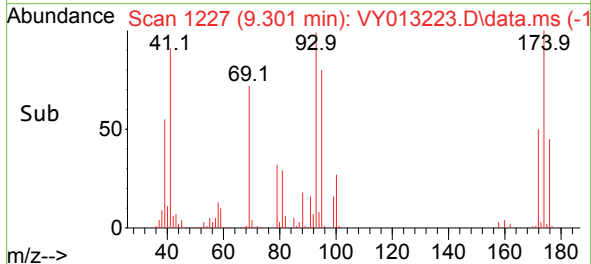
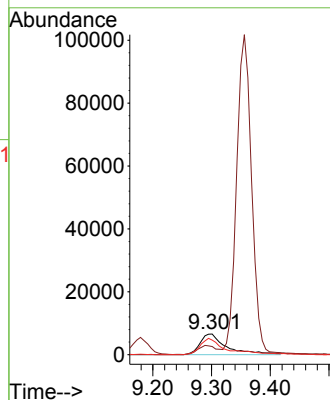
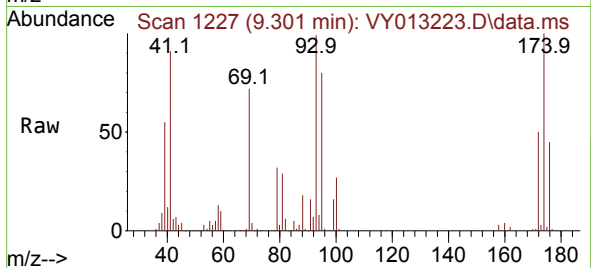
Tgt Ion: 88 Resp: 20779

Ion Ratio Lower Upper

88 100

43 32.1 28.6 42.8

58 78.9 55.2 82.8



#50

Toluene-d8

Concen: 104.465 ug/l

RT: 10.173 min Scan# 1370

Delta R.T. -0.006 min

Lab File: VY013223.D

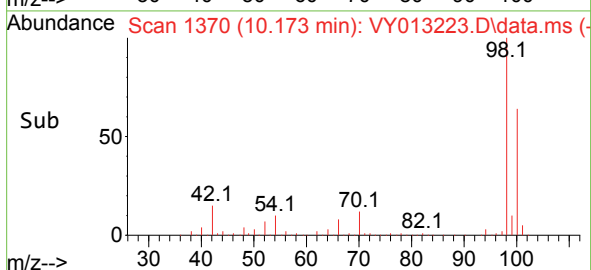
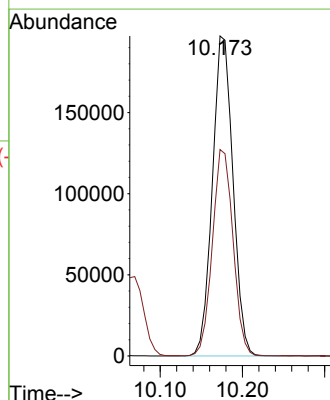
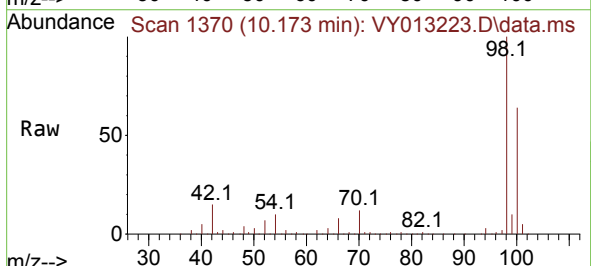
Acq: 07 Apr 2023 18:30

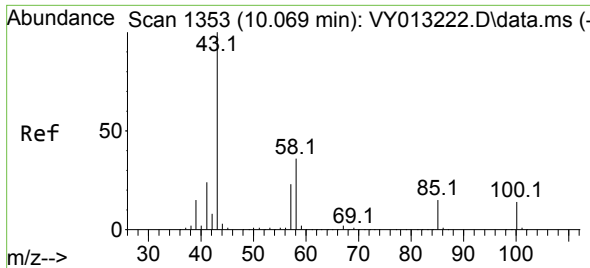
Tgt Ion: 98 Resp: 342899

Ion Ratio Lower Upper

98 100

100 64.8 50.9 76.3

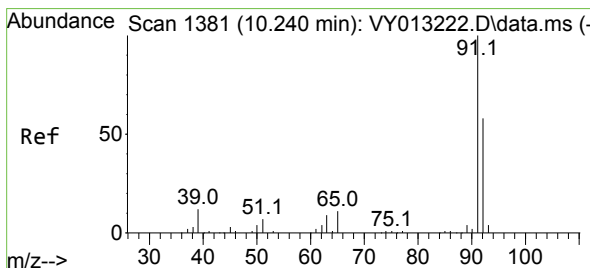
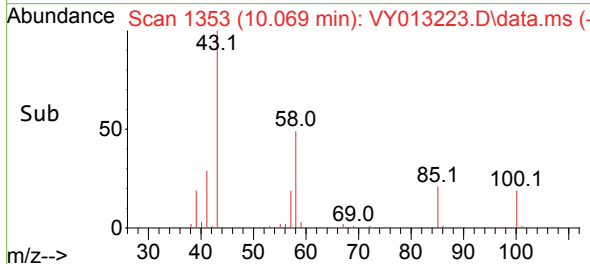
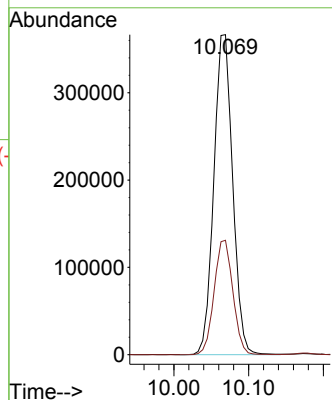
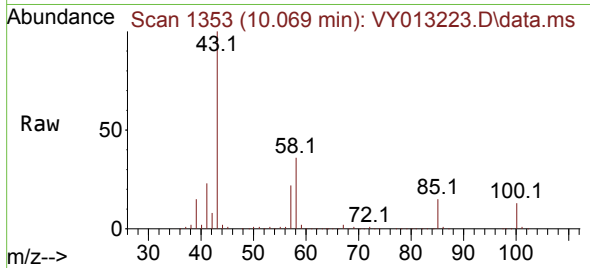




#51
4-Methyl-2-Pentanone
Concen: 713.179 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY013223.D
Acq: 07 Apr 2023 18:30

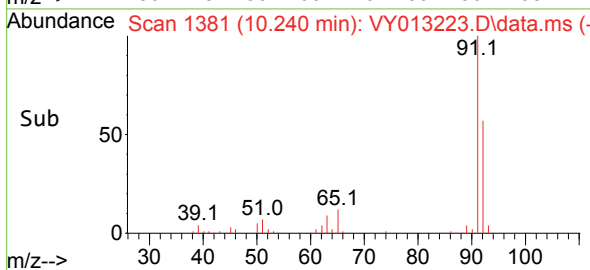
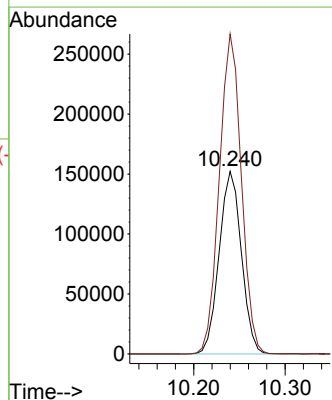
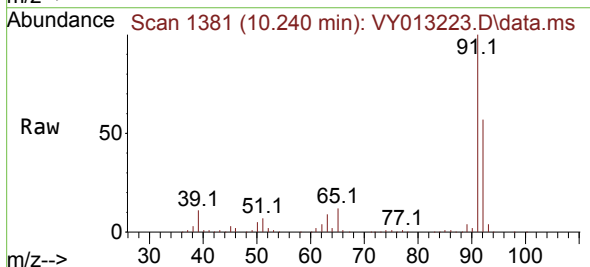
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

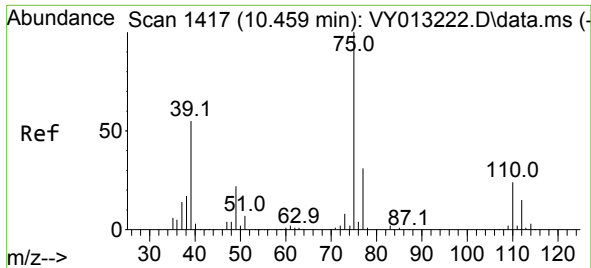
Tgt Ion: 43 Resp: 640655
Ion Ratio Lower Upper
43 100
58 35.7 29.8 44.6



#52
Toluene
Concen: 104.190 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VY013223.D
Acq: 07 Apr 2023 18:30

Tgt Ion: 92 Resp: 257571
Ion Ratio Lower Upper
92 100
91 173.4 141.3 211.9

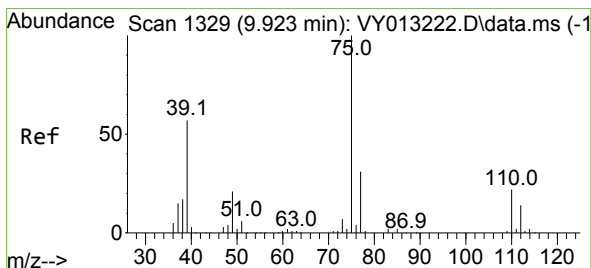
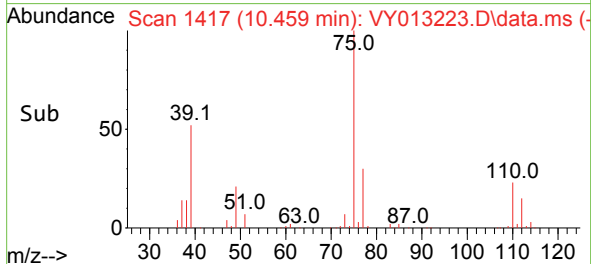
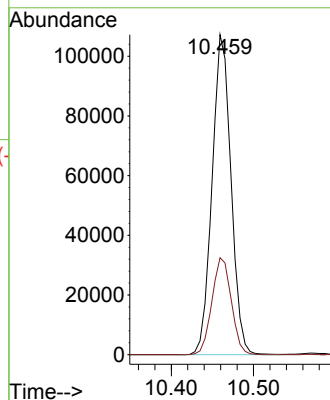
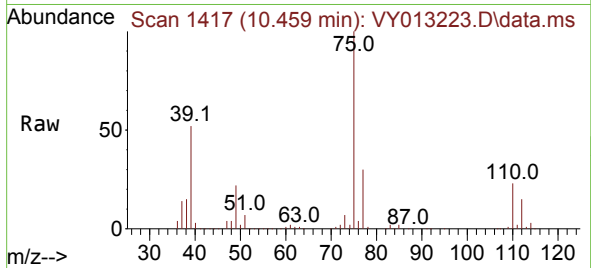




#53
 t-1,3-Dichloropropene
 Concen: 113.595 ug/l
 RT: 10.459 min Scan# 1417
 Delta R.T. 0.000 min
 Lab File: VY013223.D
 Acq: 07 Apr 2023 18:30

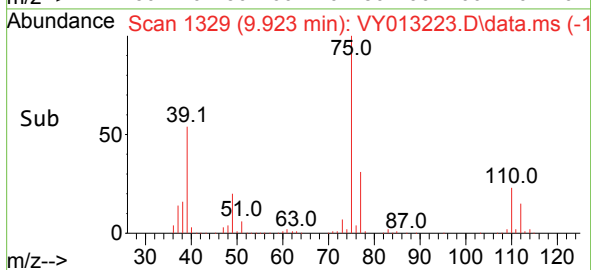
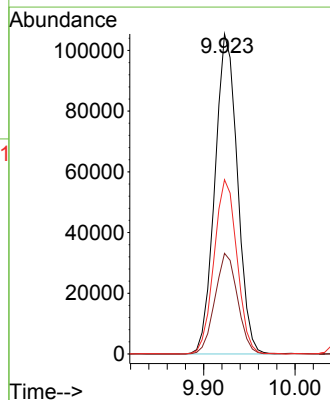
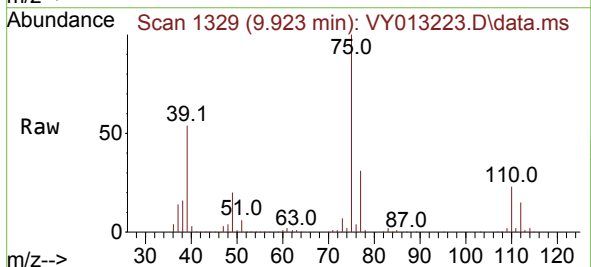
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

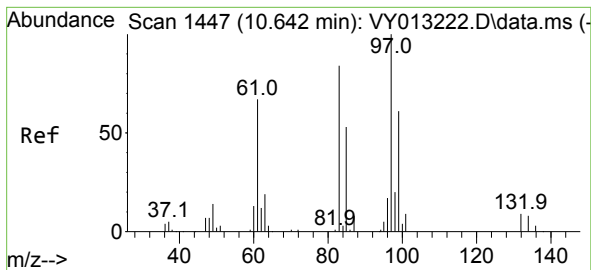
Tgt Ion: 75 Resp: 171184
 Ion Ratio Lower Upper
 75 100
 77 30.3 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 113.090 ug/l
 RT: 9.923 min Scan# 1329
 Delta R.T. 0.000 min
 Lab File: VY013223.D
 Acq: 07 Apr 2023 18:30

Tgt Ion: 75 Resp: 180485
 Ion Ratio Lower Upper
 75 100
 77 31.4 25.4 38.0
 39 54.5 39.0 58.4





#55

1,1,2-Trichloroethane

Concen: 111.212 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. 0.000 min

Lab File: VY013223.D

Acq: 07 Apr 2023 18:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

Tgt Ion: 97 Resp: 90861

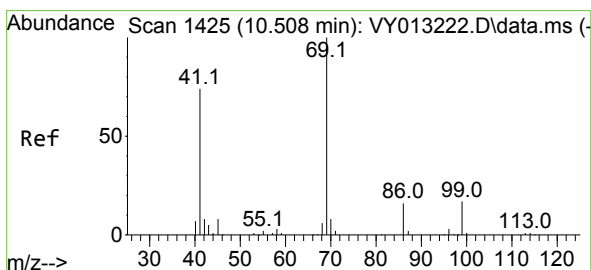
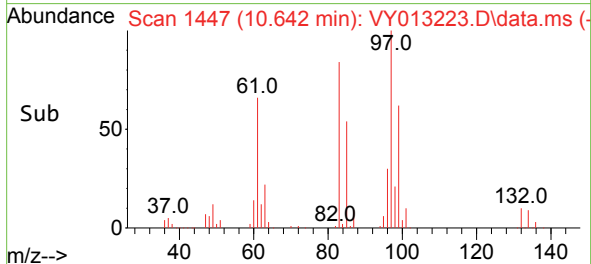
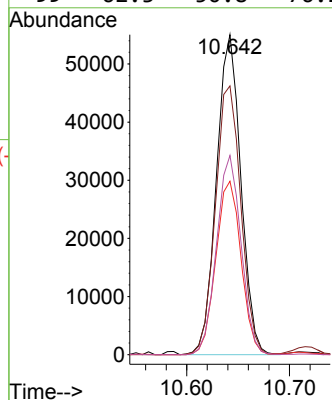
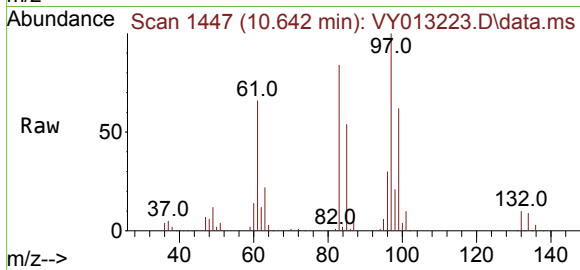
Ion Ratio Lower Upper

97 100

83 84.0 69.0 103.6

85 54.2 44.9 67.3

99 62.3 50.8 76.2



#56

Ethyl methacrylate

Concen: 127.864 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. 0.000 min

Lab File: VY013223.D

Acq: 07 Apr 2023 18:30

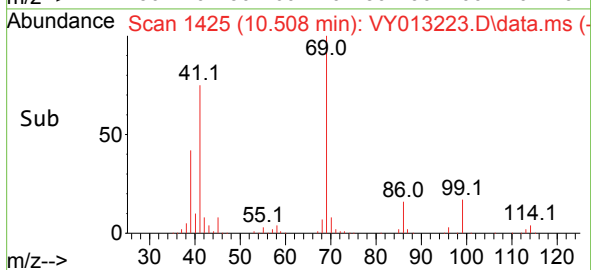
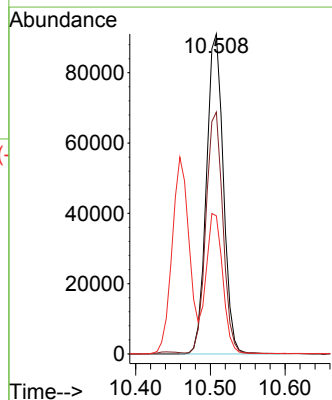
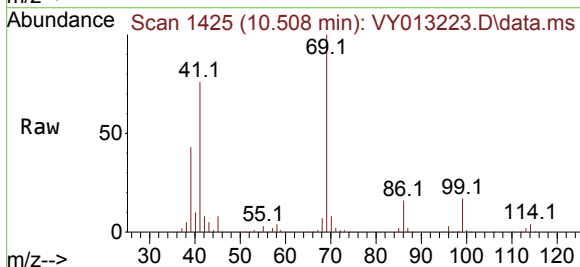
Tgt Ion: 69 Resp: 143064

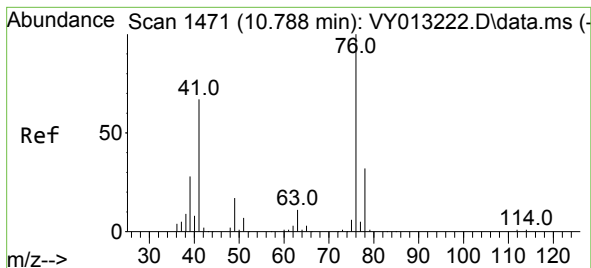
Ion Ratio Lower Upper

69 100

41 75.9 56.4 84.6

39 43.0 30.8 46.2





#57

1,3-Dichloropropane

Concen: 115.564 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY013223.D

Acq: 07 Apr 2023 18:30

Instrument :

MSVOA_Y

ClientSampleId :

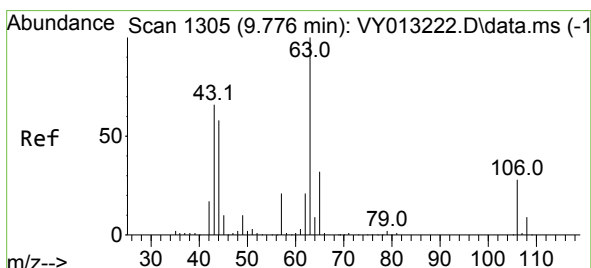
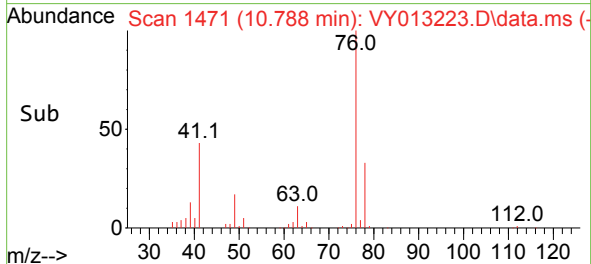
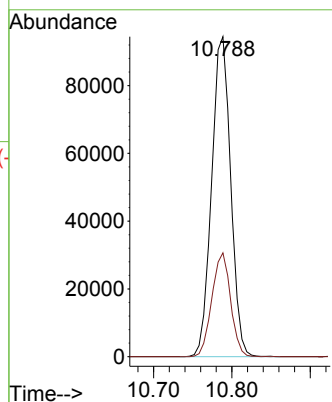
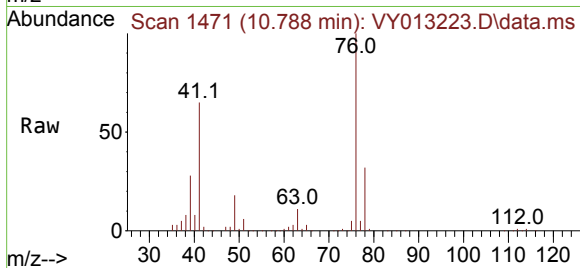
VSTDIC100

Tgt Ion: 76 Resp: 159320

Ion Ratio Lower Upper

76 100

78 31.8 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 626.373 ug/l

RT: 9.776 min Scan# 1305

Delta R.T. 0.000 min

Lab File: VY013223.D

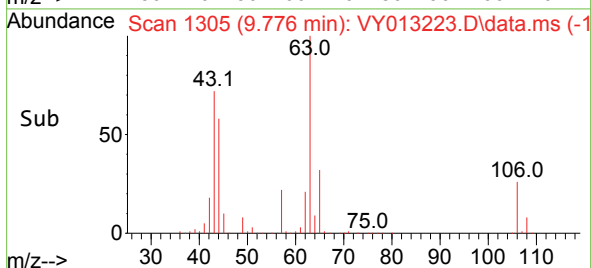
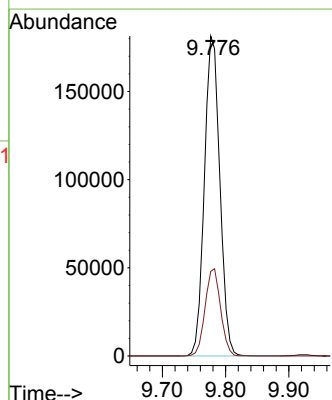
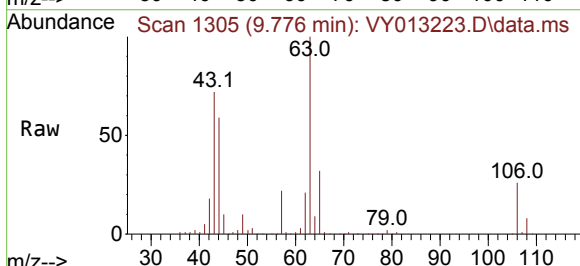
Acq: 07 Apr 2023 18:30

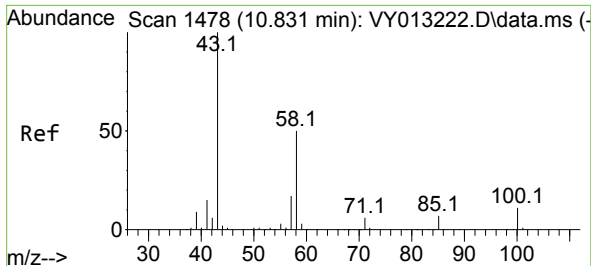
Tgt Ion: 63 Resp: 308531

Ion Ratio Lower Upper

63 100

106 27.3 22.1 33.1

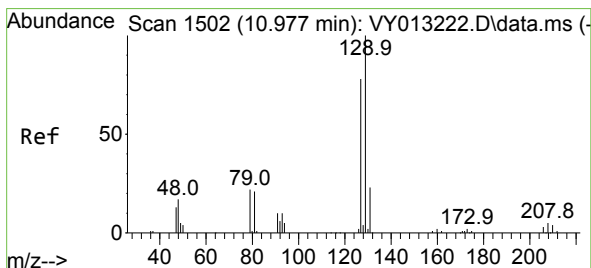
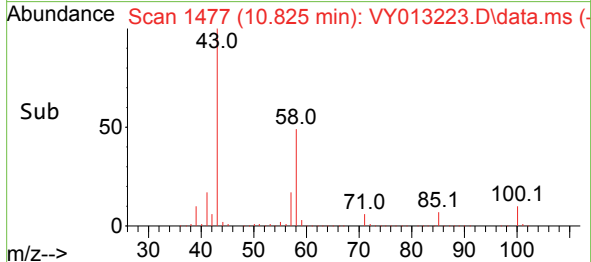
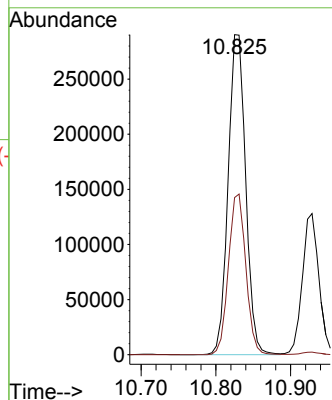
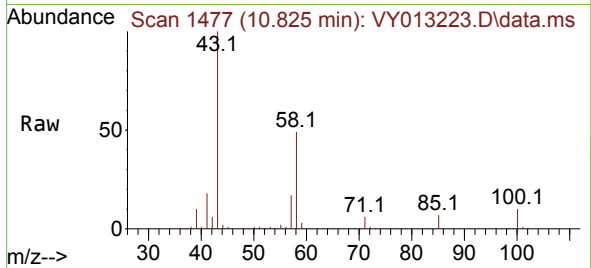




#59
2-Hexanone
Concen: 713.974 ug/l
RT: 10.825 min Scan# 1477
Delta R.T. -0.006 min
Lab File: VY013223.D
Acq: 07 Apr 2023 18:30

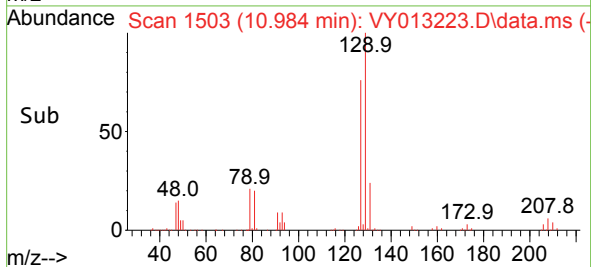
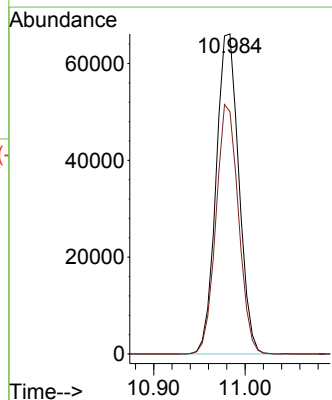
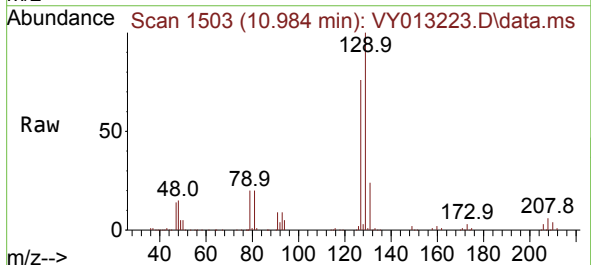
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

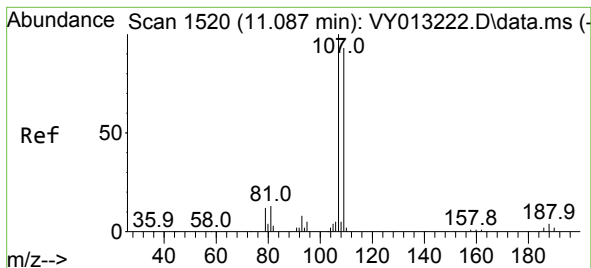
Tgt Ion: 43 Resp: 473368
Ion Ratio Lower Upper
43 100
58 49.8 25.9 77.8



#60
Dibromochloromethane
Concen: 108.011 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.006 min
Lab File: VY013223.D
Acq: 07 Apr 2023 18:30

Tgt Ion: 129 Resp: 114562
Ion Ratio Lower Upper
129 100
127 77.1 38.7 116.1





#61

1,2-Dibromoethane

Concen: 110.430 ug/l

RT: 11.087 min Scan# 1520

Delta R.T. 0.000 min

Lab File: VY013223.D

Acq: 07 Apr 2023 18:30

Instrument :

MSVOA_Y

ClientSampleId :

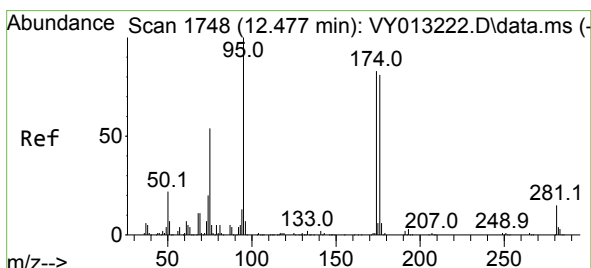
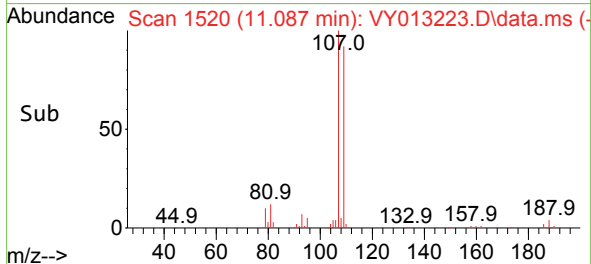
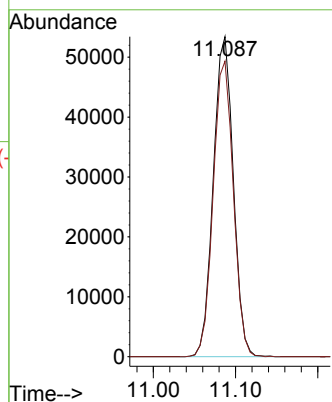
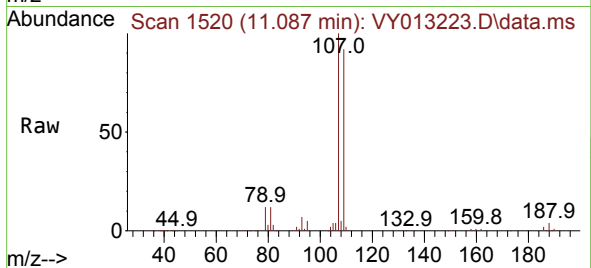
VSTDIC100

Tgt Ion:107 Resp: 90184

Ion Ratio Lower Upper

107 100

109 93.1 75.0 112.6



#62

4-Bromofluorobenzene

Concen: 107.023 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. 0.000 min

Lab File: VY013223.D

Acq: 07 Apr 2023 18:30

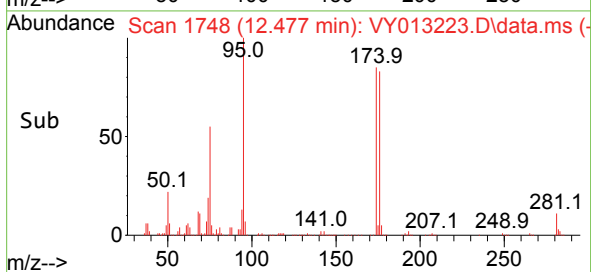
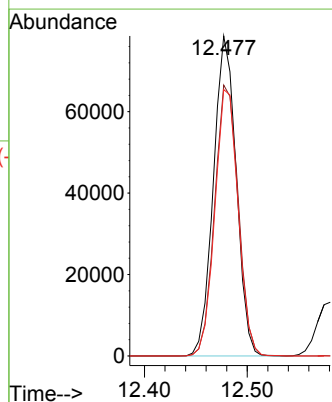
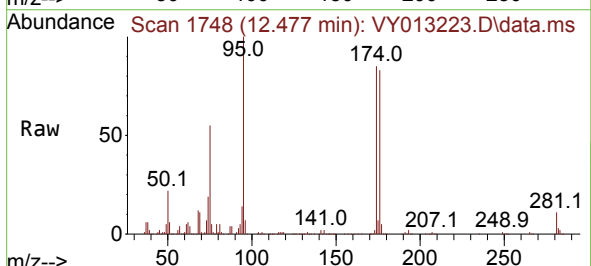
Tgt Ion: 95 Resp: 120892

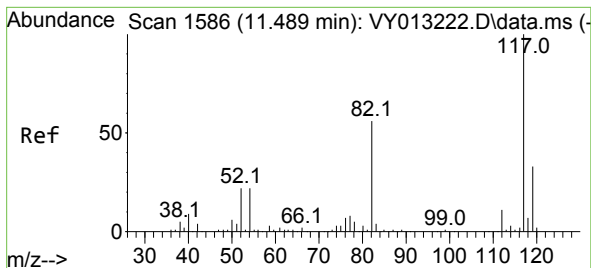
Ion Ratio Lower Upper

95 100

174 87.8 0.0 176.6

176 85.1 0.0 170.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY013223.D

Acq: 07 Apr 2023 18:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

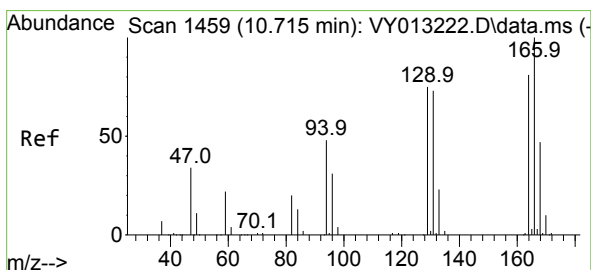
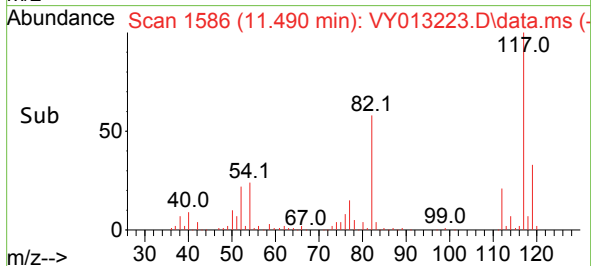
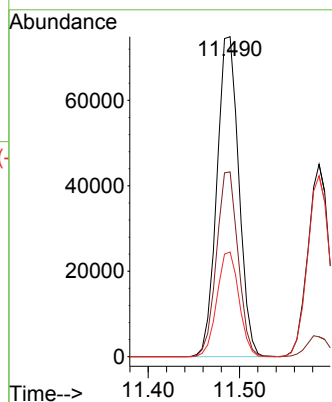
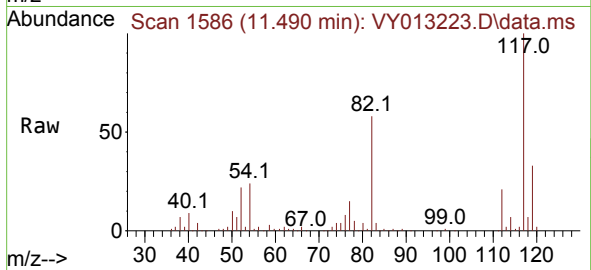
Tgt Ion:117 Resp: 124981

Ion Ratio Lower Upper

117 100

82 57.8 45.4 68.0

119 32.7 25.6 38.4



#64

Tetrachloroethene

Concen: 92.540 ug/l

RT: 10.715 min Scan# 1459

Delta R.T. 0.000 min

Lab File: VY013223.D

Acq: 07 Apr 2023 18:30

Tgt Ion:164 Resp: 91924

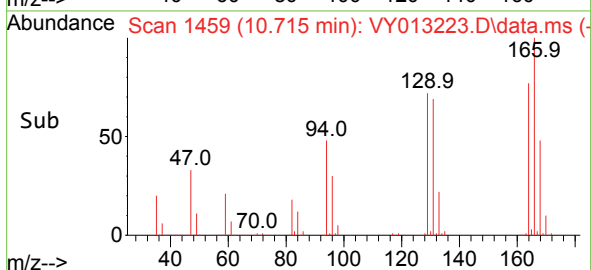
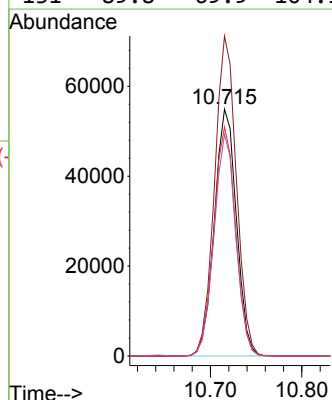
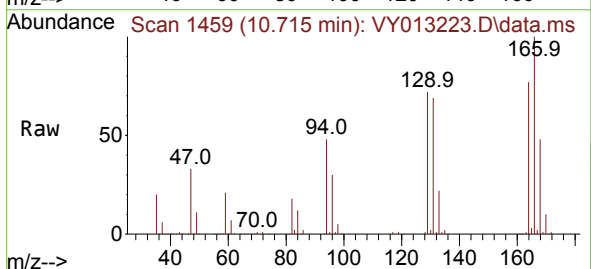
Ion Ratio Lower Upper

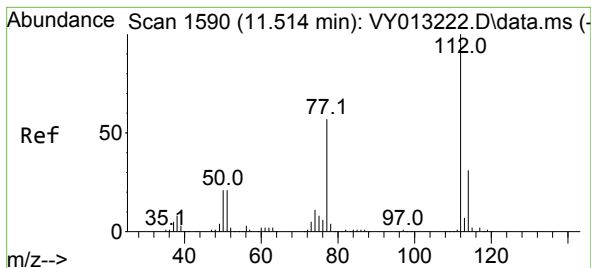
164 100

166 129.7 103.4 155.2

129 92.8 71.4 107.2

131 89.8 69.9 104.9





#65

Chlorobenzene

Concen: 100.226 ug/l

RT: 11.514 min Scan# 1159

Delta R.T. 0.000 min

Lab File: VY013223.D

Acq: 07 Apr 2023 18:30

Instrument :

MSVOA_Y

ClientSampleId :

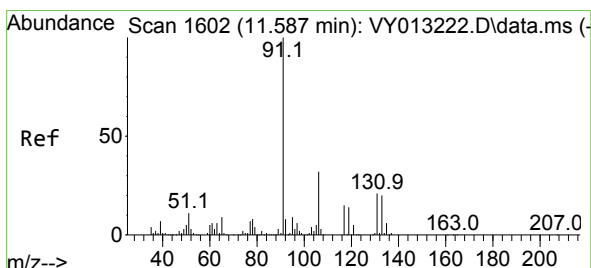
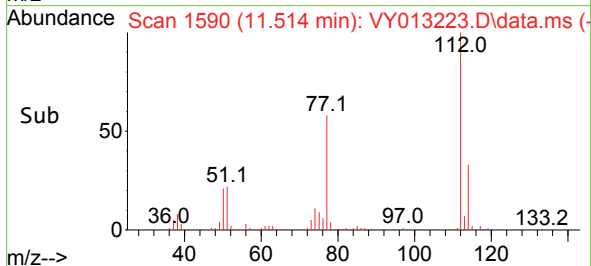
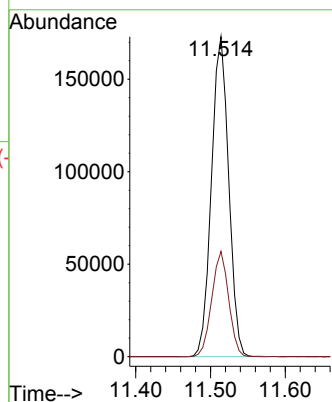
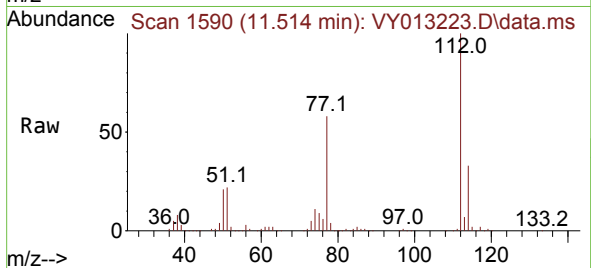
VSTDIC100

Tgt Ion:112 Resp: 277227

Ion Ratio Lower Upper

112 100

114 32.9 24.5 36.7



#66

1,1,1,2-Tetrachloroethane

Concen: 102.091 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VY013223.D

Acq: 07 Apr 2023 18:30

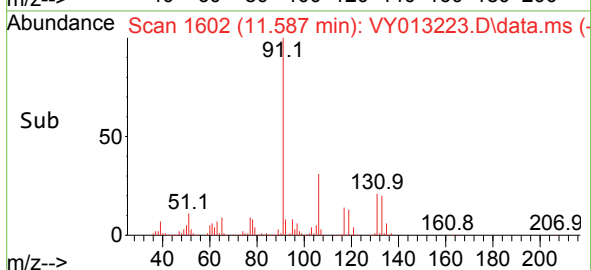
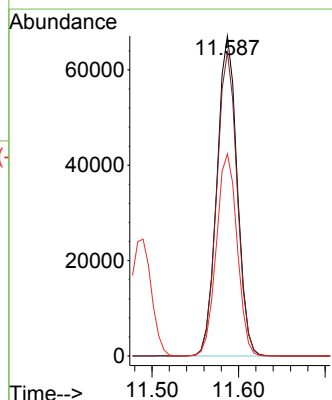
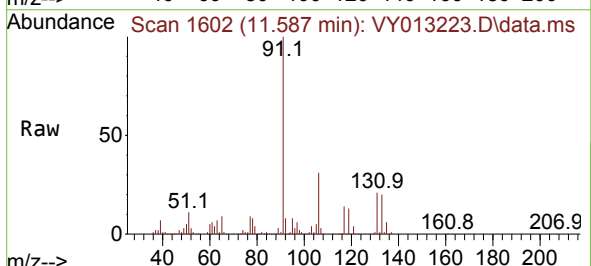
Tgt Ion:131 Resp: 108986

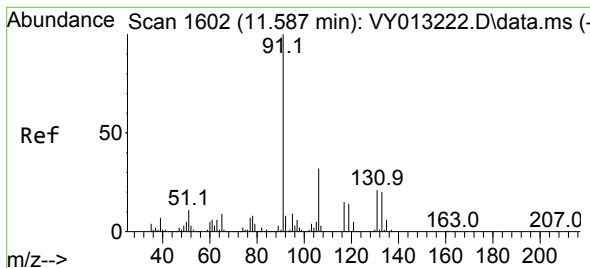
Ion Ratio Lower Upper

131 100

133 95.3 48.0 144.0

119 64.7 32.6 98.0





#67

Ethyl Benzene

Concen: 105.683 ug/l

RT: 11.587 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY013223.D

Acq: 07 Apr 2023 18:30

Instrument :

MSVOA_Y

ClientSampleId :

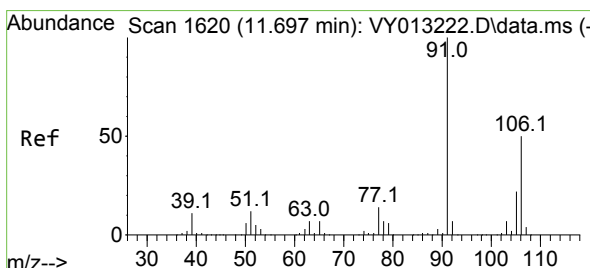
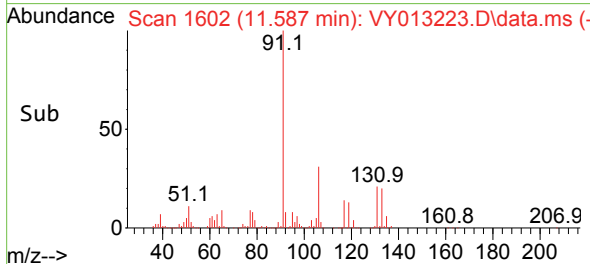
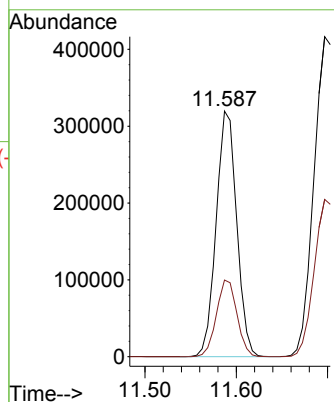
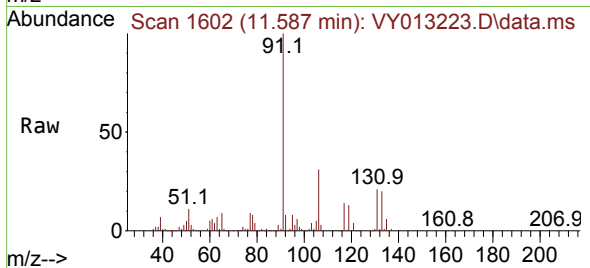
VSTDIC100

Tgt Ion: 91 Resp: 499186

Ion Ratio Lower Upper

91 100

106 31.2 25.1 37.7



#68

m/p-Xylenes

Concen: 204.544 ug/l

RT: 11.697 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VY013223.D

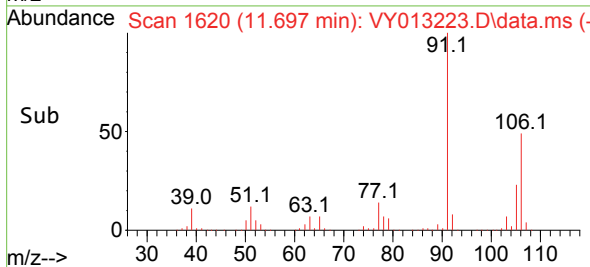
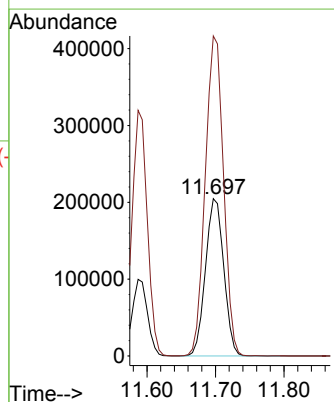
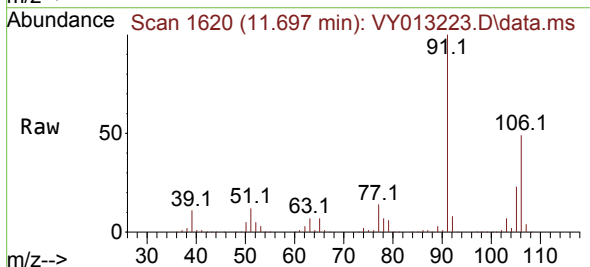
Acq: 07 Apr 2023 18:30

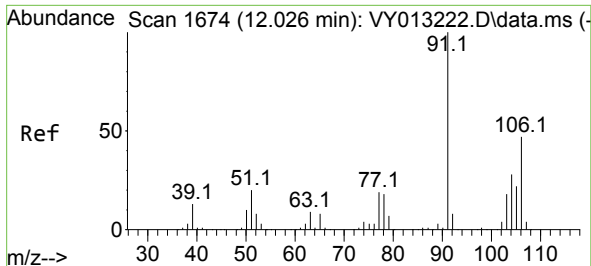
Tgt Ion:106 Resp: 380063

Ion Ratio Lower Upper

106 100

91 202.9 159.8 239.8

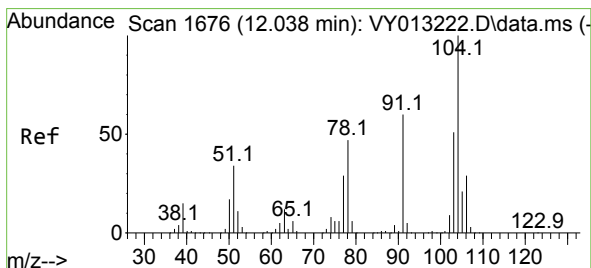
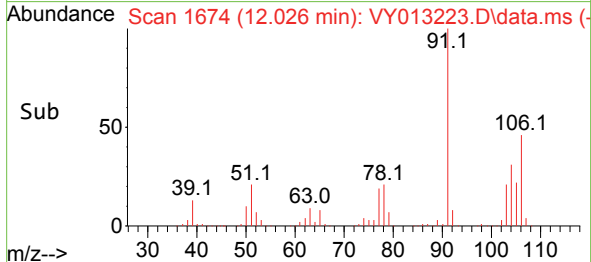
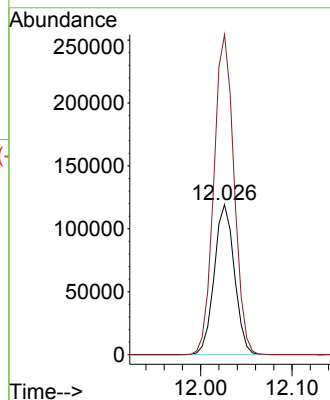
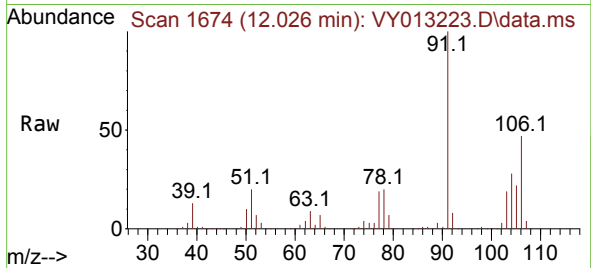




#69
o-Xylene
Concen: 104.779 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. 0.000 min
Lab File: VY013223.D
Acq: 07 Apr 2023 18:30

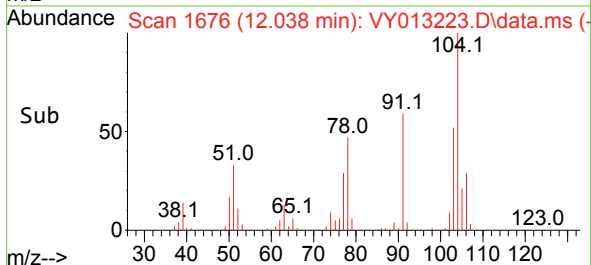
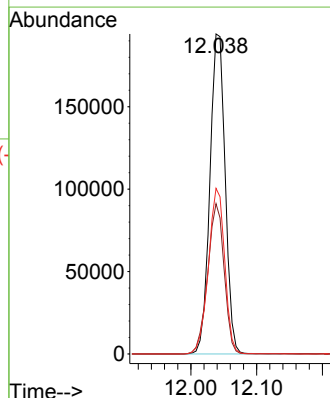
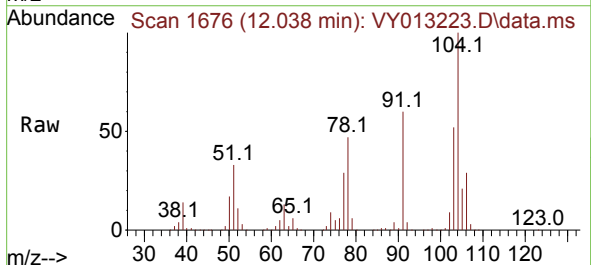
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

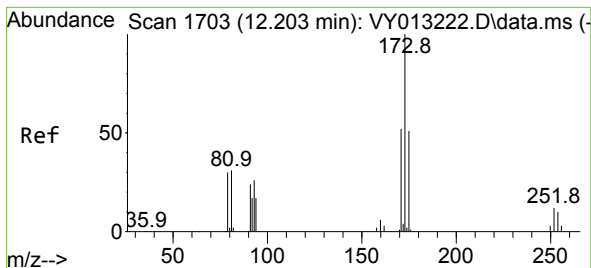
Tgt Ion:106 Resp: 182944
Ion Ratio Lower Upper
106 100
91 213.5 107.2 321.6



#70
Styrene
Concen: 106.494 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VY013223.D
Acq: 07 Apr 2023 18:30

Tgt Ion:104 Resp: 314192
Ion Ratio Lower Upper
104 100
78 50.5 39.2 58.8
103 55.2 43.7 65.5





#71

Bromoform

Concen: 109.508 ug/l

RT: 12.203 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY013223.D

Acq: 07 Apr 2023 18:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

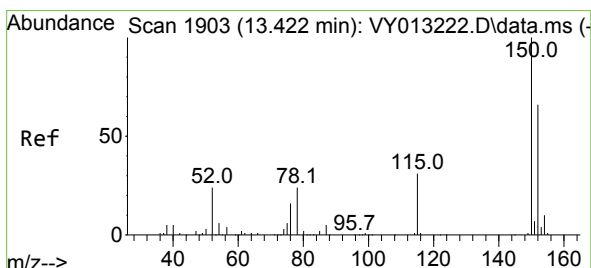
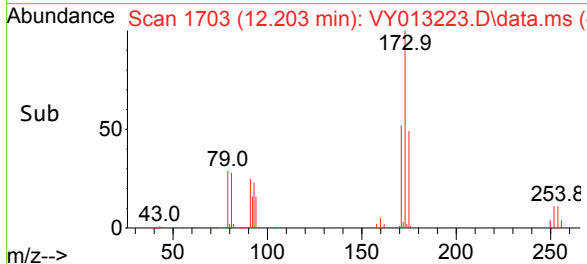
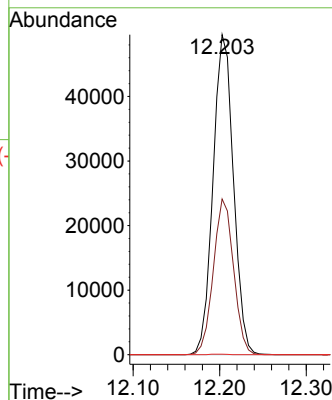
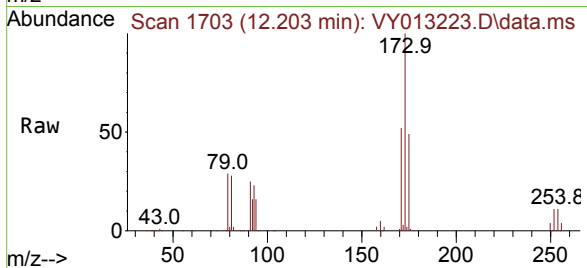
Tgt Ion:173 Resp: 81034

Ion Ratio Lower Upper

173 100

175 48.3 25.0 75.0

254 0.1 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY013223.D

Acq: 07 Apr 2023 18:30

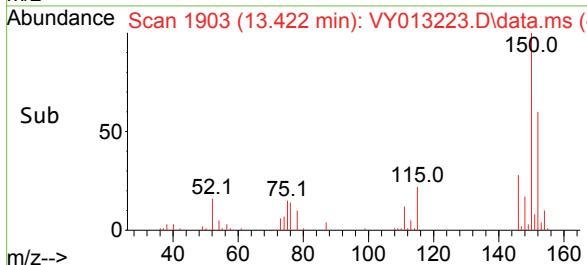
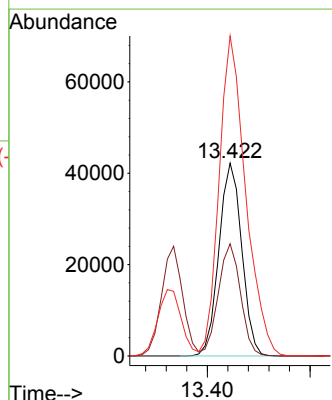
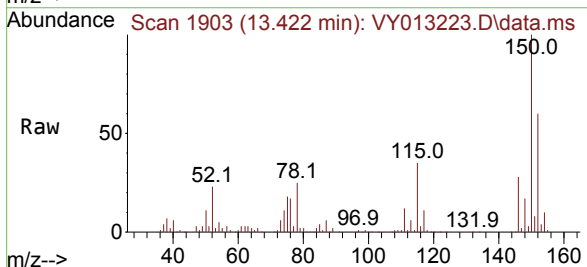
Tgt Ion:152 Resp: 65052

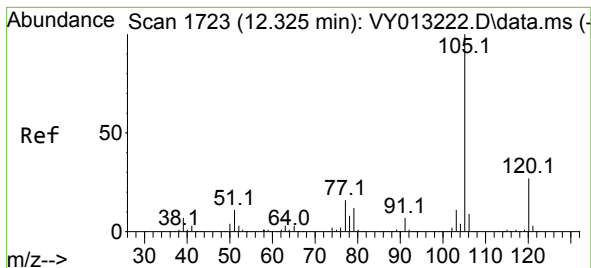
Ion Ratio Lower Upper

152 100

115 56.8 27.1 81.3

150 193.0 0.0 347.8





#73

Isopropylbenzene

Concen: 106.976 ug/l

RT: 12.325 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY013223.D

Acq: 07 Apr 2023 18:30

Instrument :

MSVOA_Y

ClientSampleId :

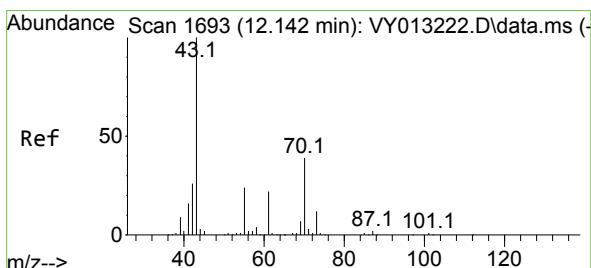
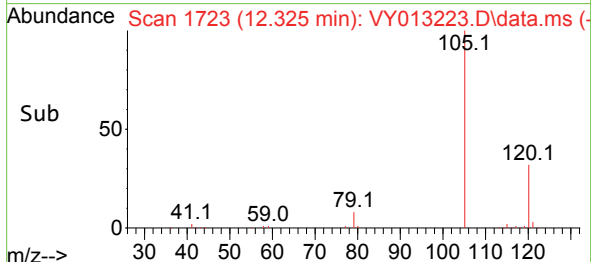
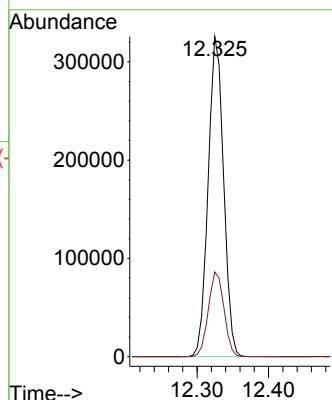
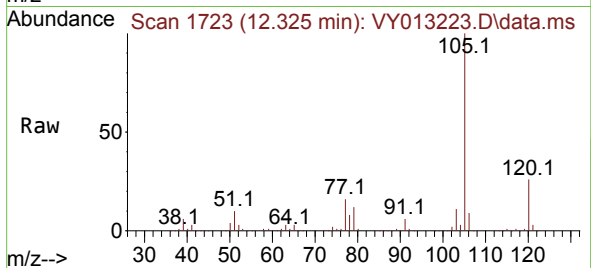
VSTDIC100

Tgt Ion:105 Resp: 488522

Ion Ratio Lower Upper

105 100

120 26.8 13.4 40.2



#74

N-ethyl acetate

Concen: 138.008 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. 0.000 min

Lab File: VY013223.D

Acq: 07 Apr 2023 18:30

Tgt Ion: 43 Resp: 193648

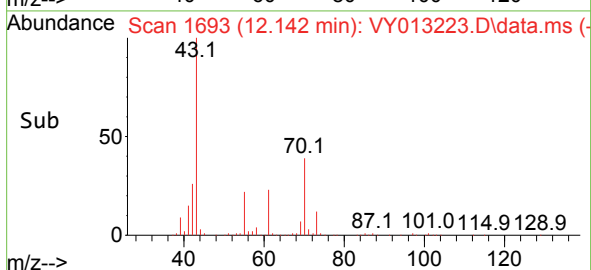
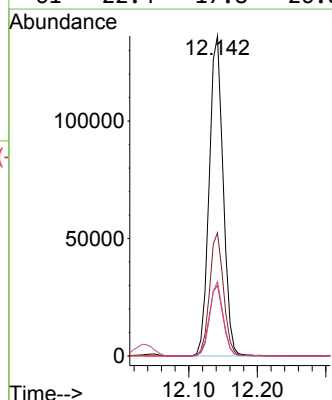
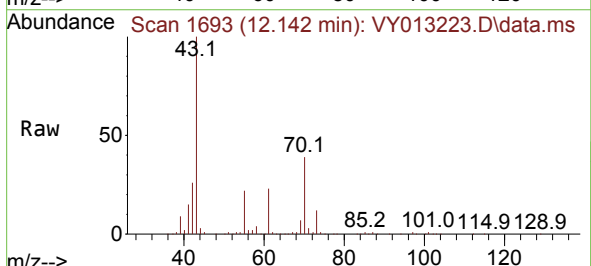
Ion Ratio Lower Upper

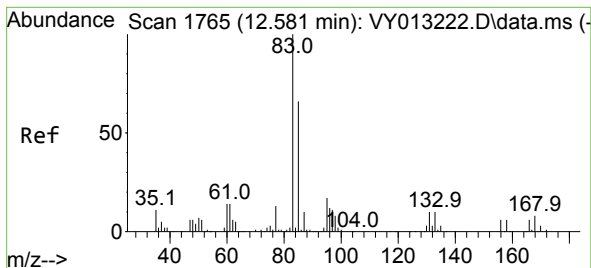
43 100

70 38.3 31.6 47.4

55 22.3 18.8 28.2

61 22.4 17.8 26.8





#75

1,1,2,2-Tetrachloroethane

Concen: 121.880 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. 0.000 min

Lab File: VY013223.D

Acq: 07 Apr 2023 18:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

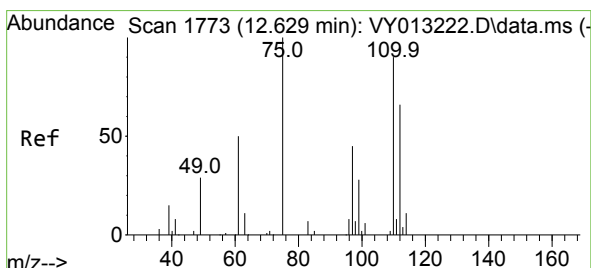
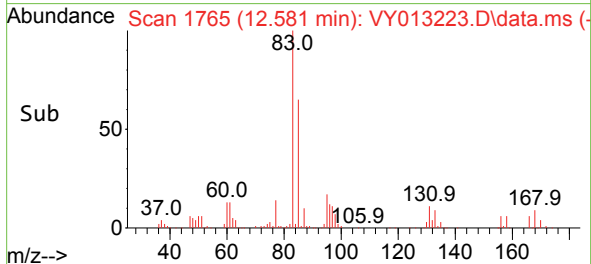
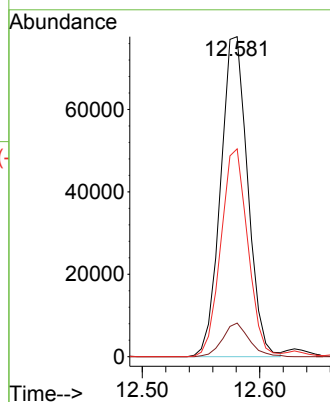
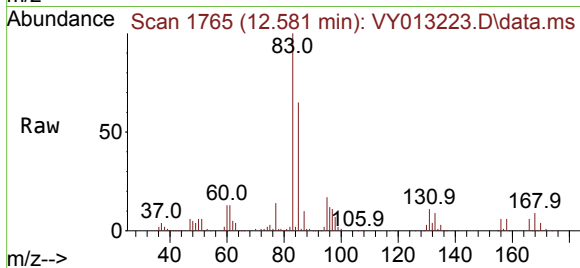
Tgt Ion: 83 Resp: 124397

Ion Ratio Lower Upper

83 100

131 10.3 5.1 15.2

85 64.7 31.8 95.3



#76

1,2,3-Trichloropropane

Concen: 215.902 ug/l

RT: 12.630 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY013223.D

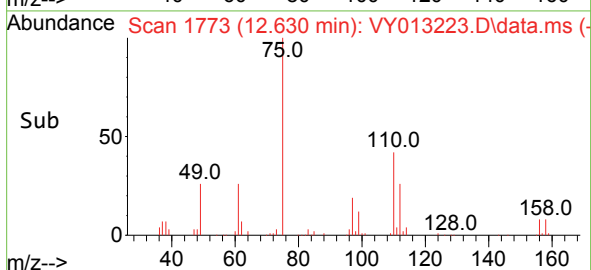
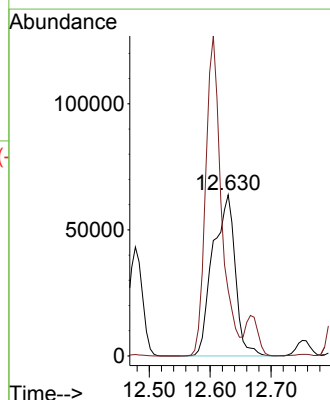
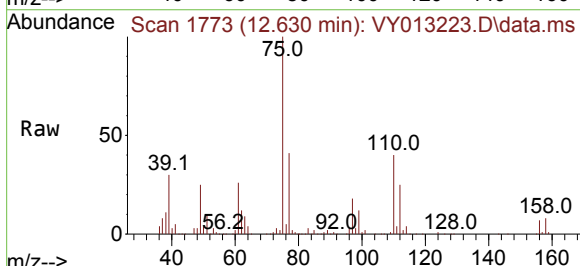
Acq: 07 Apr 2023 18:30

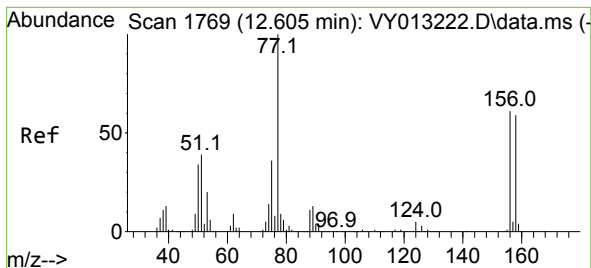
Tgt Ion: 75 Resp: 163683

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 101.062 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY013223.D

Acq: 07 Apr 2023 18:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

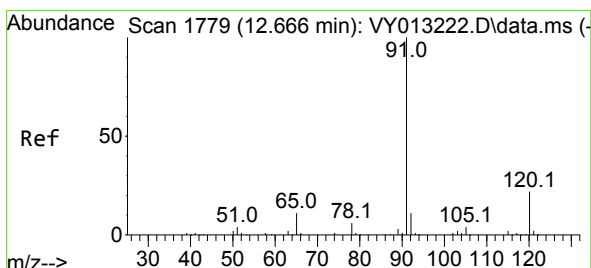
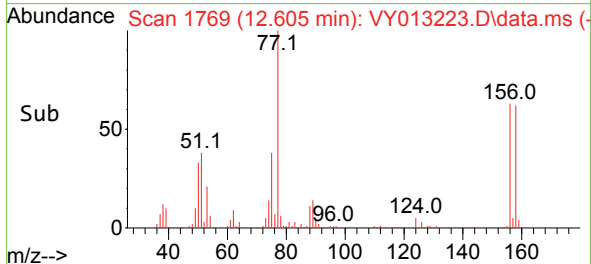
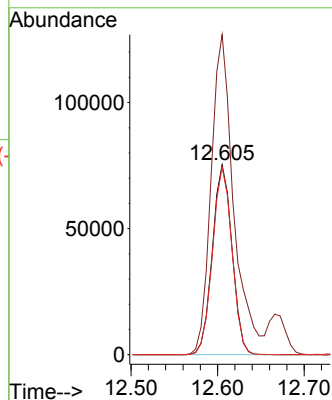
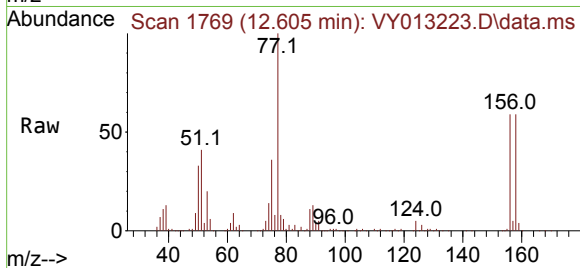
Tgt Ion:156 Resp: 118534

Ion Ratio Lower Upper

156 100

77 192.2 94.0 282.1

158 98.0 48.1 144.4



#78

n-propylbenzene

Concen: 109.258 ug/l

RT: 12.666 min Scan# 1779

Delta R.T. 0.000 min

Lab File: VY013223.D

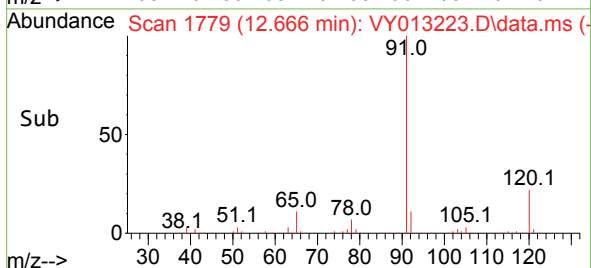
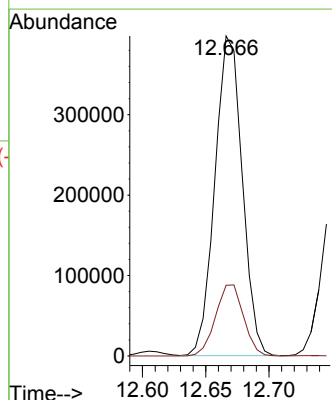
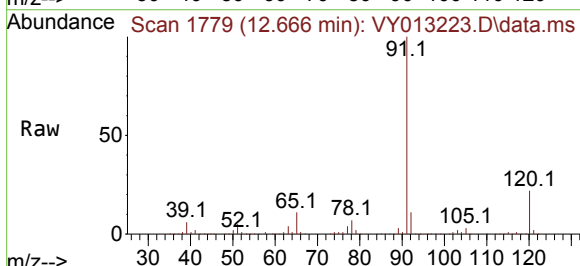
Acq: 07 Apr 2023 18:30

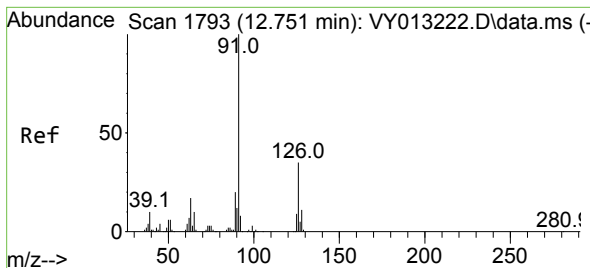
Tgt Ion: 91 Resp: 597742

Ion Ratio Lower Upper

91 100

120 22.8 11.6 34.8

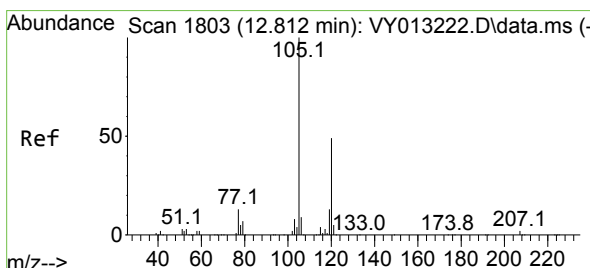
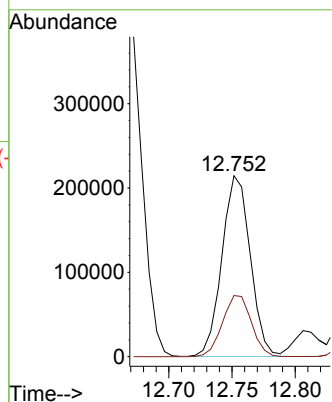
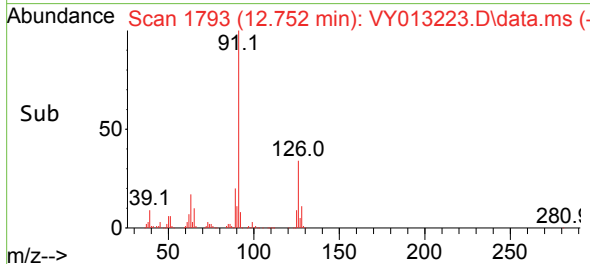
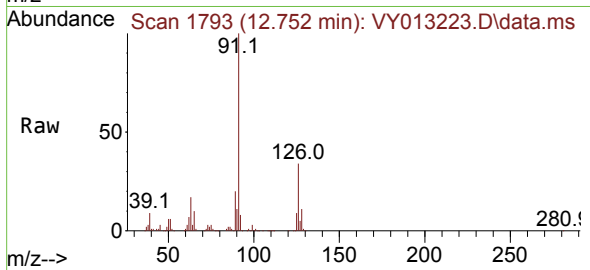




#79
2-Chlorotoluene
Concen: 107.566 ug/l
RT: 12.752 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VY013223.D
Acq: 07 Apr 2023 18:30

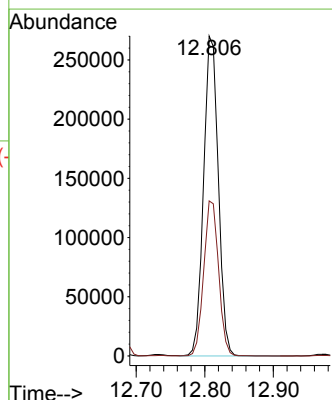
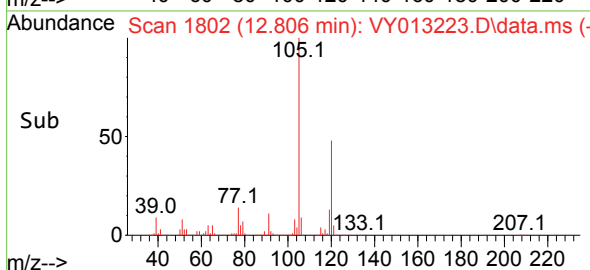
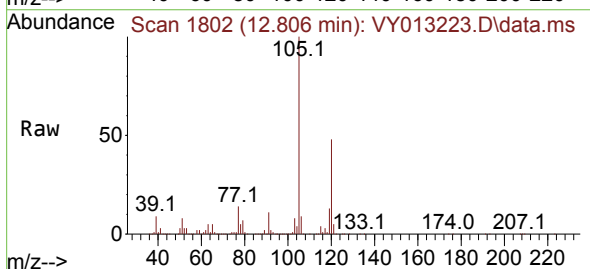
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

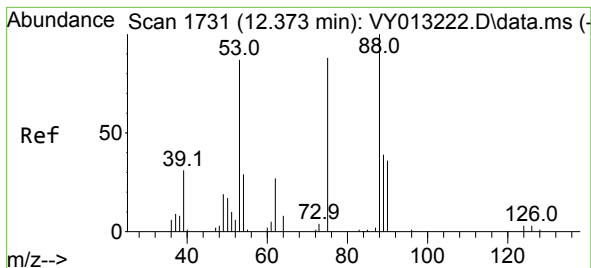
Tgt Ion: 91 Resp: 334149
Ion Ratio Lower Upper
91 100
126 34.6 17.4 52.2



#80
1,3,5-Trimethylbenzene
Concen: 104.959 ug/l
RT: 12.806 min Scan# 1802
Delta R.T. -0.006 min
Lab File: VY013223.D
Acq: 07 Apr 2023 18:30

Tgt Ion:105 Resp: 404226
Ion Ratio Lower Upper
105 100
120 49.0 24.8 74.4

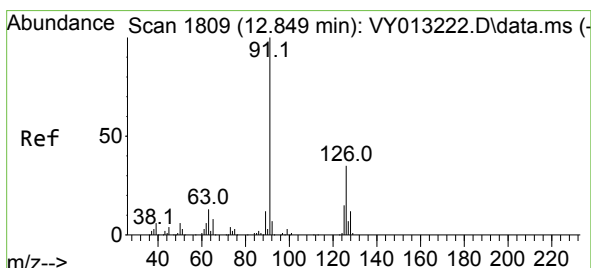
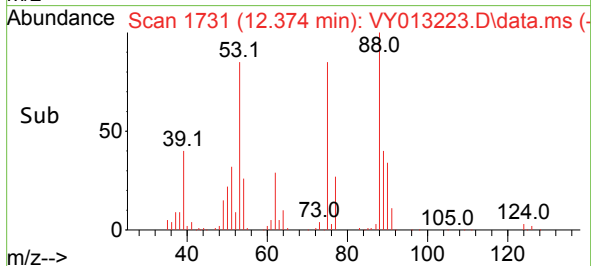
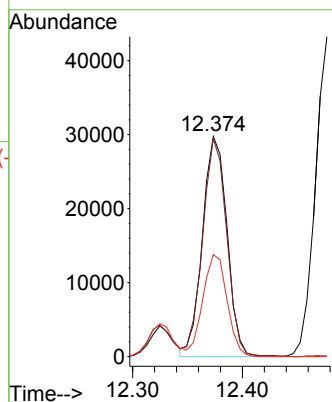
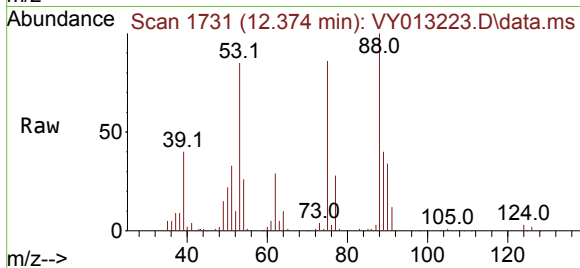




#81
trans-1,4-Dichloro-2-butene
Concen: 126.804 ug/l
RT: 12.374 min Scan# 1731
Delta R.T. 0.000 min
Lab File: VY013223.D
Acq: 07 Apr 2023 18:30

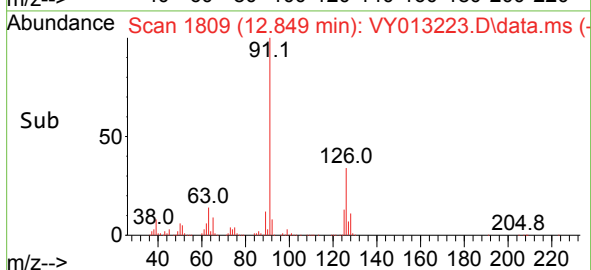
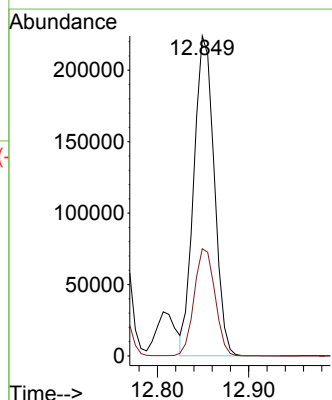
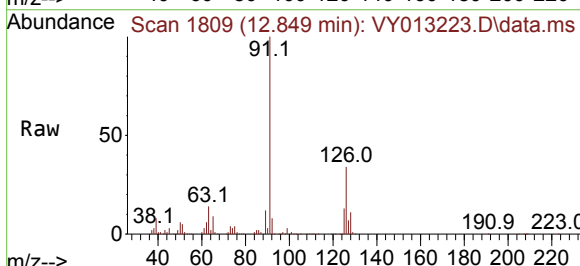
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

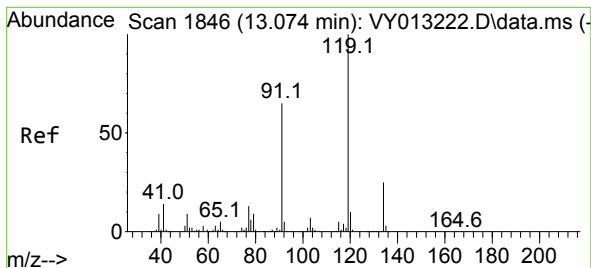
Tgt Ion: 75 Resp: 46410
Ion Ratio Lower Upper
75 100
53 97.3 73.4 110.0
89 45.5 36.6 55.0



#82
4-Chlorotoluene
Concen: 105.861 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. 0.000 min
Lab File: VY013223.D
Acq: 07 Apr 2023 18:30

Tgt Ion: 91 Resp: 346533
Ion Ratio Lower Upper
91 100
126 34.4 17.7 53.1





#83

tert-Butylbenzene

Concen: 101.271 ug/l

RT: 13.069 min Scan# 1845

Delta R.T. -0.006 min

Lab File: VY013223.D

Acq: 07 Apr 2023 18:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

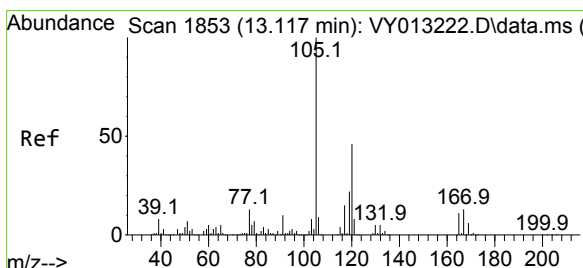
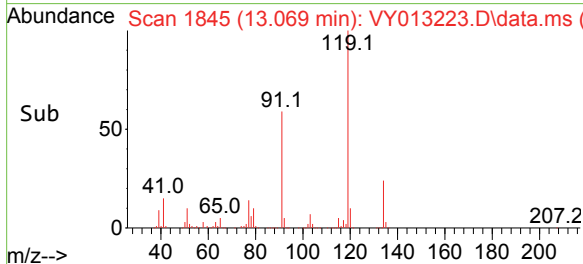
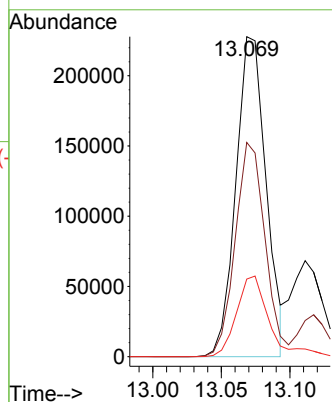
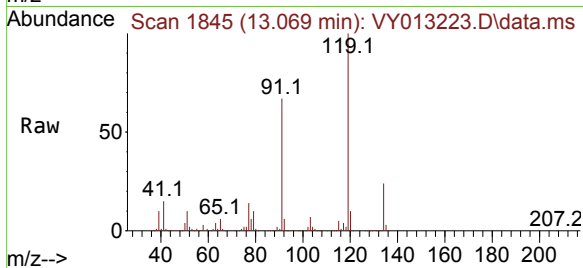
Tgt Ion:119 Resp: 349084

Ion Ratio Lower Upper

119 100

91 66.3 32.8 98.3

134 27.2 13.6 40.8



#84

1,2,4-Trimethylbenzene

Concen: 104.862 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY013223.D

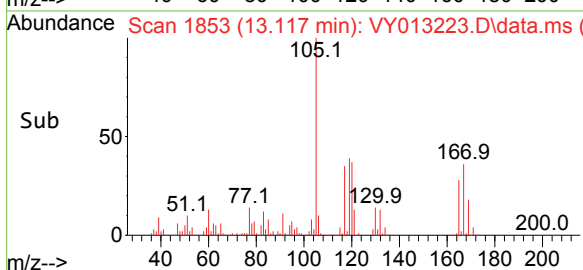
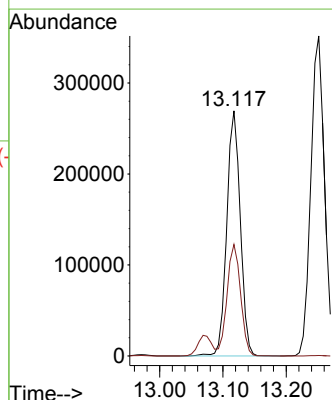
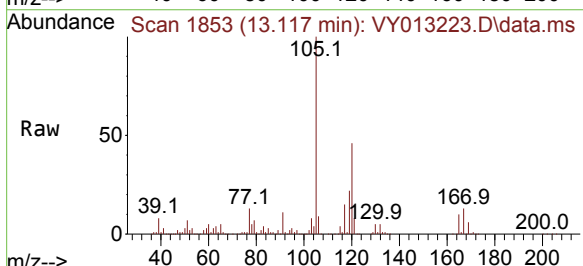
Acq: 07 Apr 2023 18:30

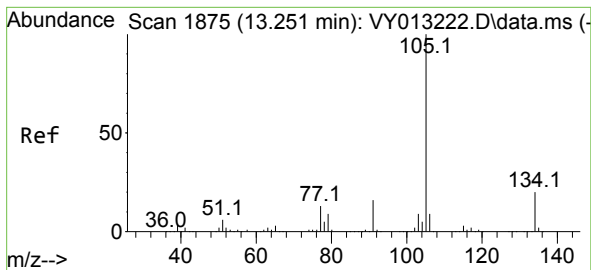
Tgt Ion:105 Resp: 397918

Ion Ratio Lower Upper

105 100

120 45.9 23.0 69.0





#85

sec-Butylbenzene

Concen: 105.710 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY013223.D

Acq: 07 Apr 2023 18:30

Instrument :

MSVOA_Y

ClientSampleId :

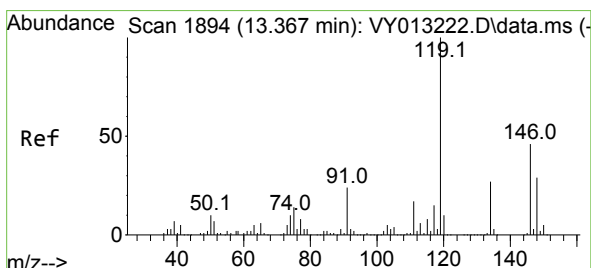
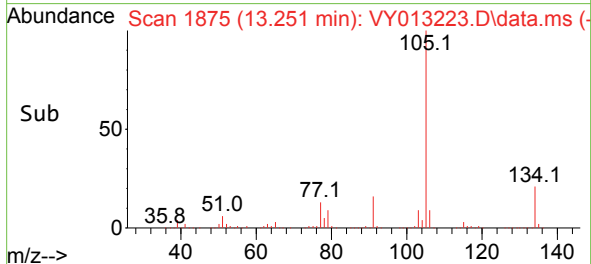
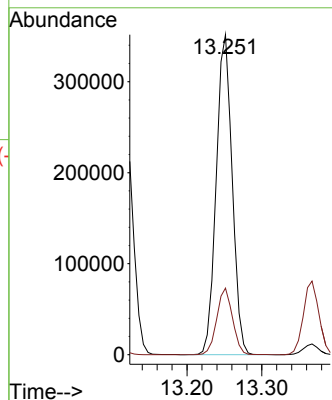
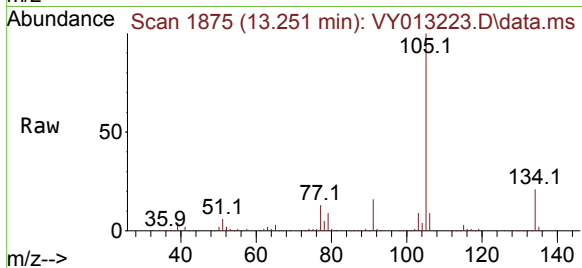
VSTDICC100

Tgt Ion:105 Resp: 522119

Ion Ratio Lower Upper

105 100

134 20.5 10.4 31.1



#86

p-Isopropyltoluene

Concen: 102.856 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY013223.D

Acq: 07 Apr 2023 18:30

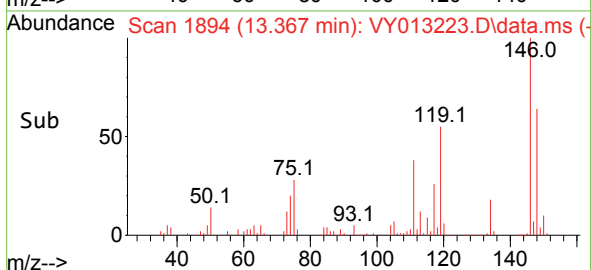
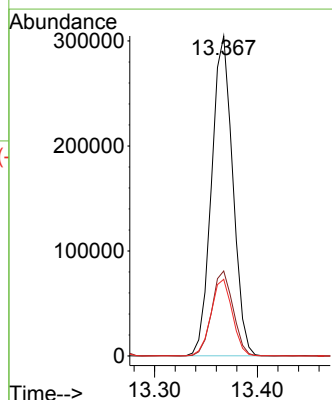
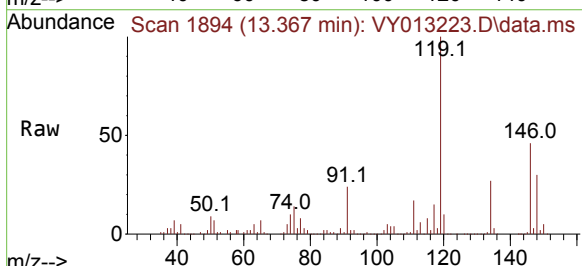
Tgt Ion:119 Resp: 436356

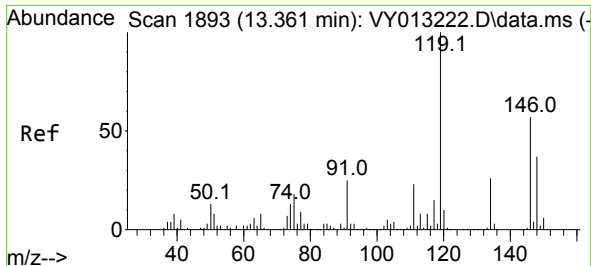
Ion Ratio Lower Upper

119 100

134 26.8 13.2 39.6

91 24.2 11.8 35.3





#87

1,3-Dichlorobenzene

Concen: 98.827 ug/l

RT: 13.361 min Scan# 1893

Delta R.T. 0.000 min

Lab File: VY013223.D

Acq: 07 Apr 2023 18:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

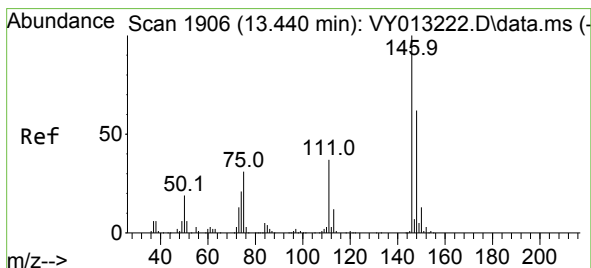
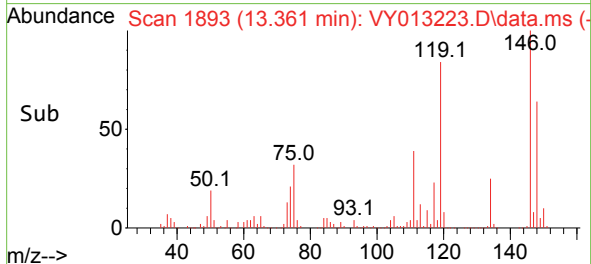
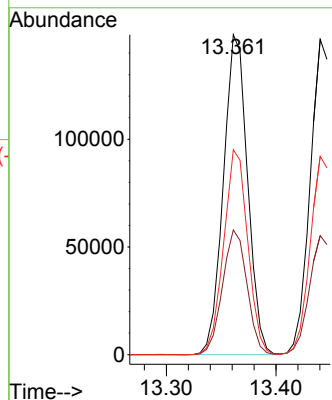
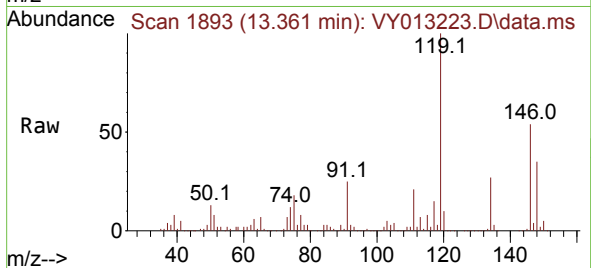
Tgt Ion:146 Resp: 227553

Ion Ratio Lower Upper

146 100

111 39.4 19.1 57.5

148 63.8 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 98.527 ug/l

RT: 13.440 min Scan# 1906

Delta R.T. 0.000 min

Lab File: VY013223.D

Acq: 07 Apr 2023 18:30

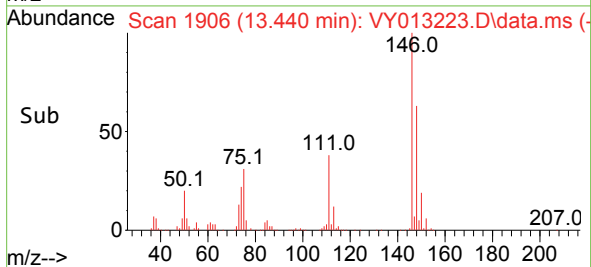
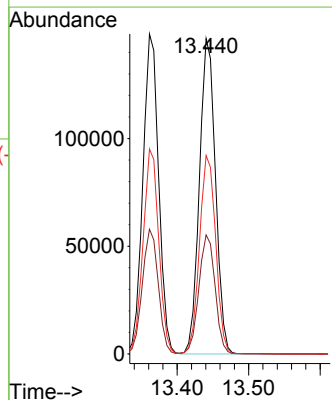
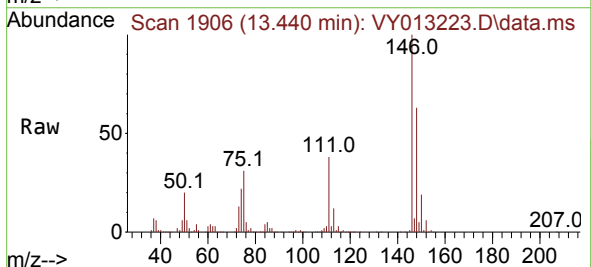
Tgt Ion:146 Resp: 228444

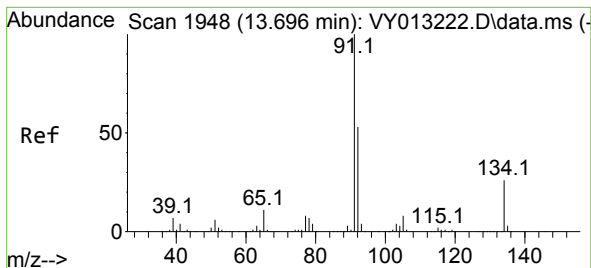
Ion Ratio Lower Upper

146 100

111 38.0 18.6 55.8

148 63.6 31.5 94.5





#89

n-Butylbenzene

Concen: 108.902 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY013223.D

Acq: 07 Apr 2023 18:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

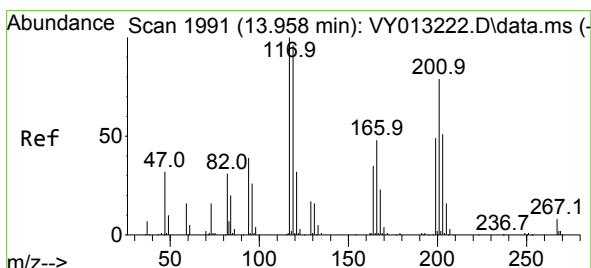
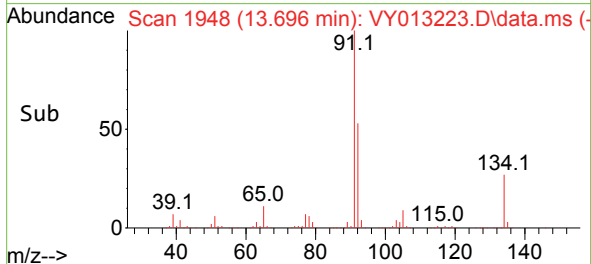
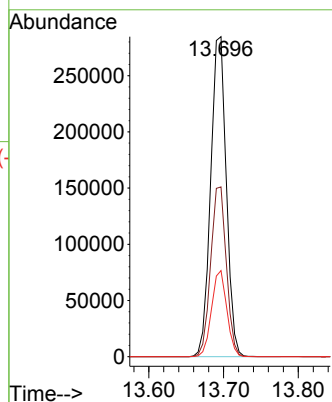
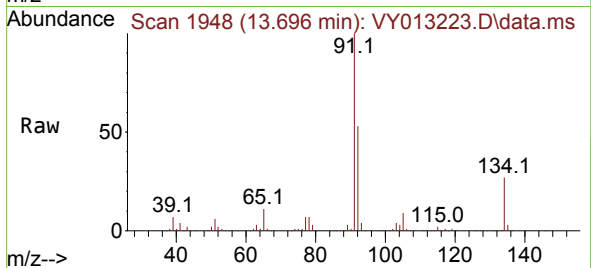
Tgt Ion: 91 Resp: 413732

Ion Ratio Lower Upper

91 100

92 53.2 26.4 79.0

134 26.3 13.0 38.9



#90

Hexachloroethane

Concen: 104.709 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. 0.000 min

Lab File: VY013223.D

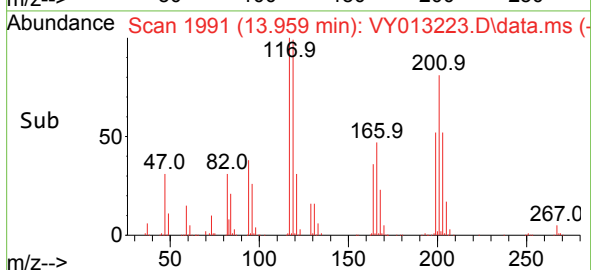
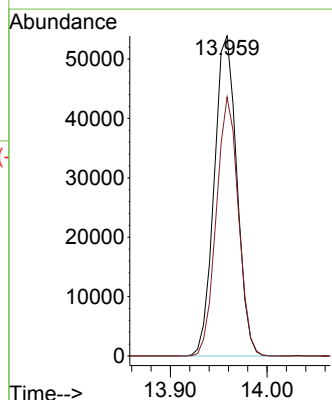
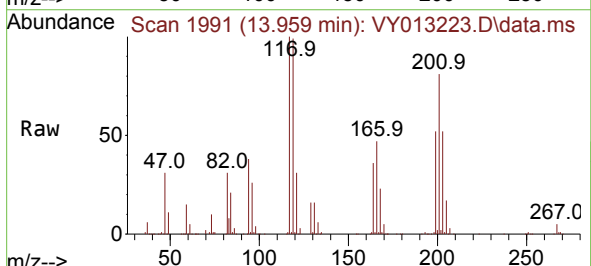
Acq: 07 Apr 2023 18:30

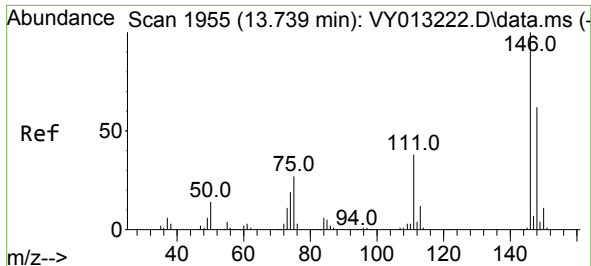
Tgt Ion: 117 Resp: 87749

Ion Ratio Lower Upper

117 100

201 78.6 39.4 118.1





#91

1,2-Dichlorobenzene

Concen: 101.169 ug/l

RT: 13.733 min Scan# 1954

Delta R.T. -0.006 min

Lab File: VY013223.D

Acq: 07 Apr 2023 18:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

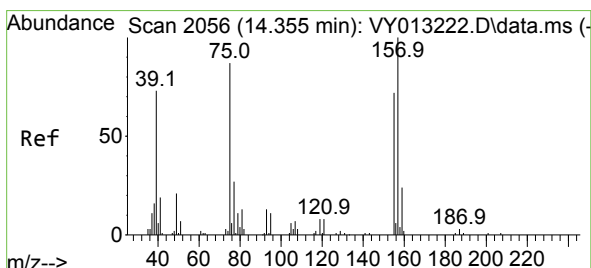
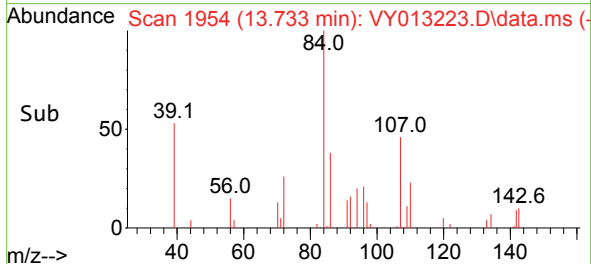
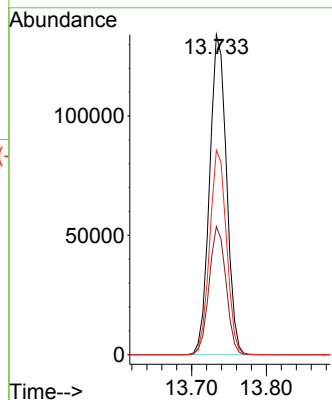
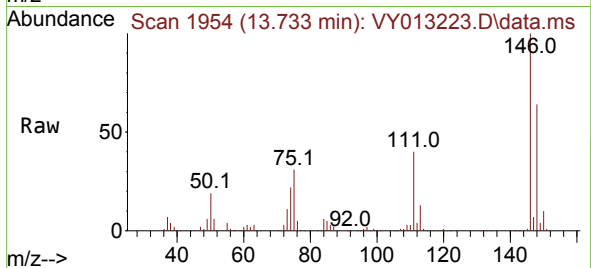
Tgt Ion:146 Resp: 210907

Ion Ratio Lower Upper

146 100

111 39.8 19.7 59.1

148 63.7 31.9 95.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 119.034 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. 0.000 min

Lab File: VY013223.D

Acq: 07 Apr 2023 18:30

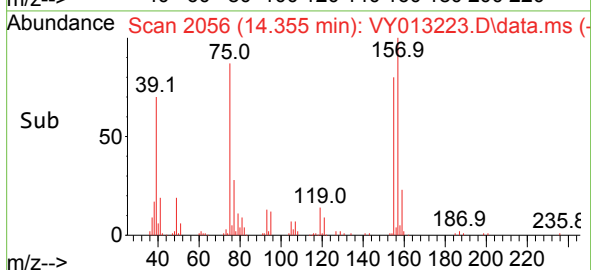
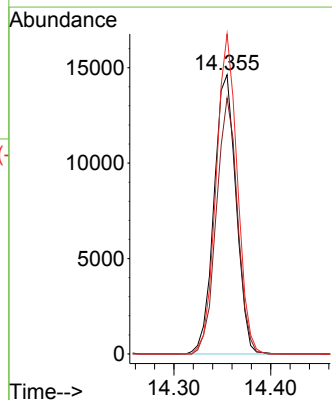
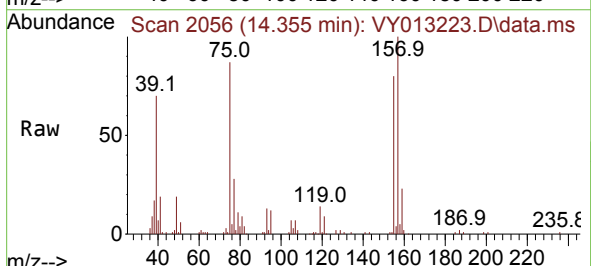
Tgt Ion: 75 Resp: 23180

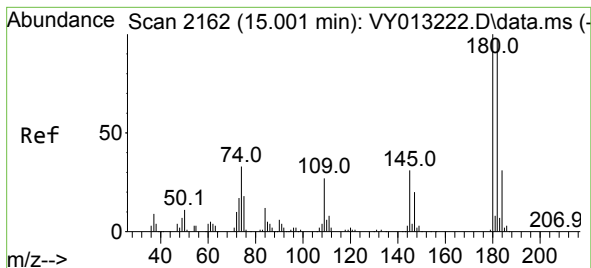
Ion Ratio Lower Upper

75 100

155 87.9 43.8 131.4

157 109.8 54.1 162.3





#93

1,2,4-Trichlorobenzene

Concen: 103.400 ug/l

RT: 15.001 min Scan# 2162

Delta R.T. 0.000 min

Lab File: VY013223.D

Acq: 07 Apr 2023 18:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

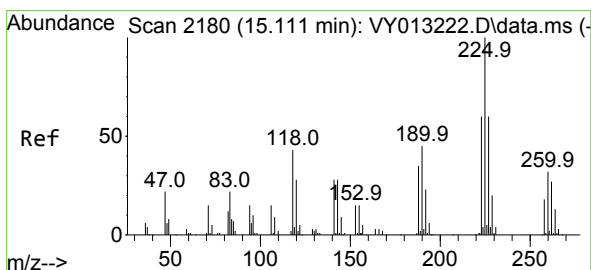
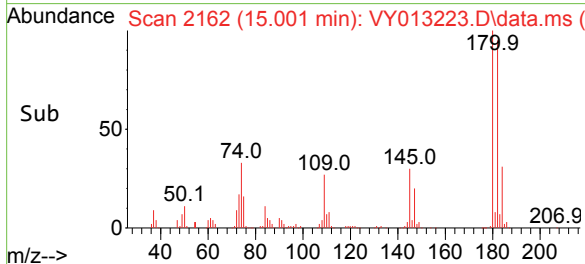
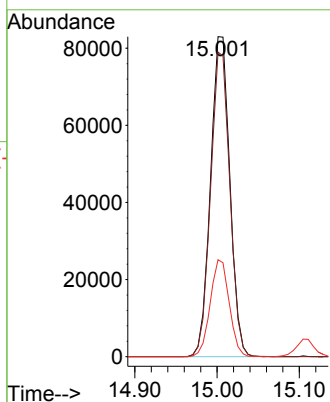
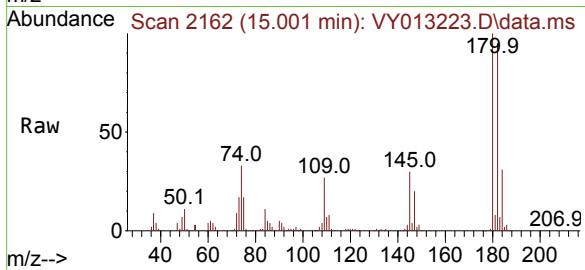
Tgt Ion:180 Resp: 135450

Ion Ratio Lower Upper

180 100

182 94.7 46.7 140.1

145 29.8 14.6 43.8



#94

Hexachlorobutadiene

Concen: 92.284 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY013223.D

Acq: 07 Apr 2023 18:30

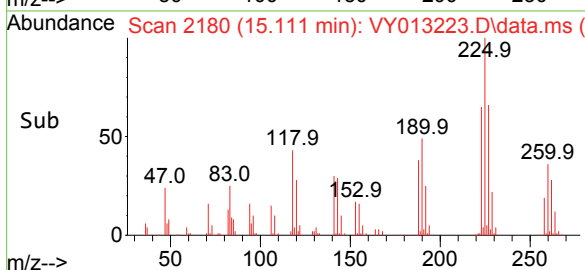
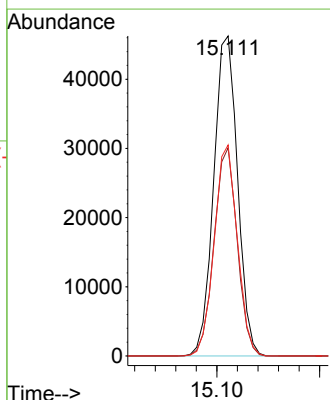
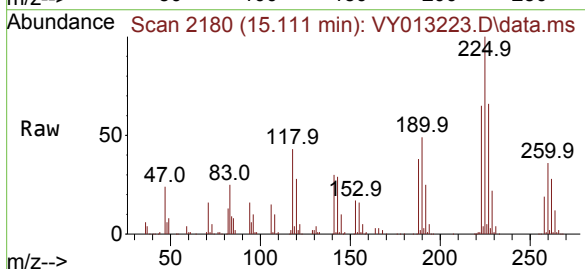
Tgt Ion:225 Resp: 74304

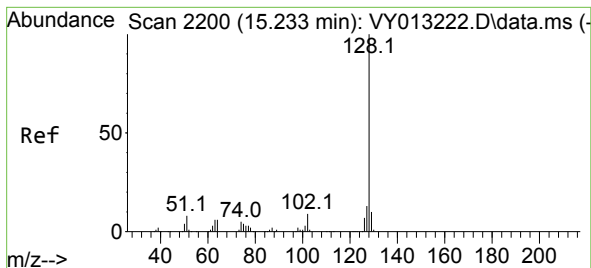
Ion Ratio Lower Upper

225 100

223 63.2 31.1 93.3

227 64.0 32.4 97.0





#95

Naphthalene

Concen: 116.233 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. 0.000 min

Lab File: VY013223.D

Acq: 07 Apr 2023 18:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

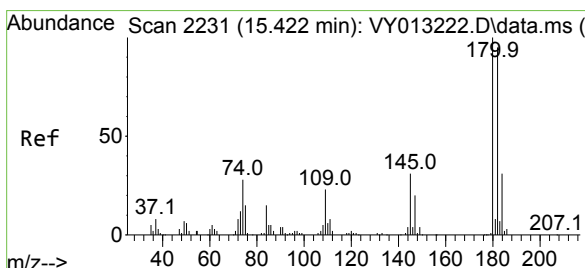
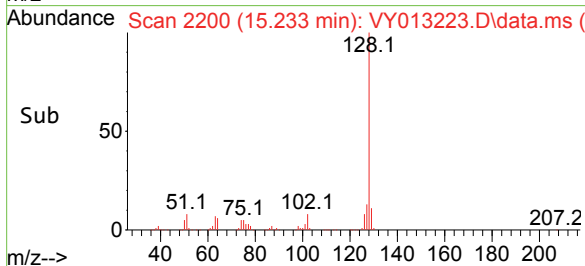
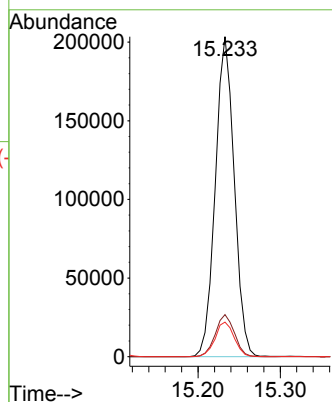
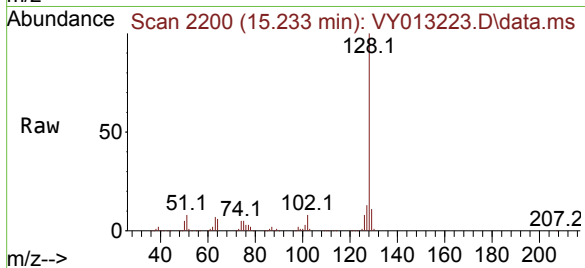
Tgt Ion:128 Resp: 325238

Ion Ratio Lower Upper

128 100

127 13.3 10.3 15.5

129 11.0 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 100.722 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY013223.D

Acq: 07 Apr 2023 18:30

Tgt Ion:180 Resp: 123518

Ion Ratio Lower Upper

180 100

182 95.4 47.4 142.3

145 31.6 15.3 45.8

