

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040723\
 Data File : VY013222.D
 Acq On : 07 Apr 2023 18:07
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Quant Time: Apr 07 23:05:29 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	88818	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	134158	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	122699	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	66274	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	55236	55.706	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 111.420%	
35) Dibromofluoromethane	7.710	113	45344	51.790	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.580%	
50) Toluene-d8	10.179	98	170337	53.776	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 107.560%	
62) 4-Bromofluorobenzene	12.477	95	59552	54.632	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 109.260%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	39143	48.904	ug/l	98
3) Chloromethane	2.113	50	54683	81.835	ug/l	96
4) Vinyl Chloride	2.247	62	48395	56.476	ug/l	99
5) Bromomethane	2.643	94	29115	49.086	ug/l	97
6) Chloroethane	2.790	64	33046	59.158	ug/l	99
7) Trichlorofluoromethane	3.119	101	72741	49.391	ug/l	99
8) Diethyl Ether	3.527	74	27609	51.422	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.893	101	43460	49.965	ug/l	98
10) Methyl Iodide	4.082	142	51880	46.402	ug/l	96
11) Tert butyl alcohol	4.948	59	46161	271.990	ug/l	97
12) 1,1-Dichloroethene	3.869	96	40133	49.157	ug/l	97
13) Acrolein	3.729	56	24766	247.334	ug/l	98
14) Allyl chloride	4.472	41	82571	61.829	ug/l	94
15) Acrylonitrile	5.155	53	95344	341.302	ug/l	99
16) Acetone	3.948	43	108905	323.683	ug/l	97
17) Carbon Disulfide	4.186	76	115809	49.638	ug/l	100
18) Methyl Acetate	4.472	43	69967	70.685	ug/l	99
19) Methyl tert-butyl Ether	5.216	73	147186	60.025	ug/l	100
20) Methylene Chloride	4.710	84	52896	45.145	ug/l	98
21) trans-1,2-Dichloroethene	5.216	96	47915	52.897	ug/l	97
22) Diisopropyl ether	6.112	45	189130	70.242	ug/l	97
23) Vinyl Acetate	6.057	43	605237	357.642	ug/l	100
24) 1,1-Dichloroethane	6.009	63	92591	58.618	ug/l	99
25) 2-Butanone	6.984	43	150709	347.303	ug/l	96
26) 2,2-Dichloropropane	6.978	77	83268	50.701	ug/l	95
27) cis-1,2-Dichloroethene	6.978	96	55772	53.463	ug/l	96
28) Bromochloromethane	7.325	49	44369	69.214	ug/l	94
29) Tetrahydrofuran	7.344	42	95946	388.644	ug/l	96
30) Chloroform	7.502	83	94485	55.030	ug/l	99
31) Cyclohexane	7.783	56	75466	54.547	ug/l	96
32) 1,1,1-Trichloroethane	7.697	97	83537	52.102	ug/l	97
36) 1,1-Dichloropropene	7.911	75	69259	53.524	ug/l	99
37) Ethyl Acetate	7.069	43	62539	71.271	ug/l	96
38) Carbon Tetrachloride	7.892	117	76874	49.707	ug/l	99
39) Methylcyclohexane	9.179	83	78050	51.040	ug/l	95
40) Benzene	8.155	78	203822	54.001	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.338	41	87112	197.154	ug/l #	100
42) 1,2-Dichloroethane	8.228	62	73092	56.430	ug/l	97
43) Isopropyl Acetate	8.270	43	107989	69.091	ug/l	96
44) Trichloroethene	8.935	130	50873	48.345	ug/l	91
45) 1,2-Dichloropropane	9.209	63	54410	60.003	ug/l	97
46) Dibromomethane	9.301	93	32999	57.212	ug/l	100
47) Bromodichloromethane	9.490	83	76220	55.551	ug/l	95
48) Methyl methacrylate	9.289	41	48995	68.862	ug/l	92
49) 1,4-Dioxane	9.301	88	9576	1179.126	ug/l	95
51) 4-Methyl-2-Pentanone	10.069	43	316983	365.665	ug/l	97
52) Toluene	10.240	92	130199	54.577	ug/l	97
53) t-1,3-Dichloropropene	10.459	75	82116	56.467	ug/l	98
54) cis-1,3-Dichloropropene	9.923	75	87868	57.054	ug/l	93
55) 1,1,2-Trichloroethane	10.642	97	45179	57.304	ug/l	97
56) Ethyl methacrylate	10.508	69	67693	62.695	ug/l	94
57) 1,3-Dichloropropane	10.788	76	77981	58.616	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.776	63	153224	322.355	ug/l	99
59) 2-Hexanone	10.831	43	233271	364.600	ug/l	97
60) Dibromochloromethane	10.977	129	55734	54.453	ug/l	99
61) 1,2-Dibromoethane	11.087	107	43816	55.599	ug/l	99
64) Tetrachloroethene	10.715	164	44679	45.815	ug/l	96
65) Chlorobenzene	11.514	112	140117	51.599	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	54703	52.195	ug/l	99
67) Ethyl Benzene	11.587	91	246915	53.247	ug/l	99
68) m/p-Xylenes	11.697	106	191050	104.732	ug/l	99
69) o-Xylene	12.026	106	90101	52.564	ug/l	99
70) Styrene	12.038	104	157584	54.406	ug/l	99
71) Bromoform	12.203	173	39117	53.845	ug/l #	100
73) Isopropylbenzene	12.325	105	242102	52.038	ug/l	100
74) N-amyl acetate	12.142	43	97367	68.112	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.581	83	62270	59.885	ug/l	98
76) 1,2,3-Trichloropropane	12.629	75	82456	106.756	ug/l #	100
77) Bromobenzene	12.605	156	60680	50.782	ug/l	99
78) n-propylbenzene	12.666	91	303092	54.379	ug/l	99
79) 2-Chlorotoluene	12.751	91	168569	53.264	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	204059	52.008	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.373	75	23130	62.032	ug/l	95
82) 4-Chlorotoluene	12.849	91	176815	53.019	ug/l	99
83) tert-Butylbenzene	13.074	119	182391	51.937	ug/l	97
84) 1,2,4-Trimethylbenzene	13.117	105	202314	52.332	ug/l	99
85) sec-Butylbenzene	13.251	105	266111	52.885	ug/l	100
86) p-Isopropyltoluene	13.367	119	220293	50.969	ug/l	99
87) 1,3-Dichlorobenzene	13.361	146	117592	50.129	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	118269	50.069	ug/l	99
89) n-Butylbenzene	13.696	91	208036	53.749	ug/l	100
90) Hexachloroethane	13.958	117	43633	51.106	ug/l	100
91) 1,2-Dichlorobenzene	13.739	146	108336	51.009	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	11459	57.759	ug/l	96
93) 1,2,4-Trichlorobenzene	15.001	180	63030	47.229	ug/l	98
94) Hexachlorobutadiene	15.111	225	36915	45.002	ug/l	99
95) Naphthalene	15.233	128	150859	52.919	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	60259	48.232	ug/l	99

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QLast Update : Fri Apr 07 22:57:18 2023
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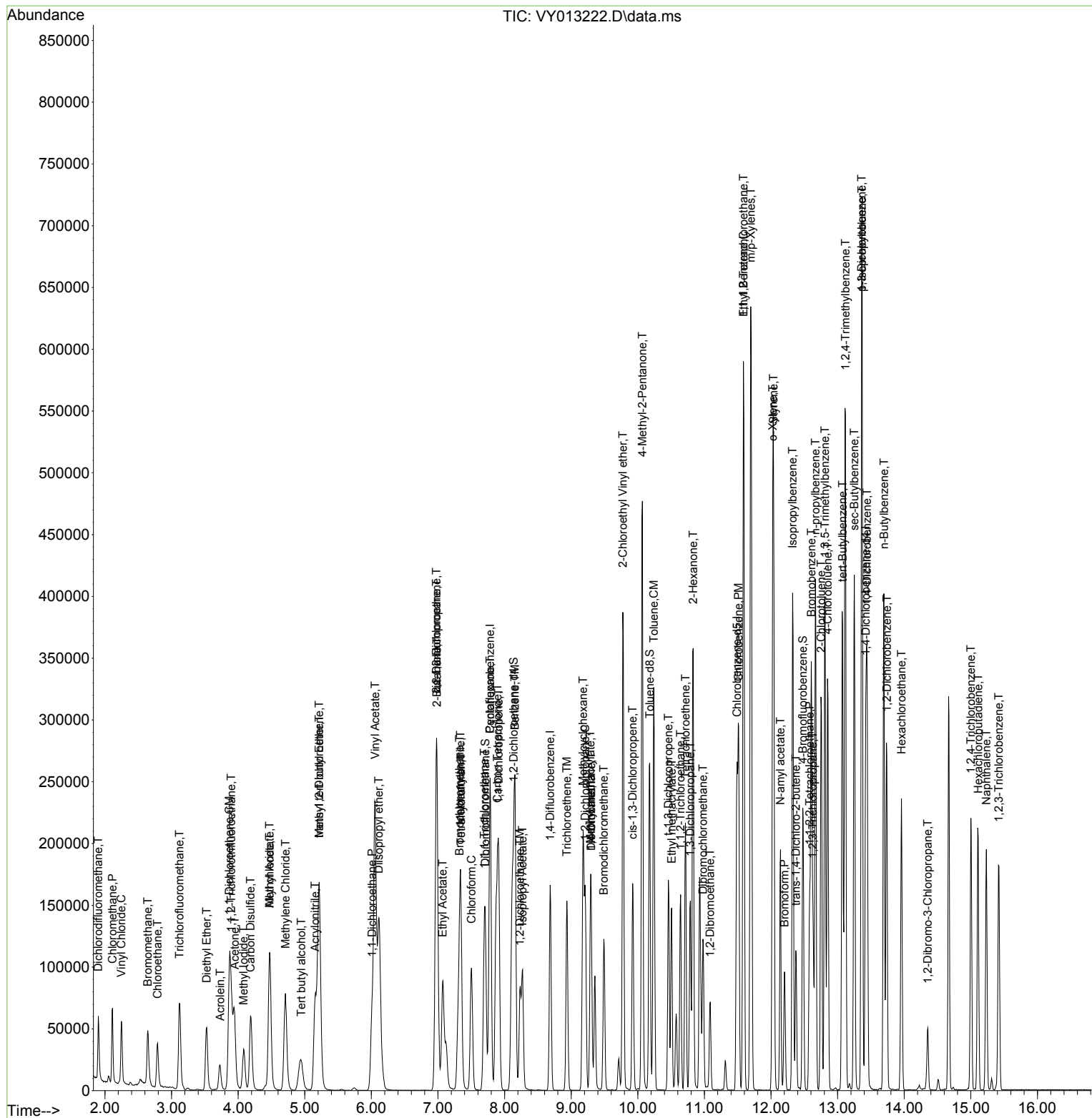
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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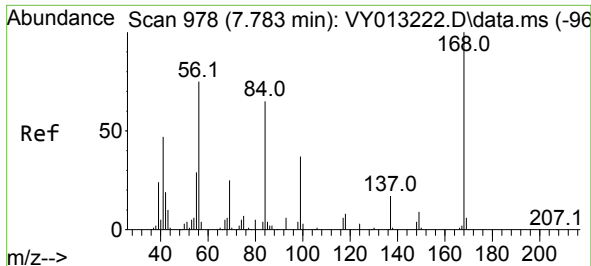
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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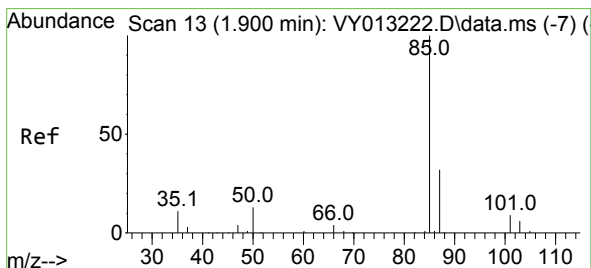
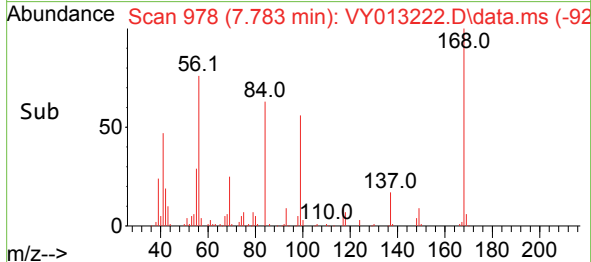
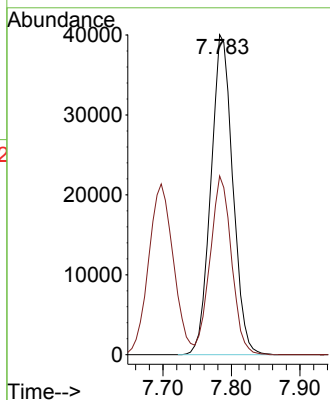
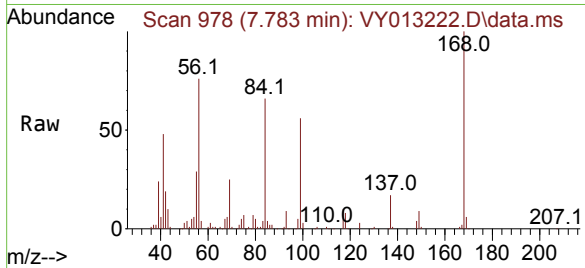




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013222.D
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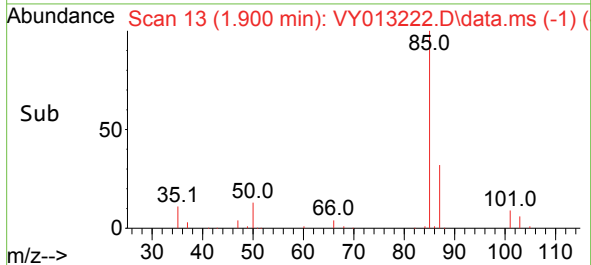
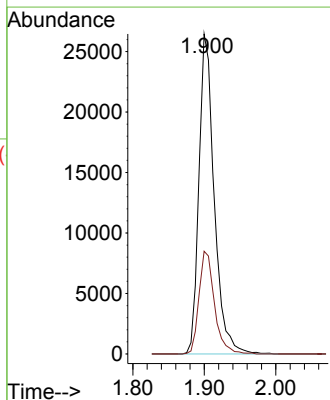
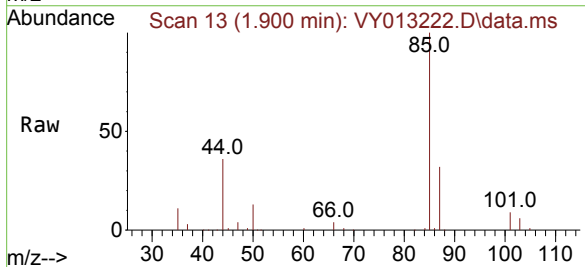
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

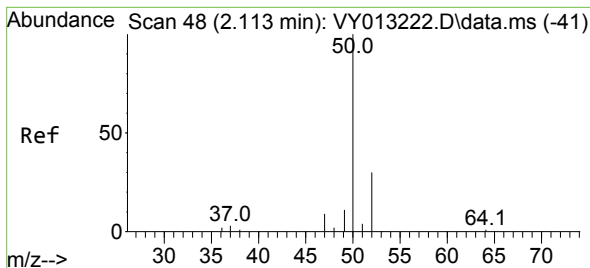
Tgt Ion:168 Resp: 88818
Ion Ratio Lower Upper
168 100
99 55.8 41.7 62.5



#2
Dichlorodifluoromethane
Concen: 48.904 ug/l
RT: 1.900 min Scan# 13
Delta R.T. 0.000 min
Lab File: VY013222.D
Acq: 07 Apr 2023 18:07

Tgt Ion: 85 Resp: 39143
Ion Ratio Lower Upper
85 100
87 32.1 16.7 50.0





#3

Chloromethane

Concen: 81.835 ug/l

RT: 2.113 min Scan# 41

Delta R.T. 0.000 min

Lab File: VY013222.D

Acq: 07 Apr 2023 18:07

Instrument :

MSVOA_Y

ClientSampleId :

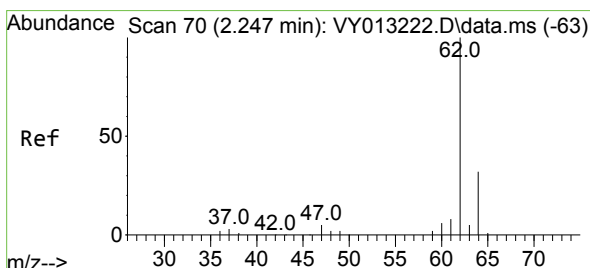
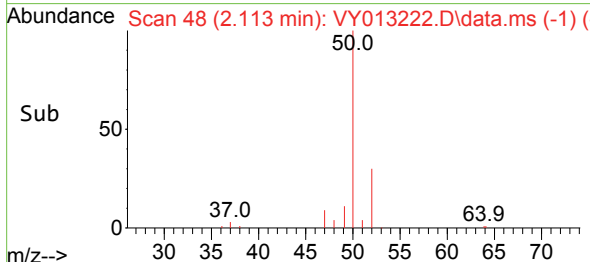
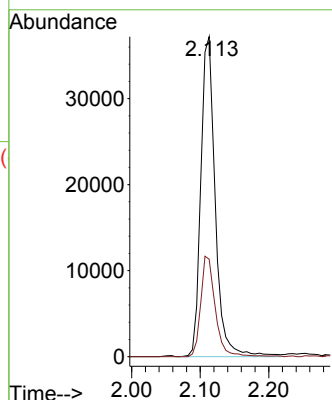
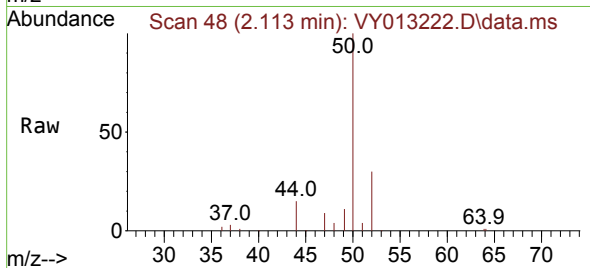
VSTDICCC050

Tgt Ion: 50 Resp: 54683

Ion Ratio Lower Upper

50 100

52 30.4 26.0 39.0



#4

Vinyl Chloride

Concen: 56.476 ug/l

RT: 2.247 min Scan# 70

Delta R.T. 0.000 min

Lab File: VY013222.D

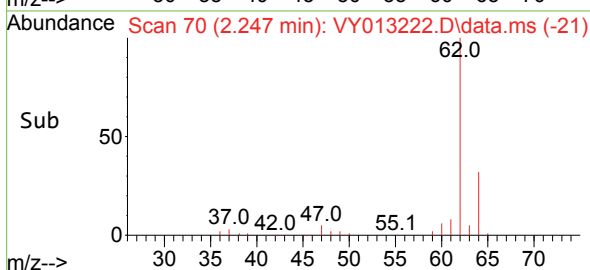
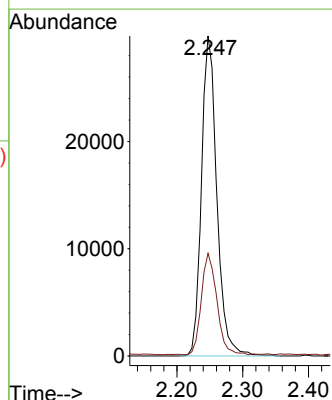
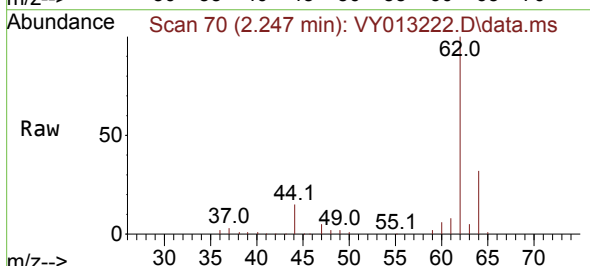
Acq: 07 Apr 2023 18:07

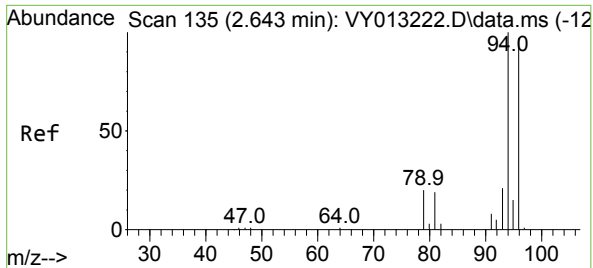
Tgt Ion: 62 Resp: 48395

Ion Ratio Lower Upper

62 100

64 31.6 25.6 38.4

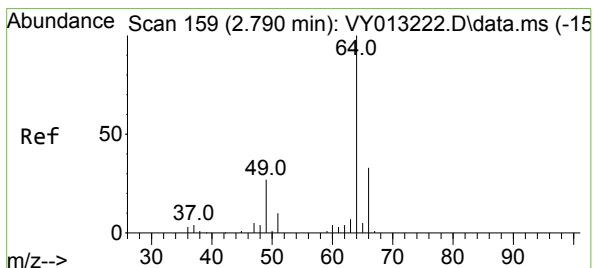
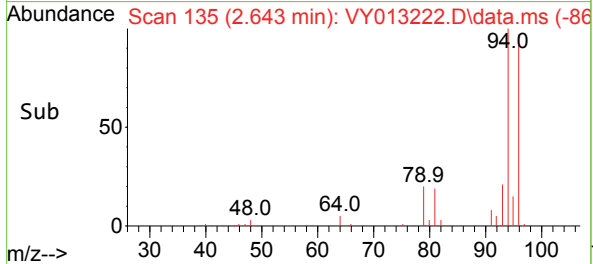
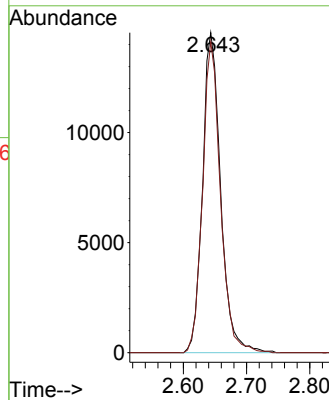
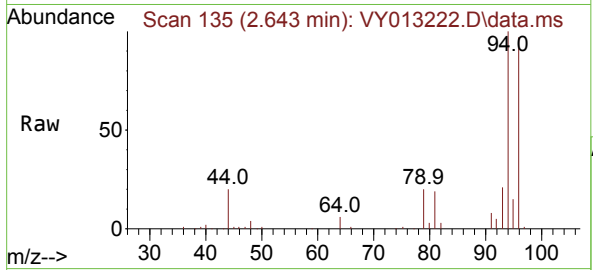




#5
Bromomethane
Concen: 49.086 ug/l
RT: 2.643 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013222.D
Acq: 07 Apr 2023 18:07

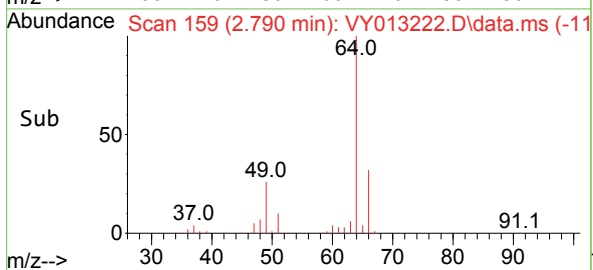
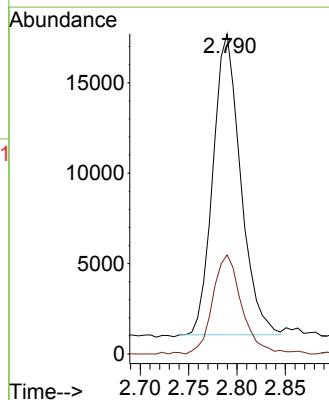
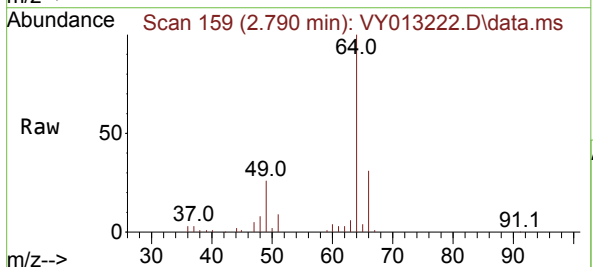
Instrument :
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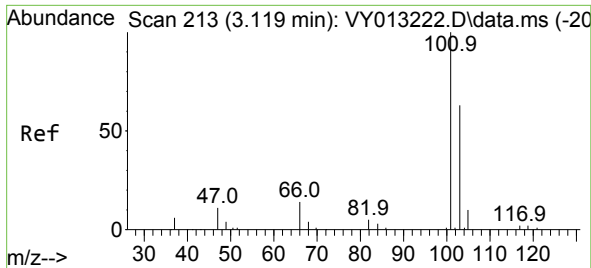
Tgt Ion: 94 Resp: 29115
Ion Ratio Lower Upper
94 100
96 97.2 80.3 120.5



#6
Chloroethane
Concen: 59.158 ug/l
RT: 2.790 min Scan# 159
Delta R.T. 0.000 min
Lab File: VY013222.D
Acq: 07 Apr 2023 18:07

Tgt Ion: 64 Resp: 33046
Ion Ratio Lower Upper
64 100
66 32.5 25.7 38.5

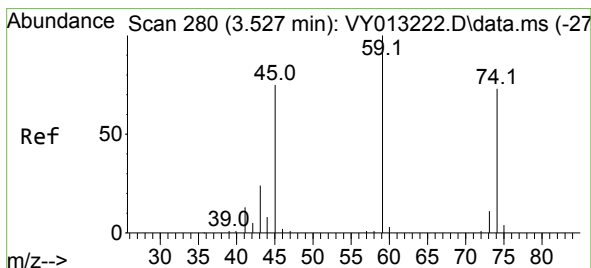
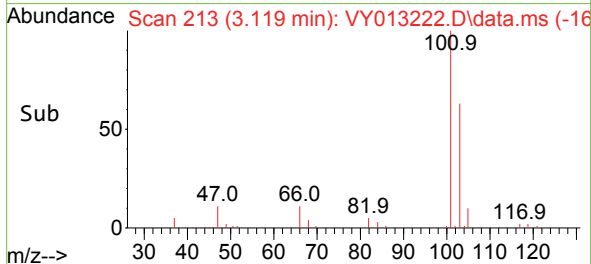
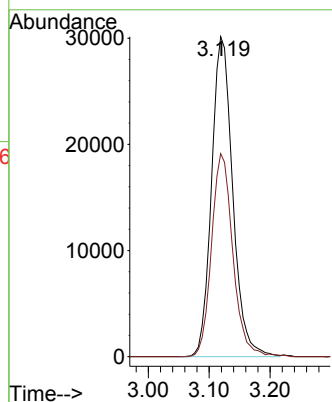
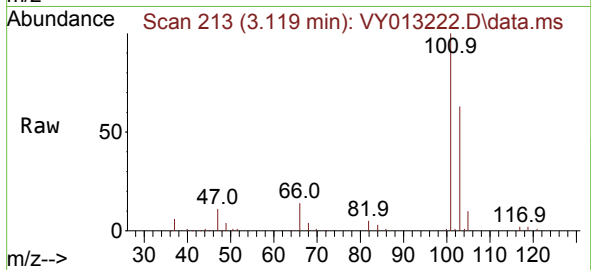




#7
 Trichlorofluoromethane
 Concen: 49.391 ug/l
 RT: 3.119 min Scan# 213
 Delta R.T. 0.000 min
 Lab File: VY013222.D
 Acq: 07 Apr 2023 18:07

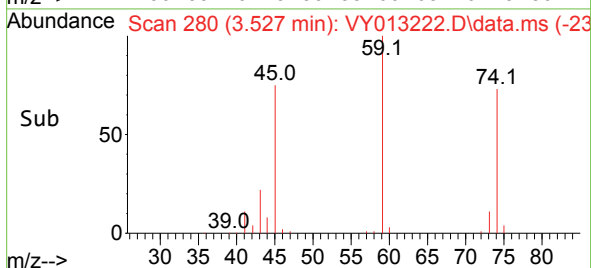
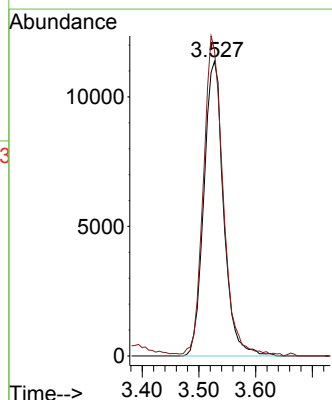
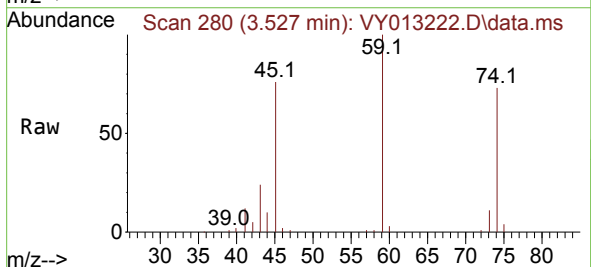
Instrument :
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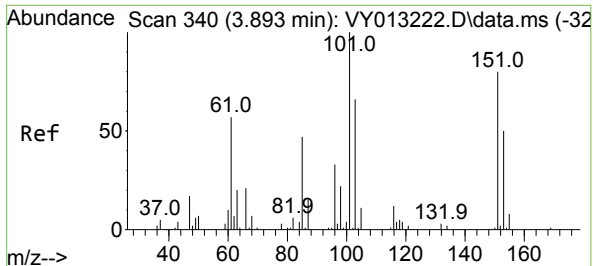
Tgt Ion:101 Resp: 72741
 Ion Ratio Lower Upper
 101 100
 103 63.5 51.5 77.3



#8
 Diethyl Ether
 Concen: 51.422 ug/l
 RT: 3.527 min Scan# 280
 Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 27609
 Ion Ratio Lower Upper
 74 100
 45 108.8 52.1 156.4

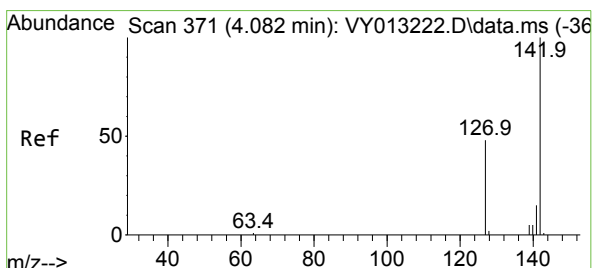
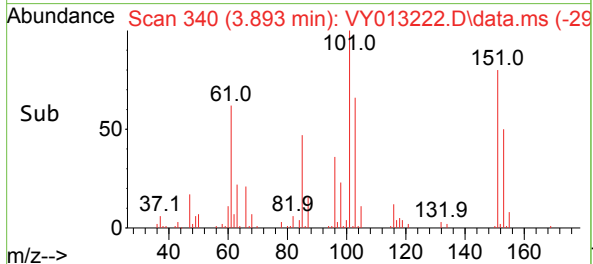
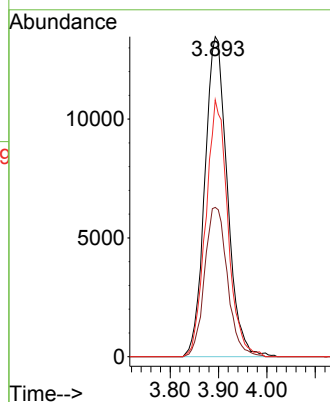
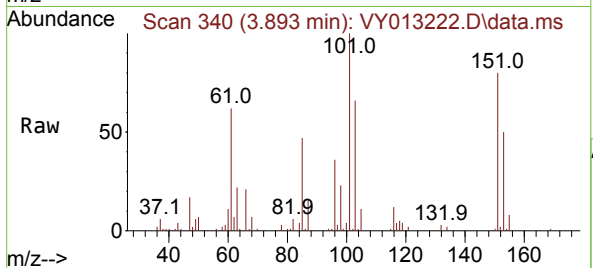




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.965 ug/l
RT: 3.893 min Scan# 340
Delta R.T. 0.000 min
Lab File: VY013222.D
Acq: 07 Apr 2023 18:07

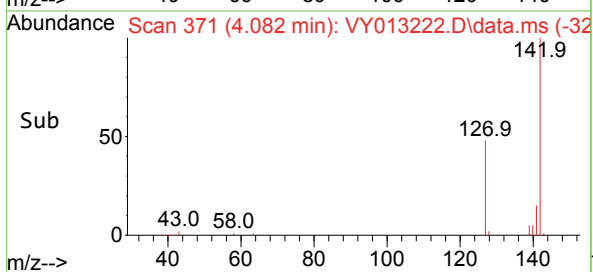
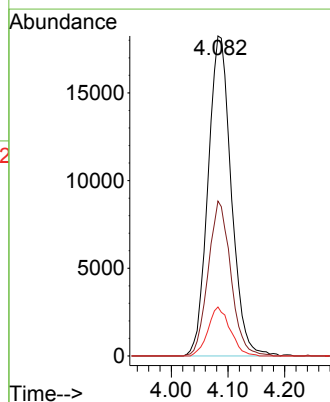
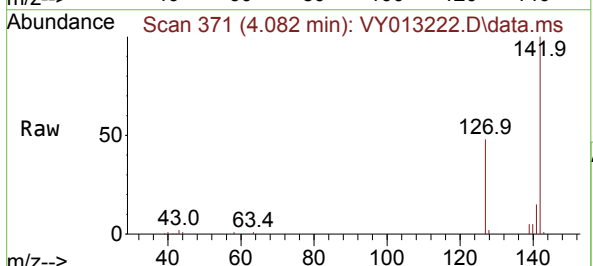
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

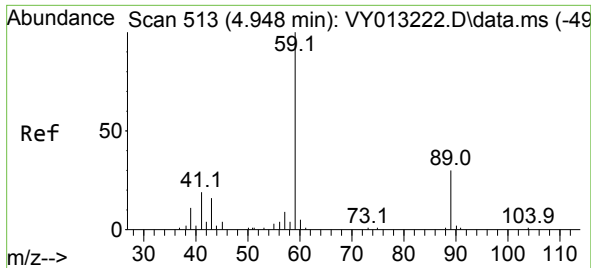
Tgt Ion:101 Resp: 43460
Ion Ratio Lower Upper
101 100
85 47.4 35.3 52.9
151 78.7 63.1 94.7



#10
Methyl Iodide
Concen: 46.402 ug/l
RT: 4.082 min Scan# 371
Delta R.T. 0.000 min
Lab File: VY013222.D
Acq: 07 Apr 2023 18:07

Tgt Ion:142 Resp: 51880
Ion Ratio Lower Upper
142 100
127 47.3 35.4 53.2
141 14.6 11.3 16.9

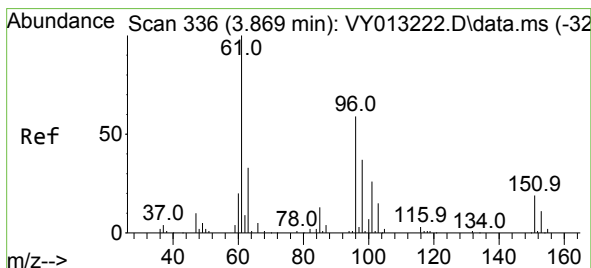
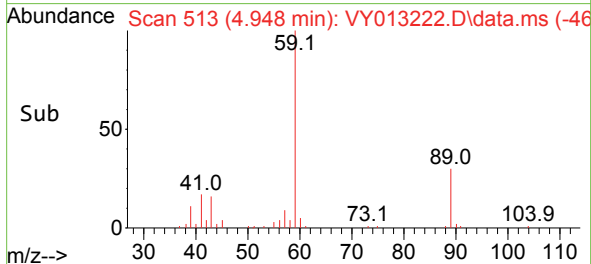
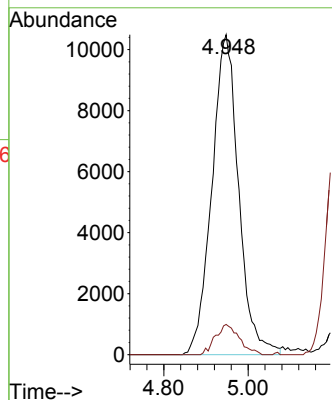
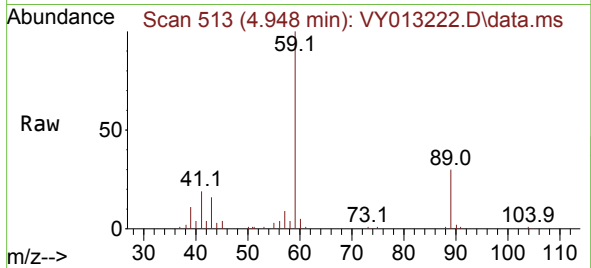




#11
Tert butyl alcohol
Concen: 271.990 ug/l
RT: 4.948 min Scan# 513
Delta R.T. 0.000 min
Lab File: VY013222.D
Acq: 07 Apr 2023 18:07

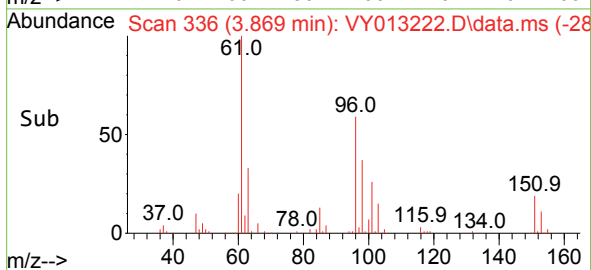
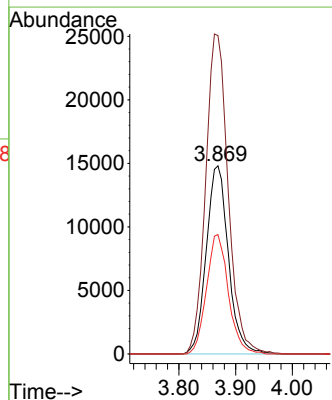
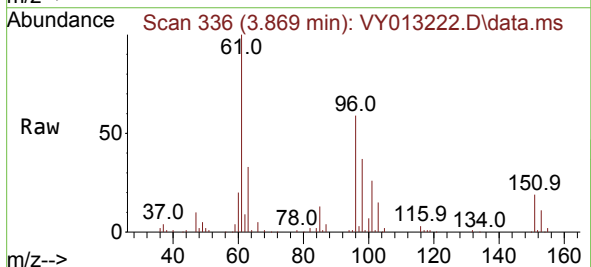
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

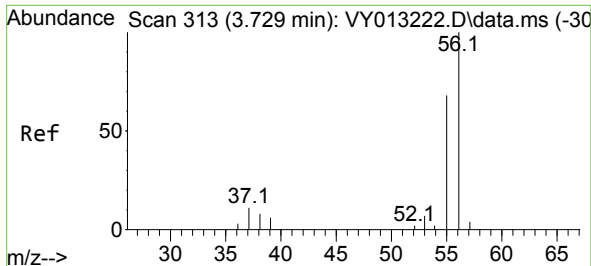
Tgt Ion: 59 Resp: 46161
Ion Ratio Lower Upper
59 100
57 8.4 7.7 11.5



#12
1,1-Dichloroethene
Concen: 49.157 ug/l
RT: 3.869 min Scan# 336
Delta R.T. 0.000 min
Lab File: VY013222.D
Acq: 07 Apr 2023 18:07

Tgt Ion: 96 Resp: 40133
Ion Ratio Lower Upper
96 100
61 169.2 131.7 197.5
98 63.4 52.0 78.0





#13

Acrolein

Concen: 247.334 ug/l

RT: 3.729 min Scan# 313

Delta R.T. 0.000 min

Lab File: VY013222.D

Acq: 07 Apr 2023 18:07

Instrument :

MSVOA_Y

ClientSampleId :

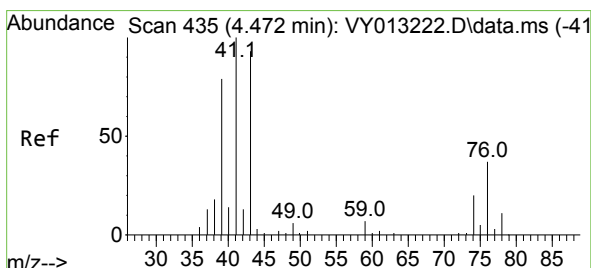
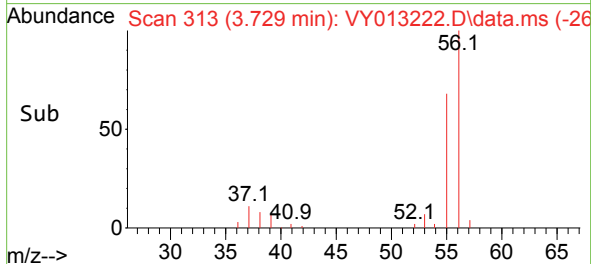
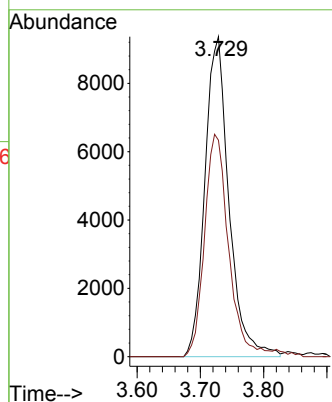
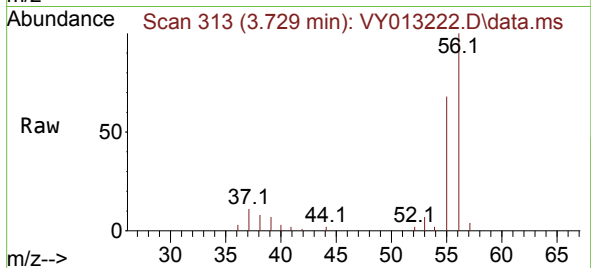
VSTDICCC050

Tgt Ion: 56 Resp: 24766

Ion Ratio Lower Upper

56 100

55 69.4 56.8 85.2



#14

Allyl chloride

Concen: 61.829 ug/l

RT: 4.472 min Scan# 435

Delta R.T. 0.000 min

Lab File: VY013222.D

Acq: 07 Apr 2023 18:07

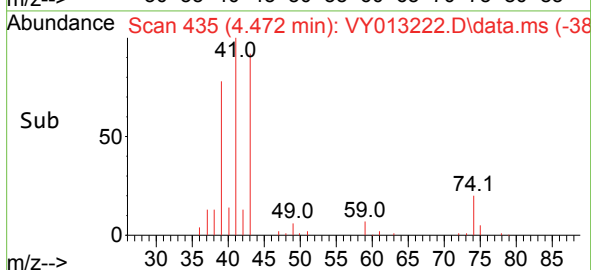
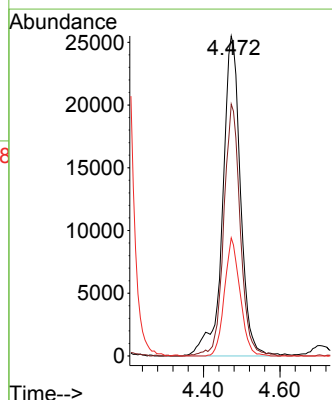
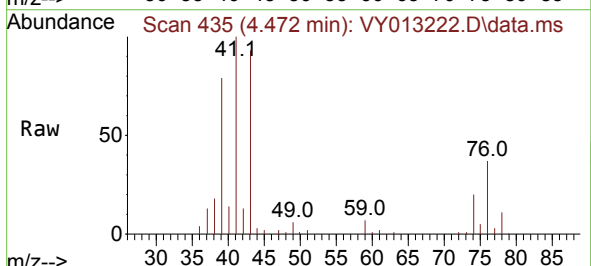
Tgt Ion: 41 Resp: 82571

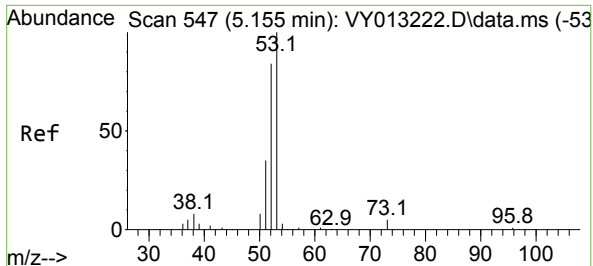
Ion Ratio Lower Upper

41 100

39 73.1 53.6 80.4

76 32.3 27.2 40.8





#15

Acrylonitrile

Concen: 341.302 ug/l

RT: 5.155 min Scan# 54

Delta R.T. 0.000 min

Lab File: VY013222.D

Acq: 07 Apr 2023 18:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

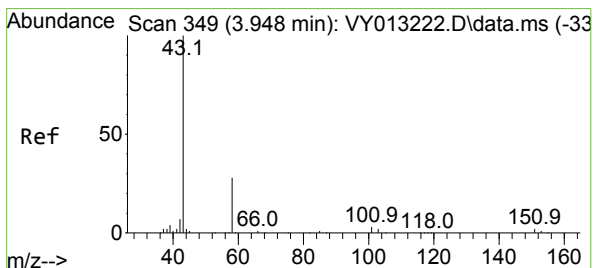
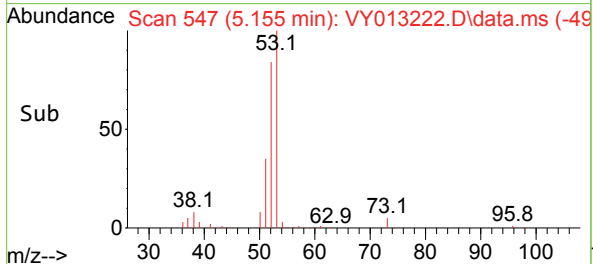
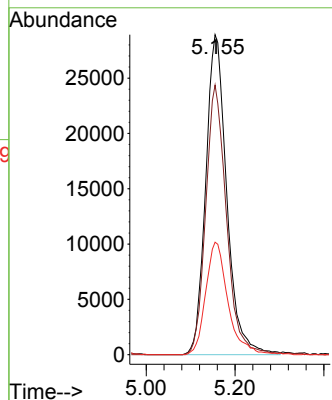
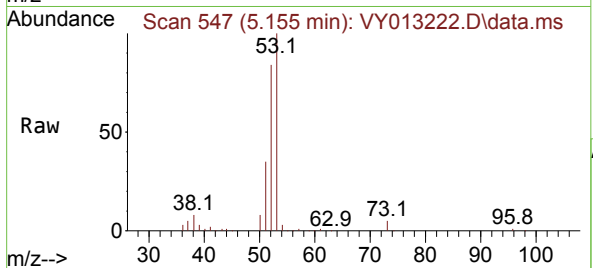
Tgt Ion: 53 Resp: 95344

Ion Ratio Lower Upper

53 100

52 83.0 66.3 99.5

51 37.3 28.8 43.2



#16

Acetone

Concen: 323.683 ug/l

RT: 3.948 min Scan# 349

Delta R.T. 0.000 min

Lab File: VY013222.D

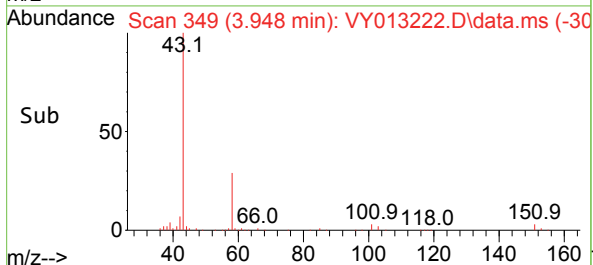
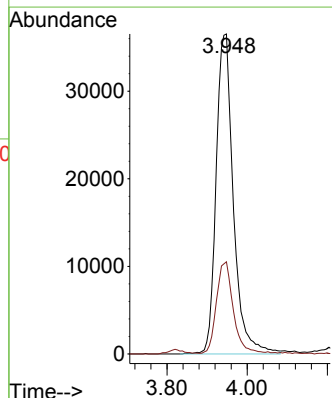
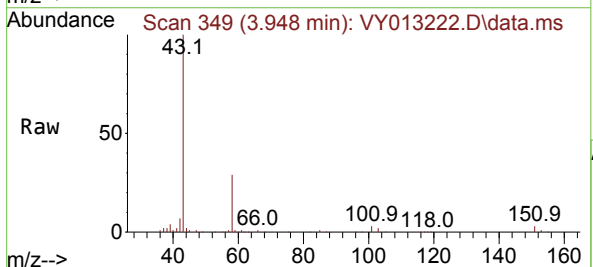
Acq: 07 Apr 2023 18:07

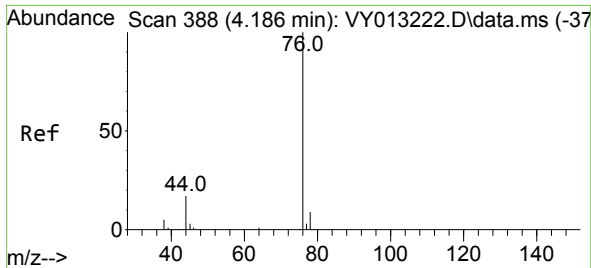
Tgt Ion: 43 Resp: 108905

Ion Ratio Lower Upper

43 100

58 28.4 24.2 36.2

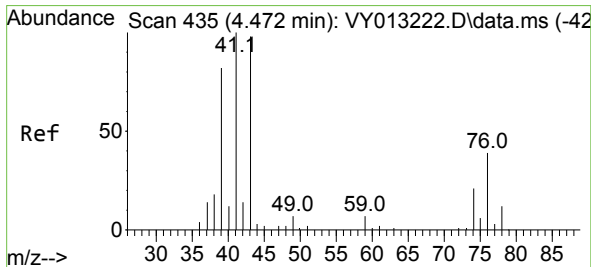
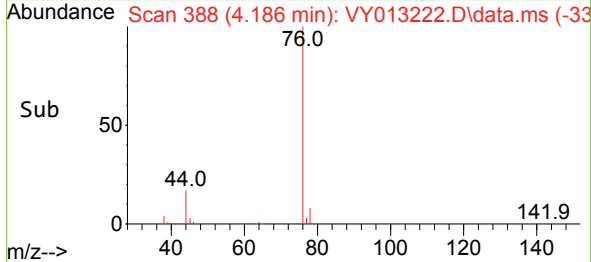
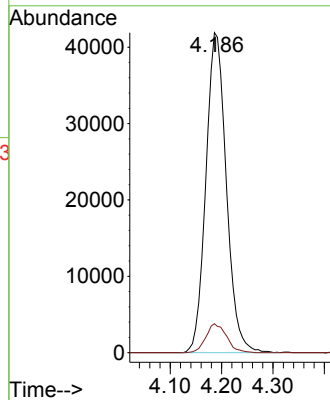
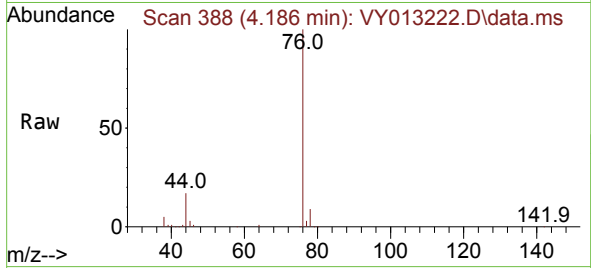




#17
Carbon Disulfide
Concen: 49.638 ug/l
RT: 4.186 min Scan# 388
Delta R.T. 0.000 min
Lab File: VY013222.D
Acq: 07 Apr 2023 18:07

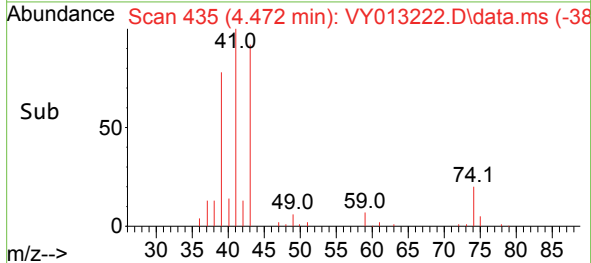
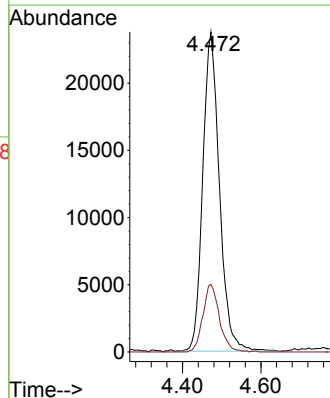
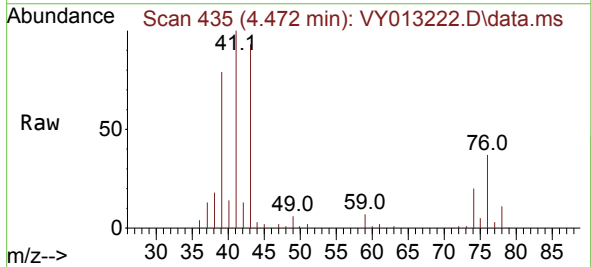
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

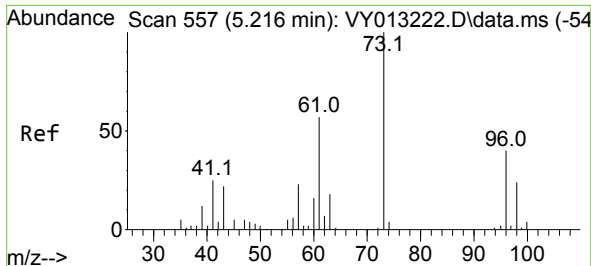
Tgt Ion: 76 Resp: 115809
Ion Ratio Lower Upper
76 100
78 9.1 7.1 10.7



#18
Methyl Acetate
Concen: 70.685 ug/l
RT: 4.472 min Scan# 435
Delta R.T. 0.000 min
Lab File: VY013222.D
Acq: 07 Apr 2023 18:07

Tgt Ion: 43 Resp: 69967
Ion Ratio Lower Upper
43 100
74 21.0 17.4 26.0

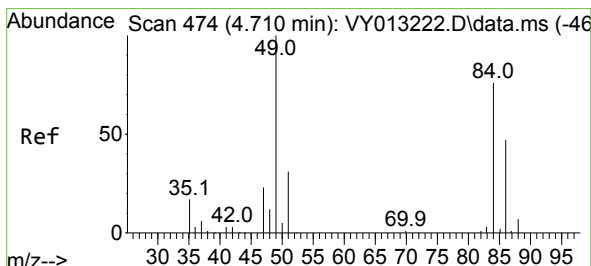
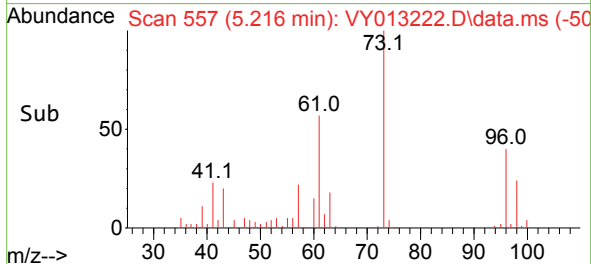
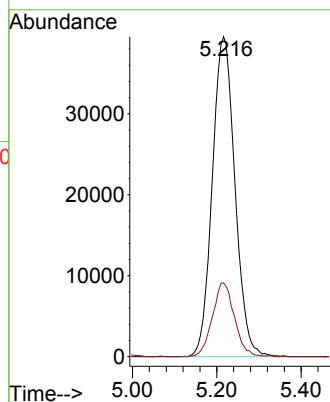
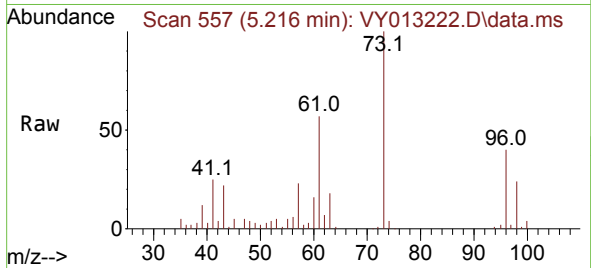




#19
Methyl tert-butyl Ether
Concen: 60.025 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY013222.D
Acq: 07 Apr 2023 18:07

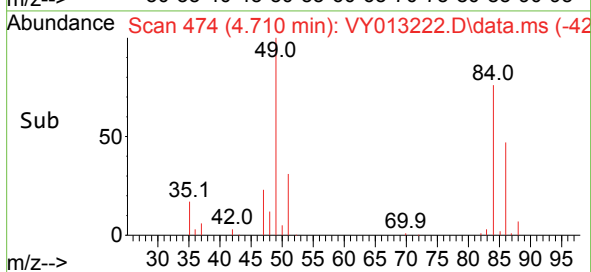
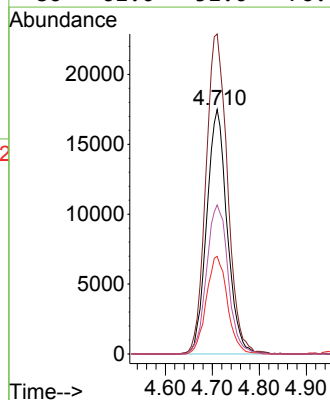
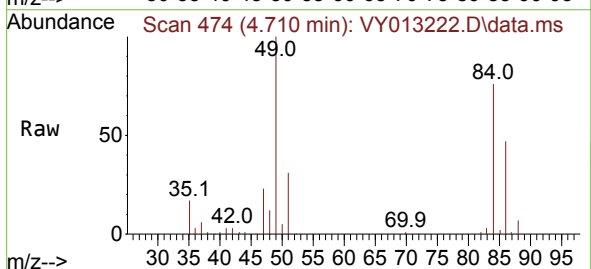
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

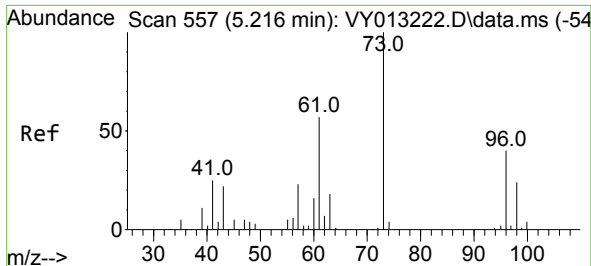
Tgt Ion: 73 Resp: 147186
Ion Ratio Lower Upper
73 100
57 23.1 18.3 27.5



#20
Methylene Chloride
Concen: 45.145 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY013222.D
Acq: 07 Apr 2023 18:07

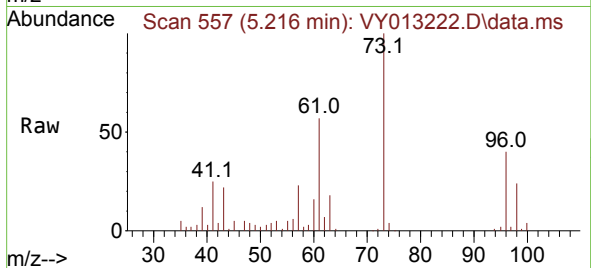
Tgt Ion: 84 Resp: 52896
Ion Ratio Lower Upper
84 100
49 130.9 102.6 154.0
51 40.0 31.9 47.9
86 61.0 51.0 76.6



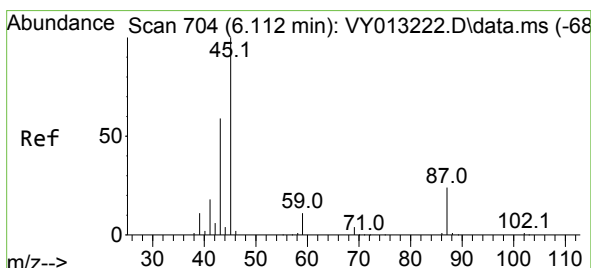
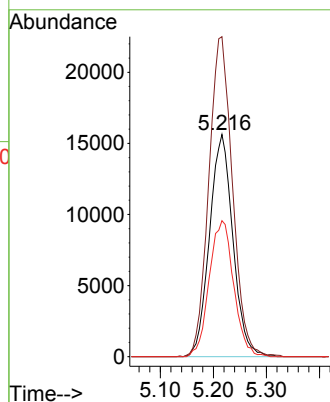
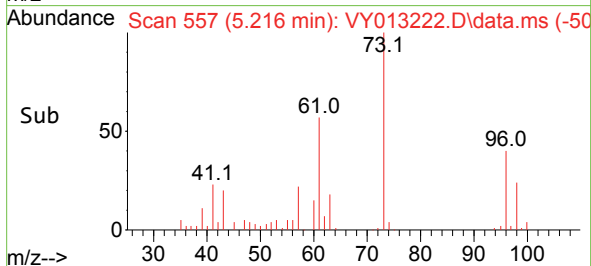


#21
trans-1,2-Dichloroethene
Concen: 52.897 ug/l
RT: 5.216 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY013222.D
Acq: 07 Apr 2023 18:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

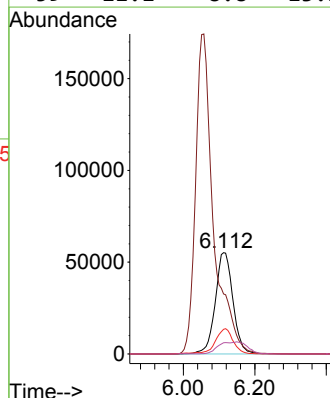
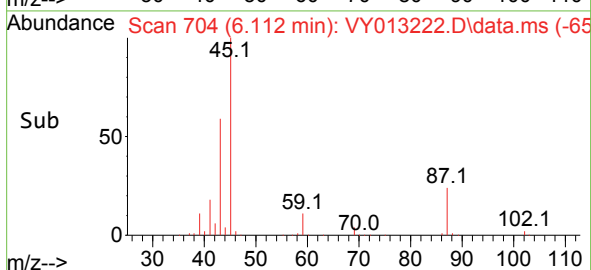
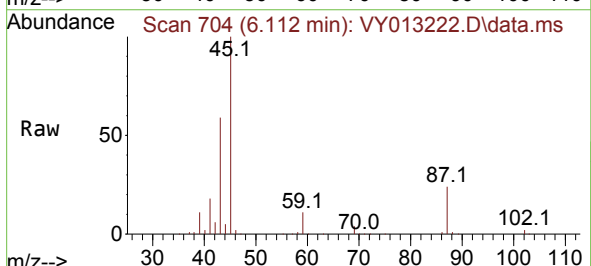


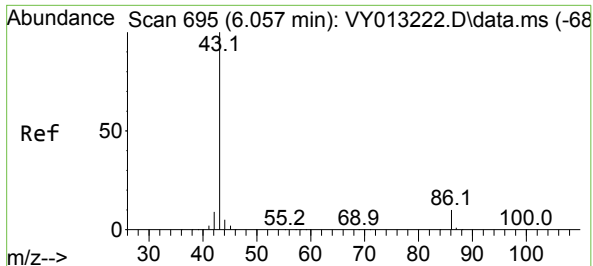
Tgt Ion: 96 Resp: 47915
Ion Ratio Lower Upper
96 100
61 143.6 111.4 167.0
98 61.2 50.8 76.2



#22
Diisopropyl ether
Concen: 70.242 ug/l
RT: 6.112 min Scan# 704
Delta R.T. 0.000 min
Lab File: VY013222.D
Acq: 07 Apr 2023 18:07

Tgt Ion: 45 Resp: 189130
Ion Ratio Lower Upper
45 100
43 59.0 45.0 67.6
87 24.4 20.3 30.5
59 11.1 8.8 13.2

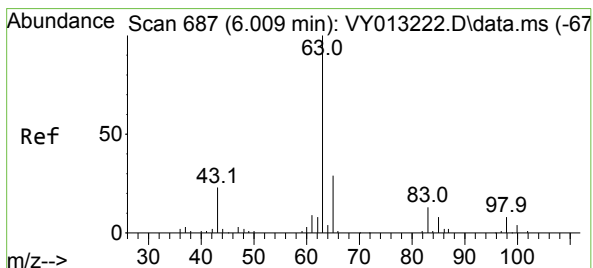
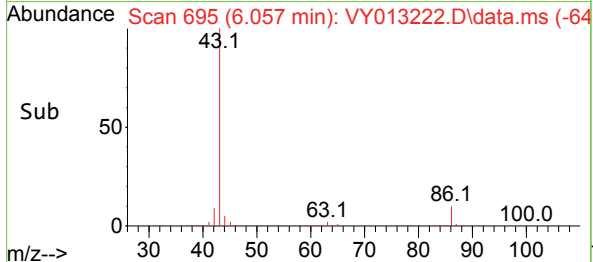
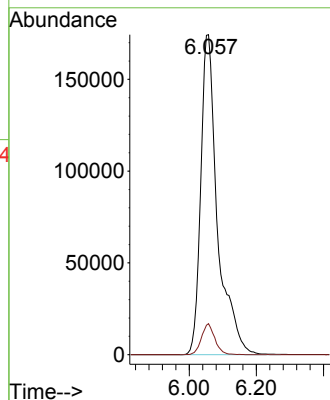
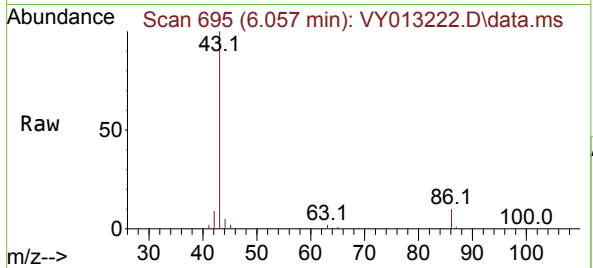




#23
 Vinyl Acetate
 Concen: 357.642 ug/l
 RT: 6.057 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY013222.D
 Acq: 07 Apr 2023 18:07

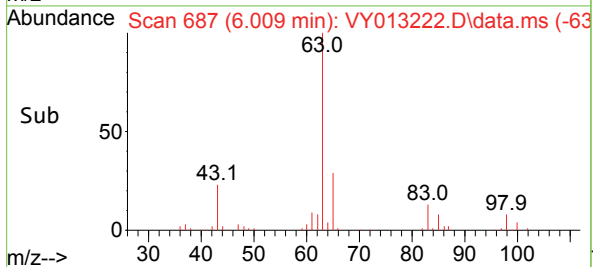
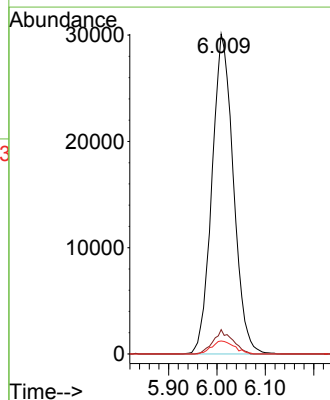
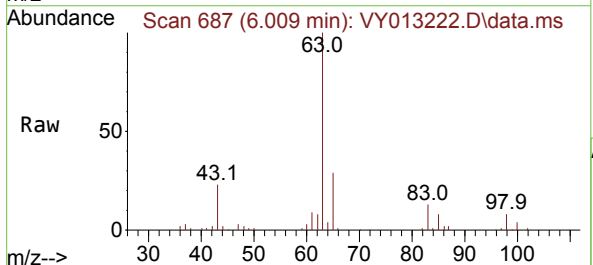
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

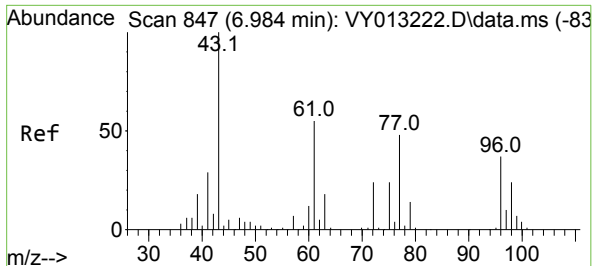
Tgt Ion: 43 Resp: 605237
 Ion Ratio Lower Upper
 43 100
 86 9.7 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 58.618 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. 0.000 min
 Lab File: VY013222.D
 Acq: 07 Apr 2023 18:07

Tgt Ion: 63 Resp: 92591
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.7 11.1
 100 4.0 2.3 6.8





#25

2-Butanone

Concen: 347.303 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY013222.D

Acq: 07 Apr 2023 18:07

Instrument :

MSVOA_Y

ClientSampleId :

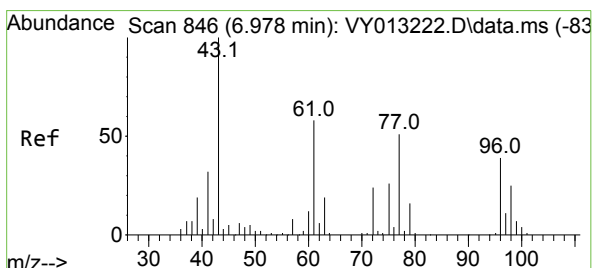
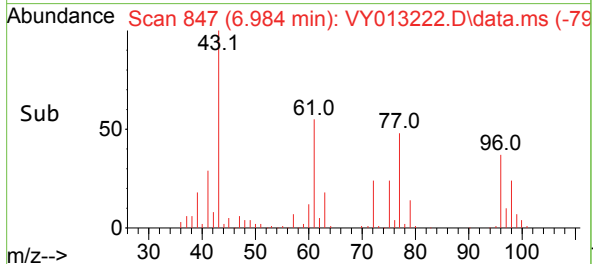
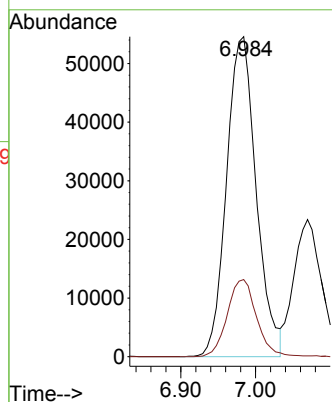
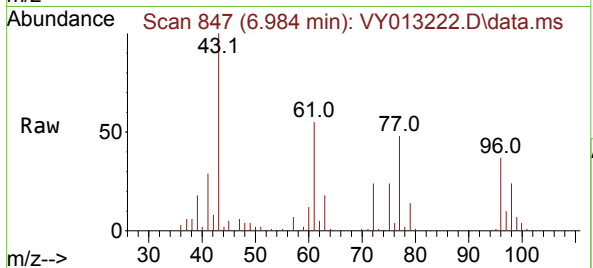
VSTDICCC050

Tgt Ion: 43 Resp: 150709

Ion Ratio Lower Upper

43 100

72 24.1 21.0 31.4



#26

2,2-Dichloropropane

Concen: 50.701 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY013222.D

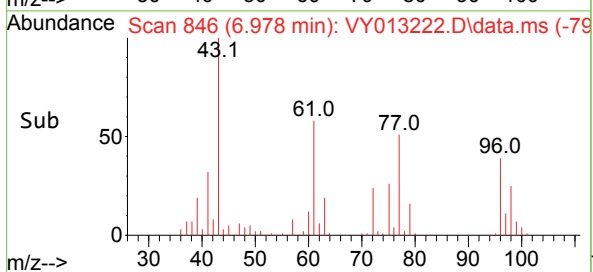
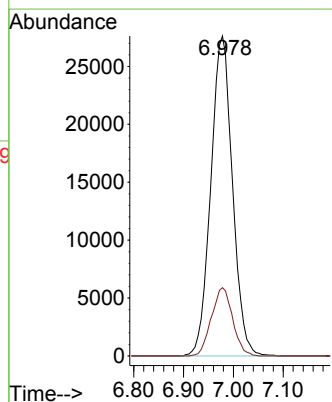
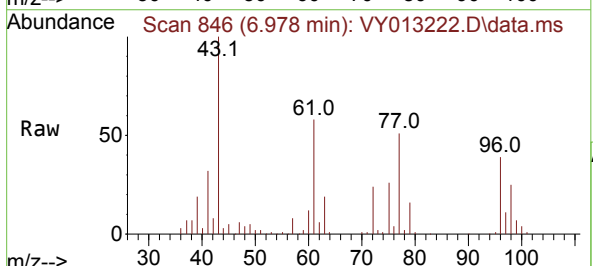
Acq: 07 Apr 2023 18:07

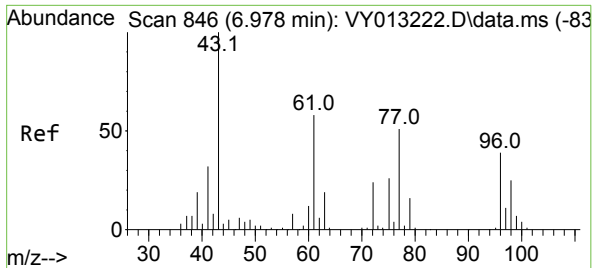
Tgt Ion: 77 Resp: 83268

Ion Ratio Lower Upper

77 100

97 20.9 11.7 35.0



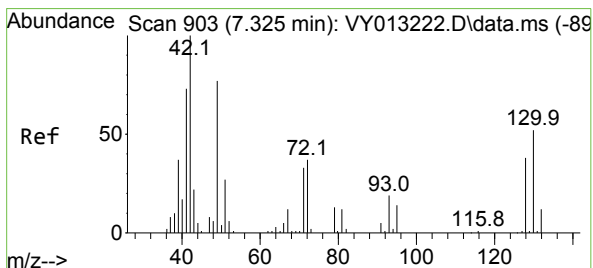
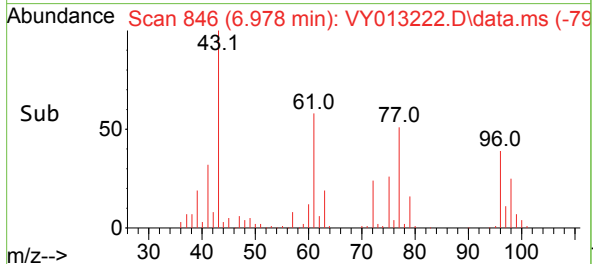
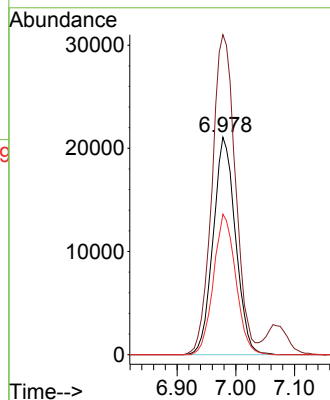
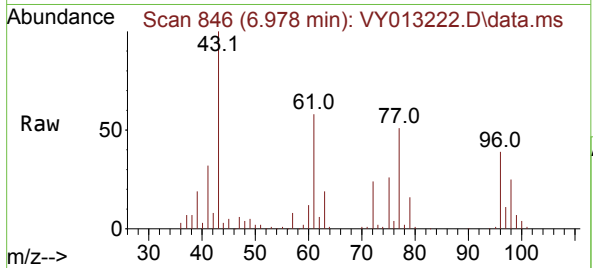


#27
 cis-1,2-Dichloroethene
 Concen: 53.463 ug/l
 RT: 6.978 min Scan# 846
 Delta R.T. 0.000 min
 Lab File: VY013222.D
 Acq: 07 Apr 2023 18:07

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 96 Resp: 55772

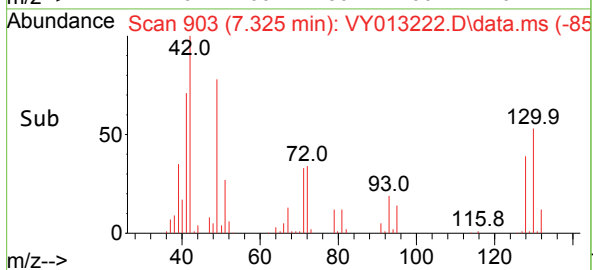
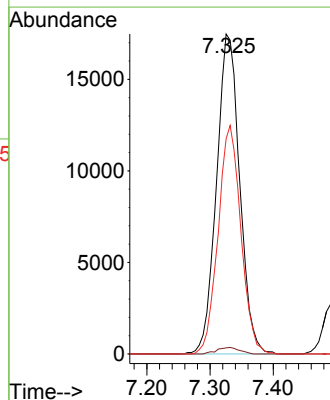
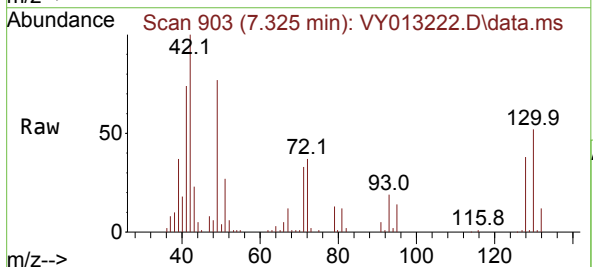
Ion	Ratio	Lower	Upper
96	100		
61	154.7	0.0	295.8
98	64.4	0.0	130.2

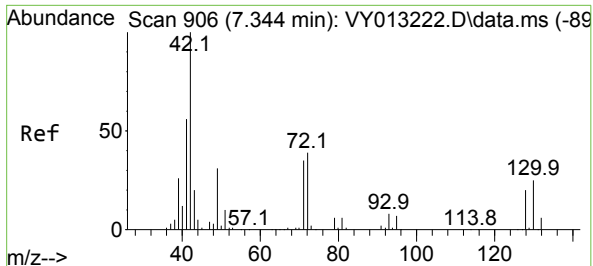


#28
 Bromochloromethane
 Concen: 69.214 ug/l
 RT: 7.325 min Scan# 903
 Delta R.T. 0.000 min
 Lab File: VY013222.D
 Acq: 07 Apr 2023 18:07

Tgt Ion: 49 Resp: 44369

Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.2
130	70.1	60.5	90.7

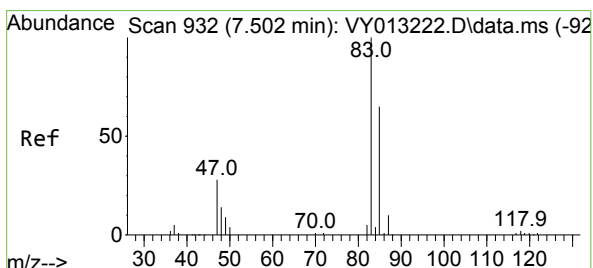
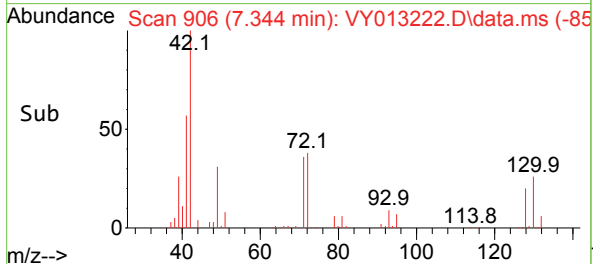
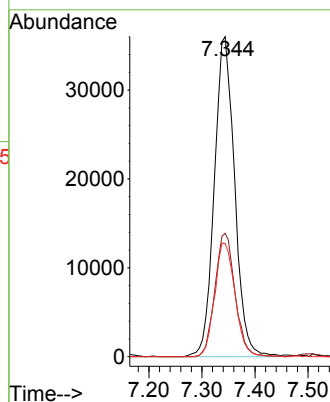
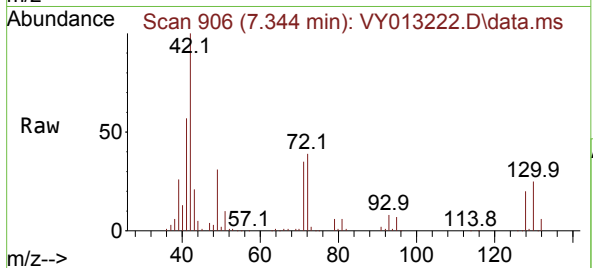




#29
Tetrahydrofuran
Concen: 388.644 ug/l
RT: 7.344 min Scan# 906
Delta R.T. 0.000 min
Lab File: VY013222.D
Acq: 07 Apr 2023 18:07

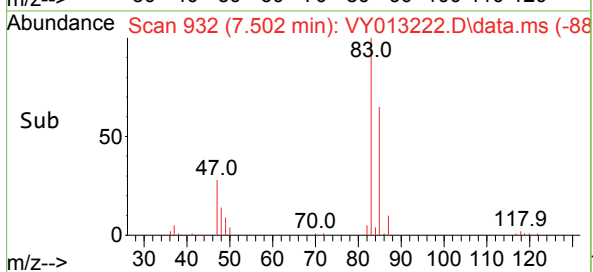
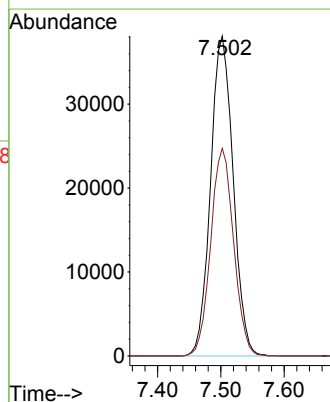
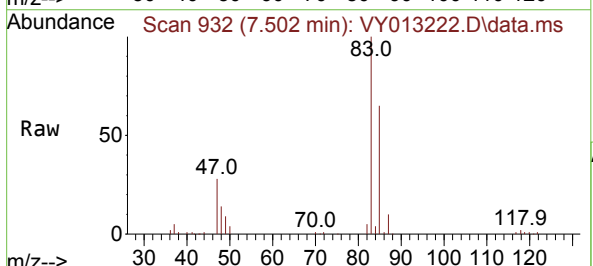
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

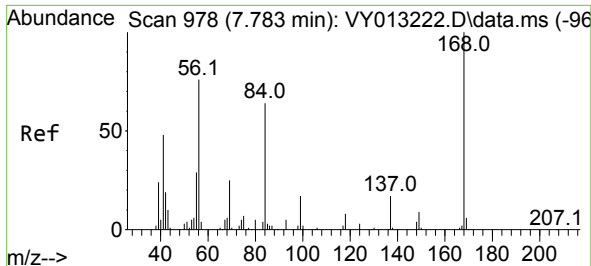
Tgt Ion:	42	Resp:	95946
Ion	Ratio	Lower	Upper
42	100		
72	38.2	32.3	48.5
71	35.7	30.3	45.5



#30
Chloroform
Concen: 55.030 ug/l
RT: 7.502 min Scan# 932
Delta R.T. 0.000 min
Lab File: VY013222.D
Acq: 07 Apr 2023 18:07

Tgt Ion:	83	Resp:	94485
Ion	Ratio	Lower	Upper
83	100		
85	64.9	51.4	77.0

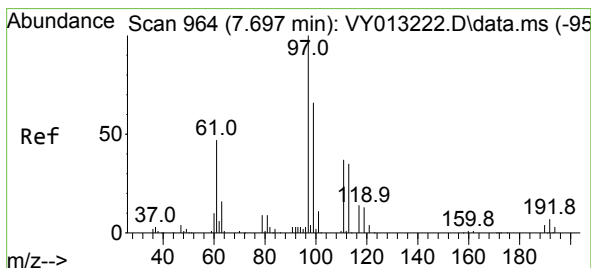
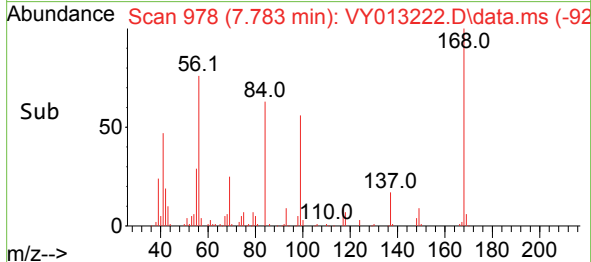
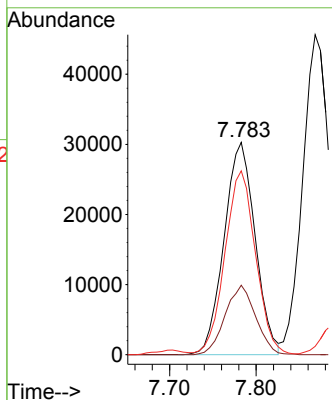
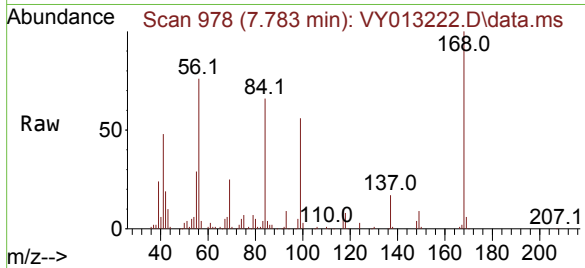




#31
Cyclohexane
Concen: 54.547 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY013222.D
Acq: 07 Apr 2023 18:07

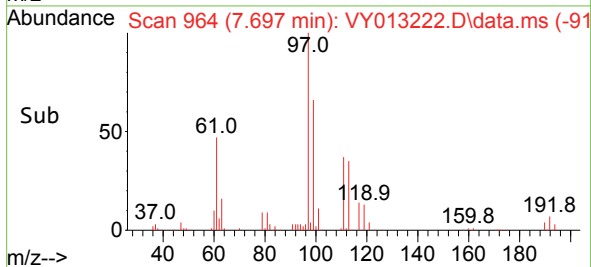
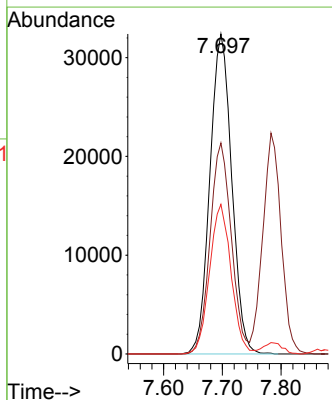
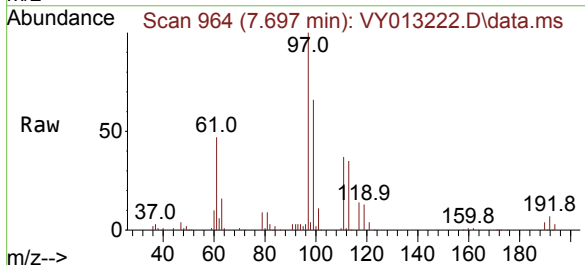
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

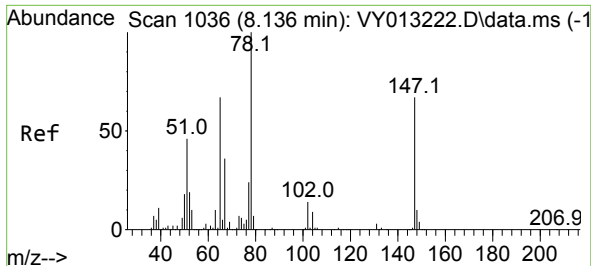
Tgt Ion: 56 Resp: 75466
Ion Ratio Lower Upper
56 100
69 32.7 25.7 38.5
84 84.8 64.3 96.5



#32
1,1,1-Trichloroethane
Concen: 52.102 ug/l
RT: 7.697 min Scan# 964
Delta R.T. 0.000 min
Lab File: VY013222.D
Acq: 07 Apr 2023 18:07

Tgt Ion: 97 Resp: 83537
Ion Ratio Lower Upper
97 100
99 64.7 51.0 76.6
61 46.2 34.5 51.7

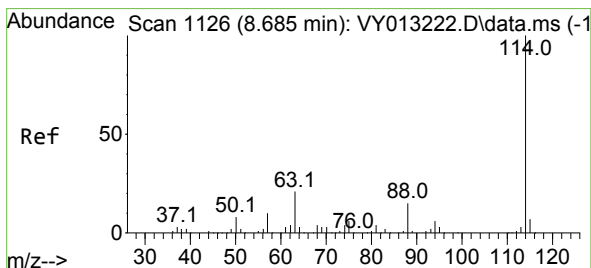
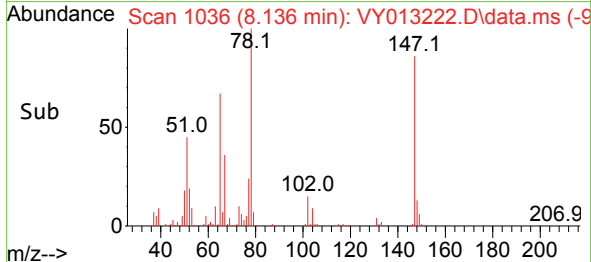
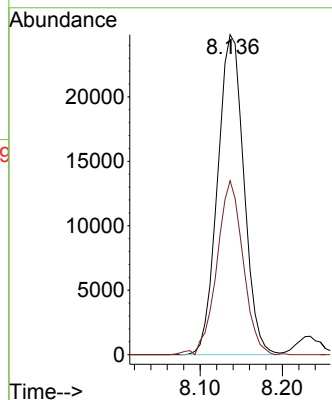
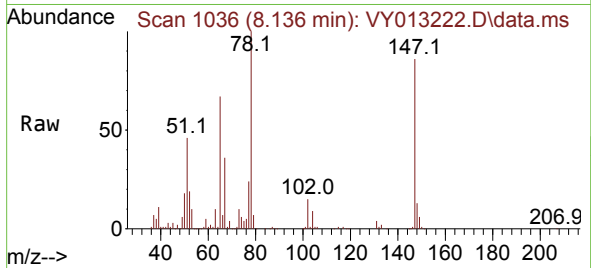




#33
 1,2-Dichloroethane-d4
 Concen: 55.706 ug/l
 RT: 8.136 min Scan# 1036
 Delta R.T. 0.000 min
 Lab File: VY013222.D
 Acq: 07 Apr 2023 18:07

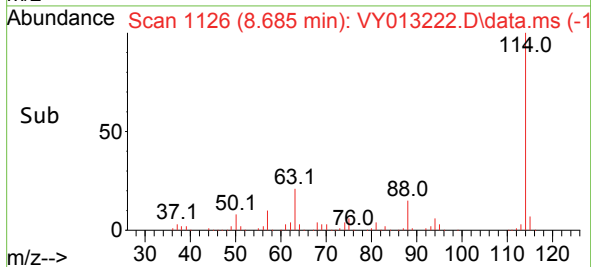
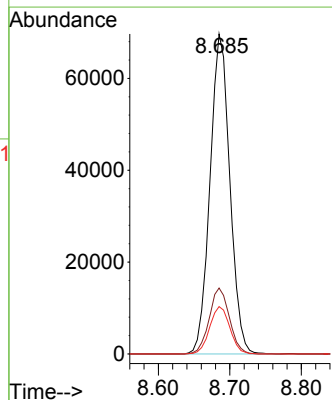
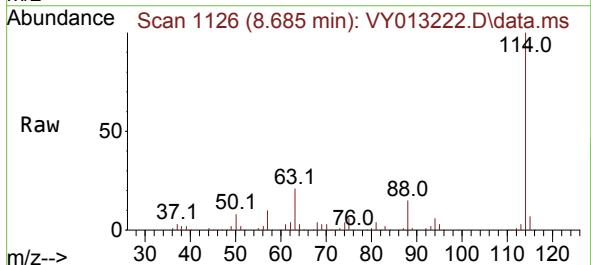
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

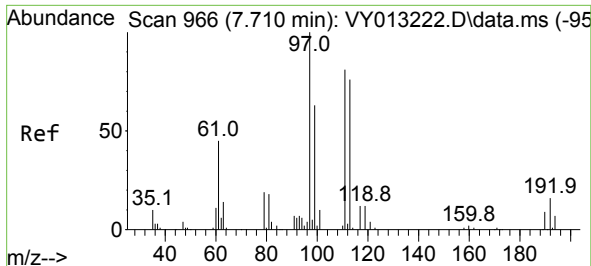
Tgt Ion: 65 Resp: 55236
 Ion Ratio Lower Upper
 65 100
 67 54.1 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VY013222.D
 Acq: 07 Apr 2023 18:07

Tgt Ion: 114 Resp: 134158
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 37.4
 88 14.8 0.0 28.6

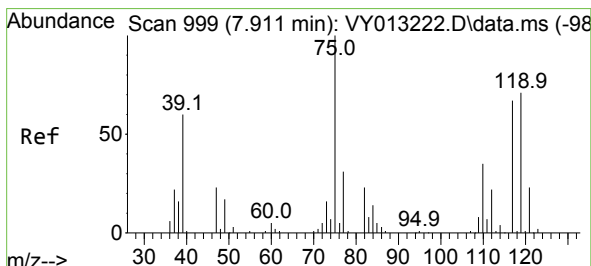
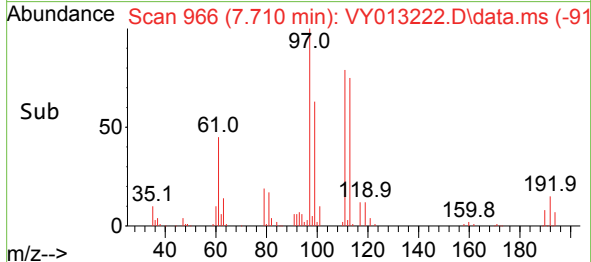
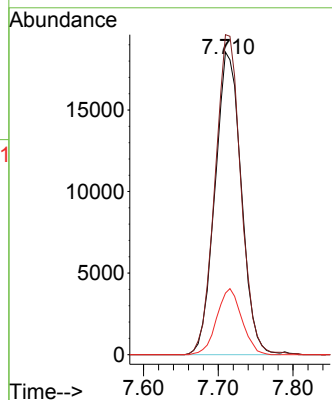
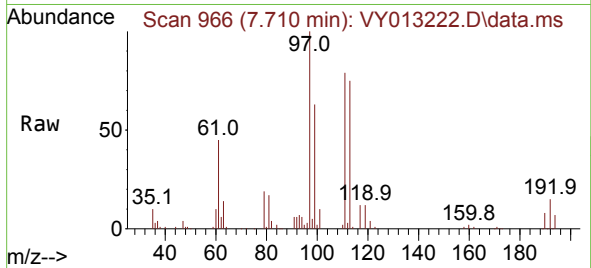




#35
Dibromofluoromethane
Concen: 51.790 ug/l
RT: 7.710 min Scan# 911
Delta R.T. 0.000 min
Lab File: VY013222.D
Acq: 07 Apr 2023 18:07

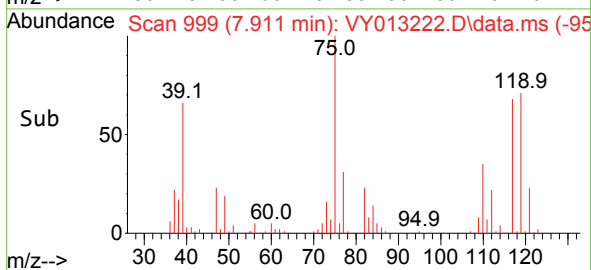
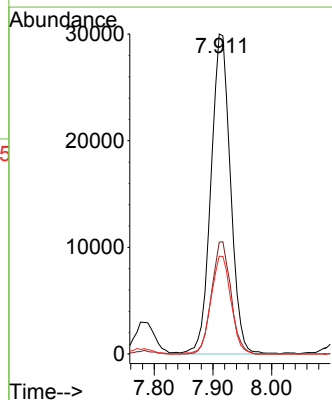
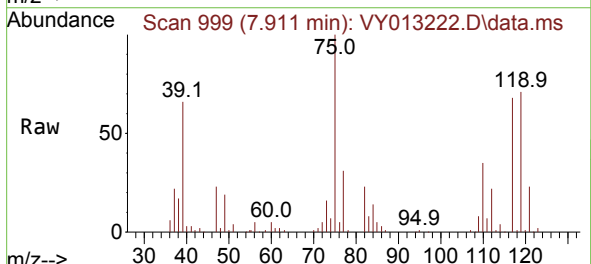
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

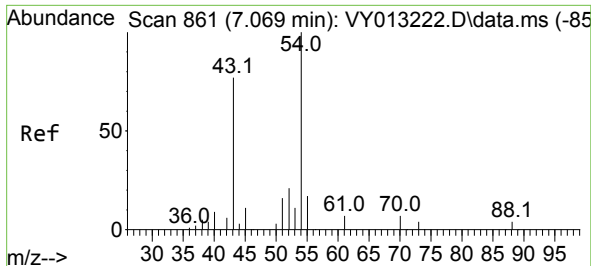
Tgt Ion:113 Resp: 45344
Ion Ratio Lower Upper
113 100
111 104.3 82.2 123.2
192 20.8 16.8 25.2



#36
1,1-Dichloropropene
Concen: 53.524 ug/l
RT: 7.911 min Scan# 999
Delta R.T. 0.000 min
Lab File: VY013222.D
Acq: 07 Apr 2023 18:07

Tgt Ion: 75 Resp: 69259
Ion Ratio Lower Upper
75 100
110 34.5 17.8 53.3
77 31.3 25.0 37.4





#37

Ethyl Acetate

Concen: 71.271 ug/l

RT: 7.069 min Scan# 861

Delta R.T. 0.000 min

Lab File: VY013222.D

Acq: 07 Apr 2023 18:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

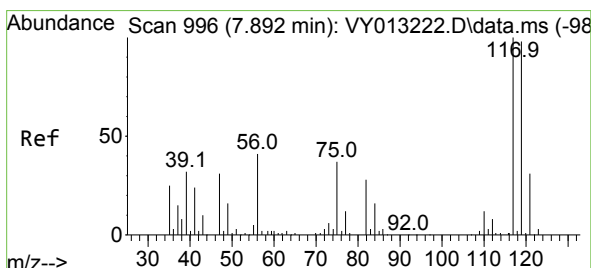
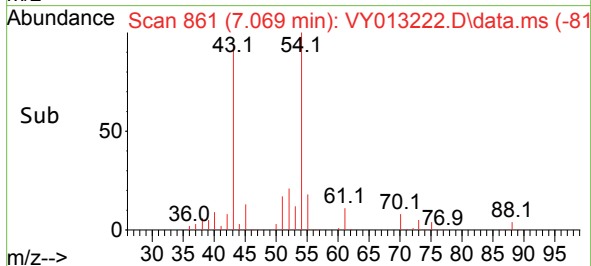
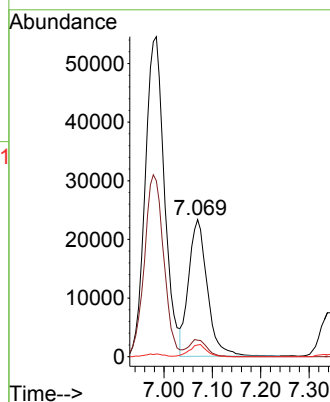
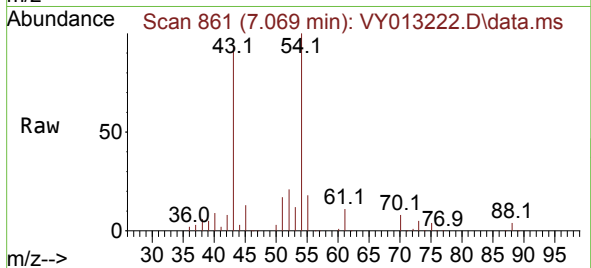
Tgt Ion: 43 Resp: 62539

Ion Ratio Lower Upper

43 100

61 12.0 10.7 16.1

70 8.2 7.8 11.8



#38

Carbon Tetrachloride

Concen: 49.707 ug/l

RT: 7.892 min Scan# 996

Delta R.T. 0.000 min

Lab File: VY013222.D

Acq: 07 Apr 2023 18:07

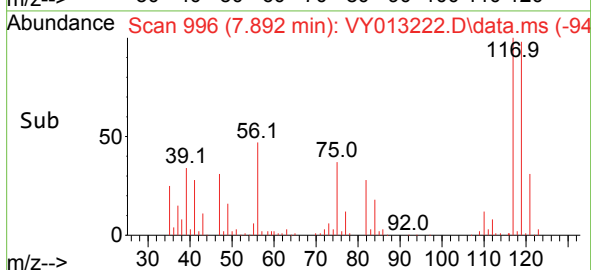
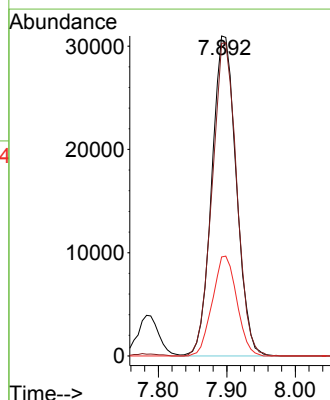
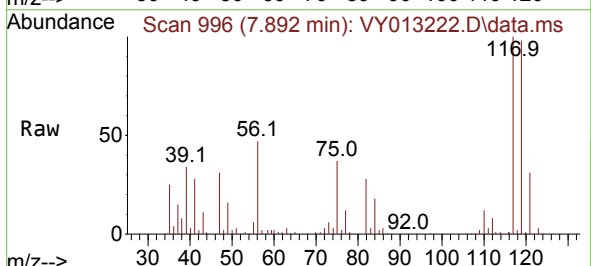
Tgt Ion: 117 Resp: 76874

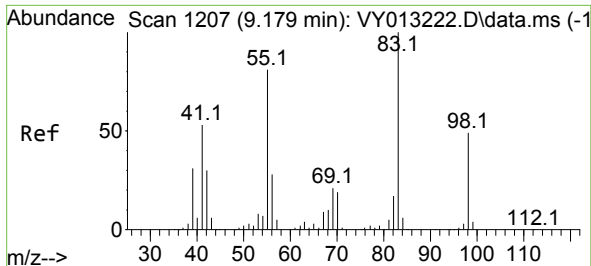
Ion Ratio Lower Upper

117 100

119 97.7 77.2 115.8

121 31.0 24.7 37.1





#39

Methylcyclohexane

Concen: 51.040 ug/l

RT: 9.179 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY013222.D

Acq: 07 Apr 2023 18:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

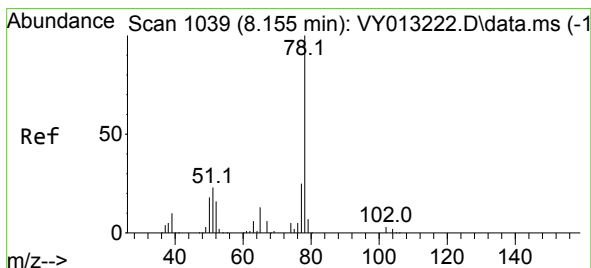
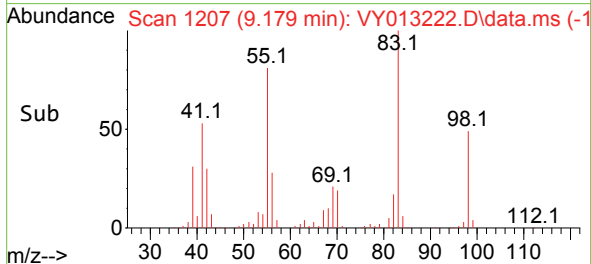
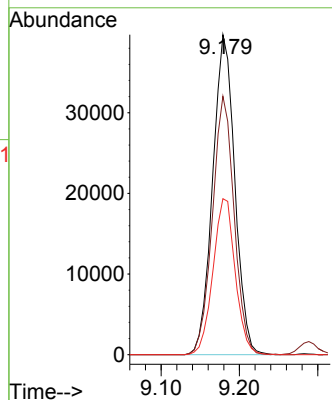
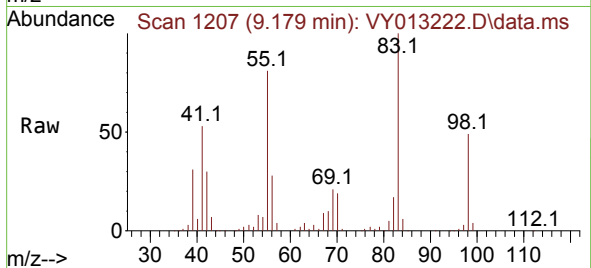
Tgt Ion: 83 Resp: 78050

Ion Ratio Lower Upper

83 100

55 80.8 60.0 90.0

98 48.8 38.3 57.5



#40

Benzene

Concen: 54.001 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. 0.000 min

Lab File: VY013222.D

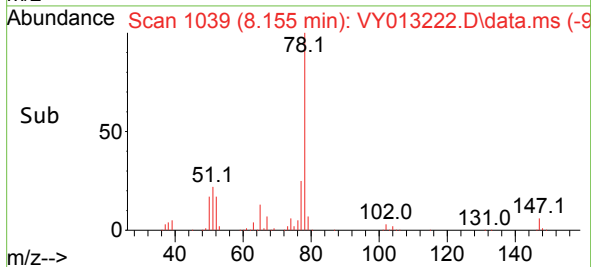
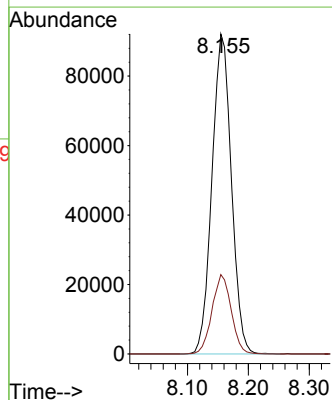
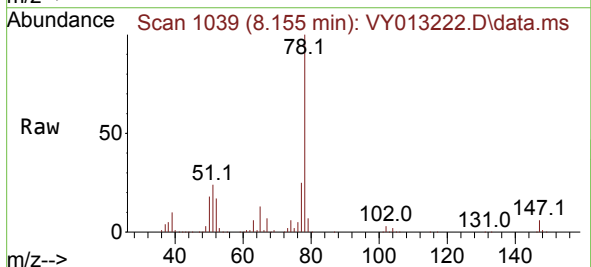
Acq: 07 Apr 2023 18:07

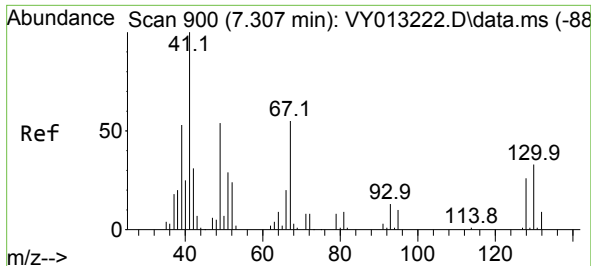
Tgt Ion: 78 Resp: 203822

Ion Ratio Lower Upper

78 100

77 24.8 19.4 29.0

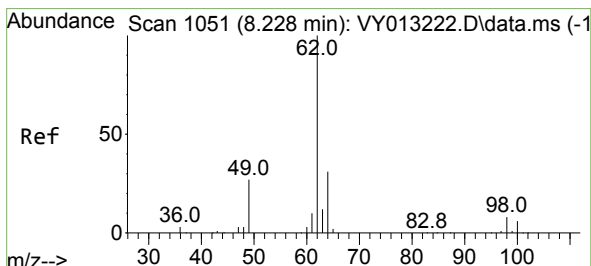
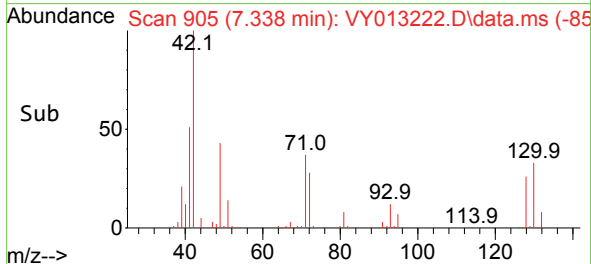
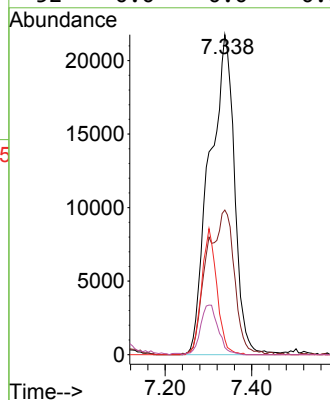
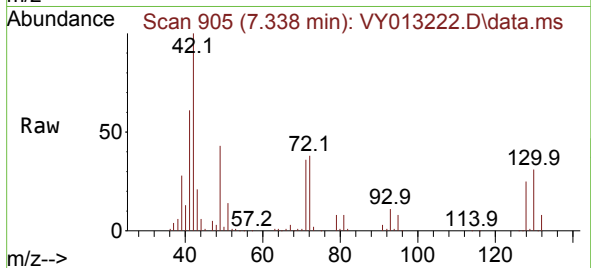




#41
Methacrylonitrile
Concen: 197.154 ug/l
RT: 7.338 min Scan# 905
Delta R.T. 0.030 min
Lab File: VY013222.D
Acq: 07 Apr 2023 18:07

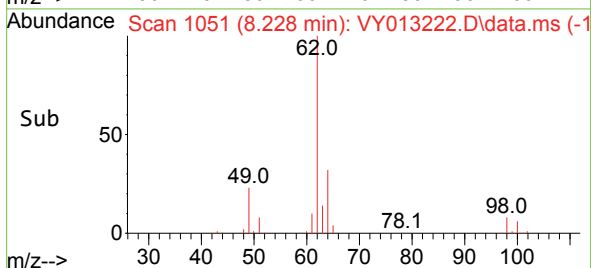
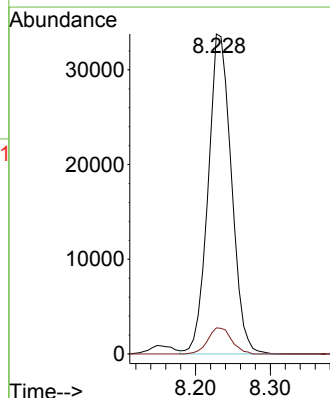
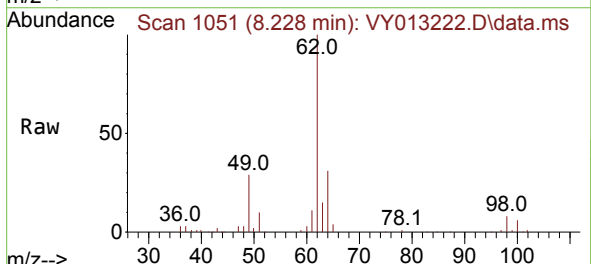
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

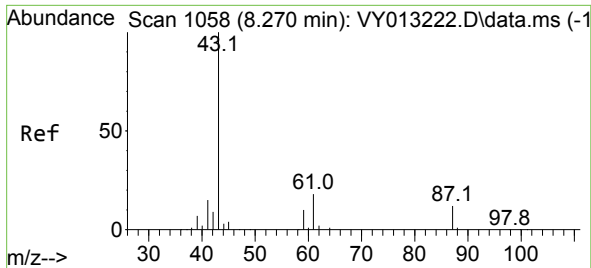
Tgt Ion: 41 Resp: 87112
Ion Ratio Lower Upper
41 100
39 49.7 0.0 0.0#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 56.430 ug/l
RT: 8.228 min Scan# 1051
Delta R.T. 0.000 min
Lab File: VY013222.D
Acq: 07 Apr 2023 18:07

Tgt Ion: 62 Resp: 73092
Ion Ratio Lower Upper
62 100
98 8.3 0.0 18.8

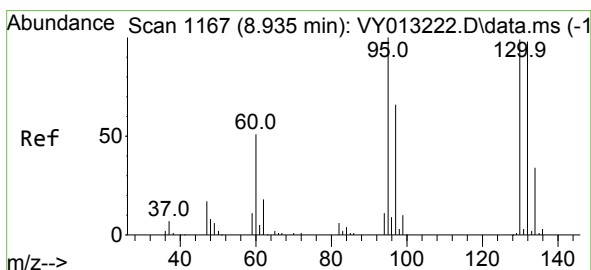
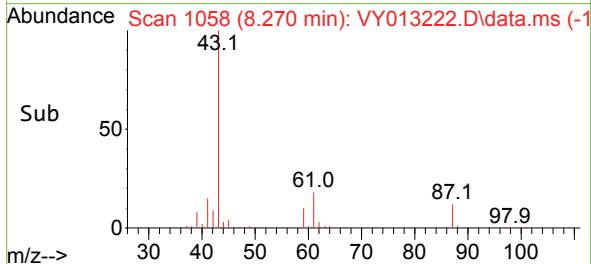
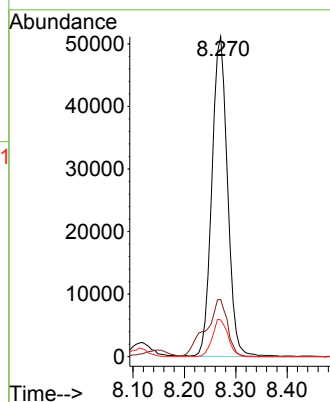
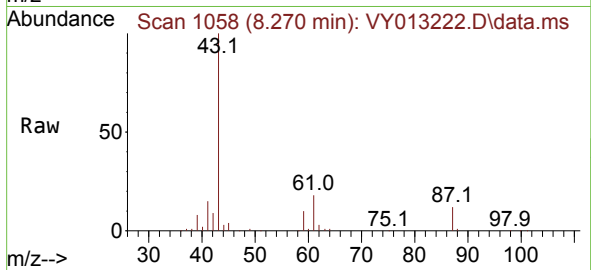




#43
Isopropyl Acetate
Concen: 69.091 ug/l
RT: 8.270 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VY013222.D
Acq: 07 Apr 2023 18:07

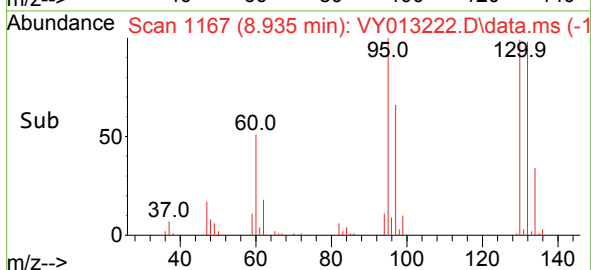
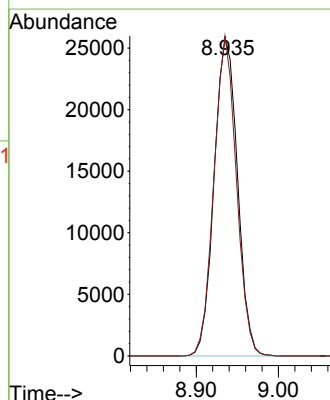
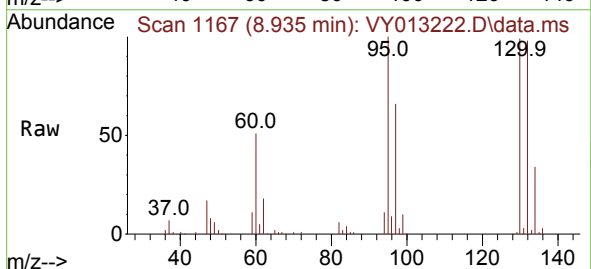
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

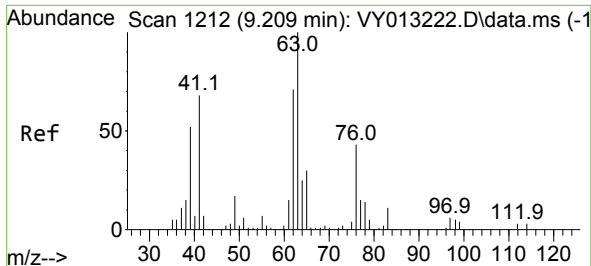
Tgt Ion: 43 Resp: 107989
Ion Ratio Lower Upper
43 100
61 24.8 21.6 32.4
87 11.7 9.9 14.9



#44
Trichloroethene
Concen: 48.345 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VY013222.D
Acq: 07 Apr 2023 18:07

Tgt Ion:130 Resp: 50873
Ion Ratio Lower Upper
130 100
95 100.7 0.0 185.0

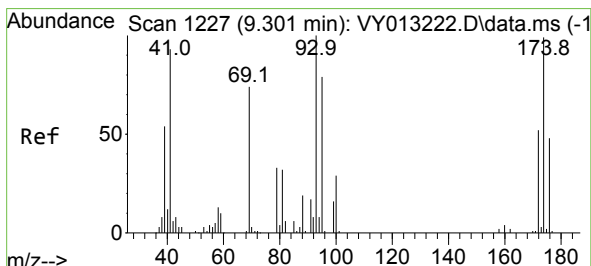
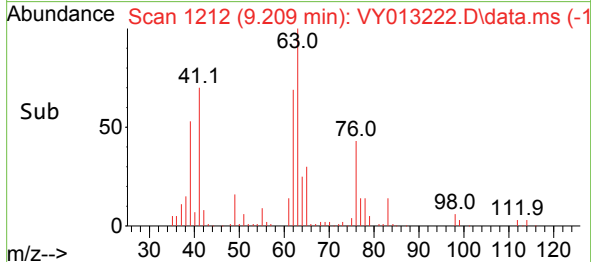
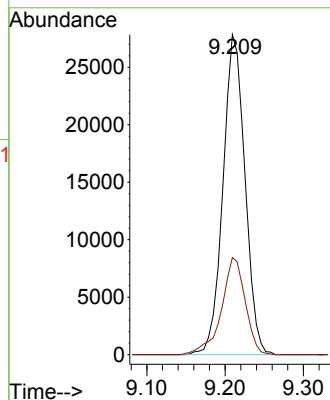
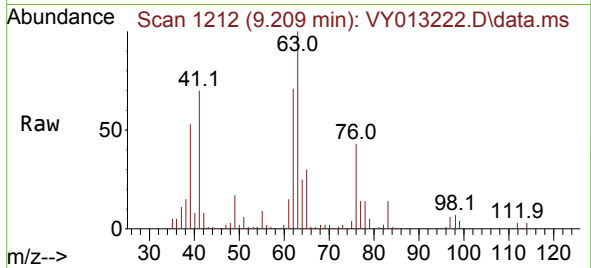




#45
1,2-Dichloropropane
Concen: 60.003 ug/l
RT: 9.209 min Scan# 1212
Delta R.T. 0.000 min
Lab File: VY013222.D
Acq: 07 Apr 2023 18:07

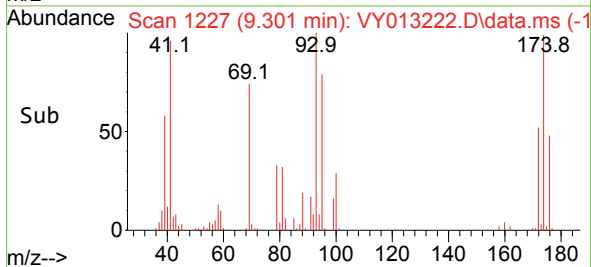
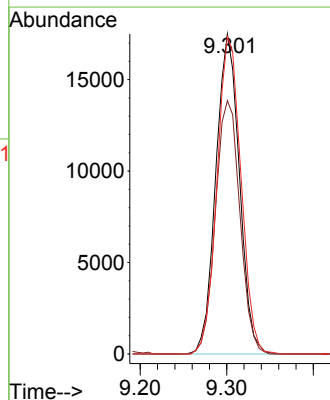
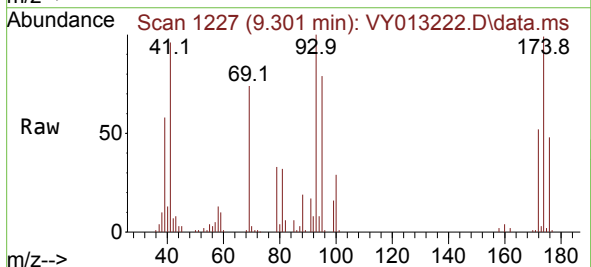
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

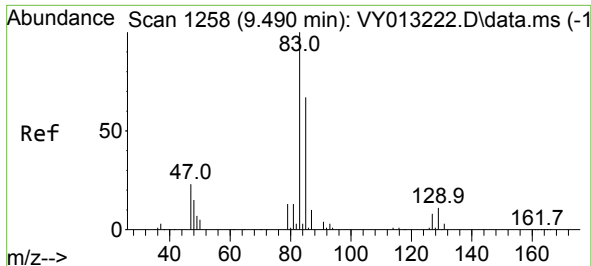
Tgt Ion: 63 Resp: 54410
Ion Ratio Lower Upper
63 100
65 30.3 25.7 38.5



#46
Dibromomethane
Concen: 57.212 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. 0.000 min
Lab File: VY013222.D
Acq: 07 Apr 2023 18:07

Tgt Ion: 93 Resp: 32999
Ion Ratio Lower Upper
93 100
95 82.1 65.6 98.4
174 101.0 81.3 121.9

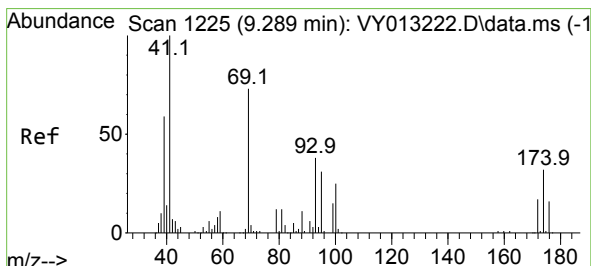
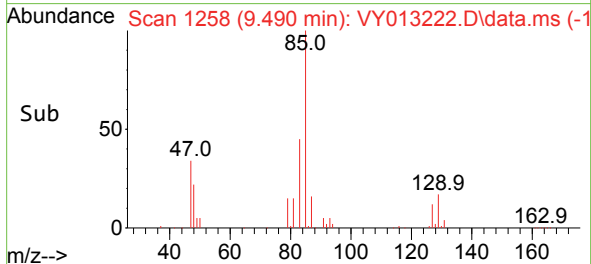
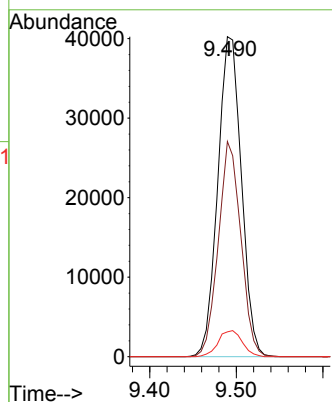
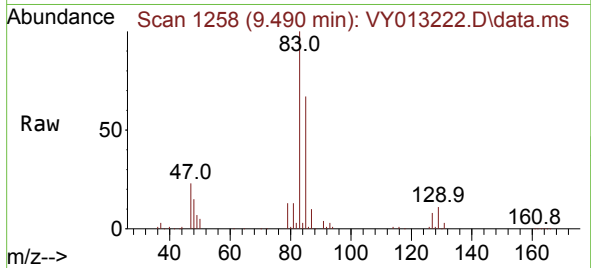




#47
Bromodichloromethane
Concen: 55.551 ug/l
RT: 9.490 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VY013222.D
Acq: 07 Apr 2023 18:07

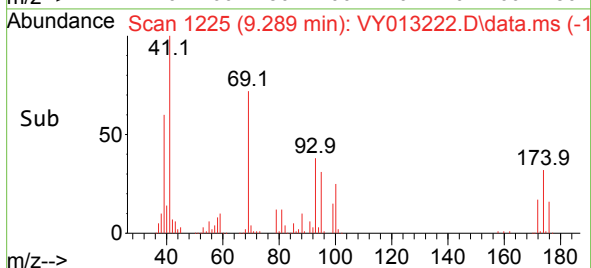
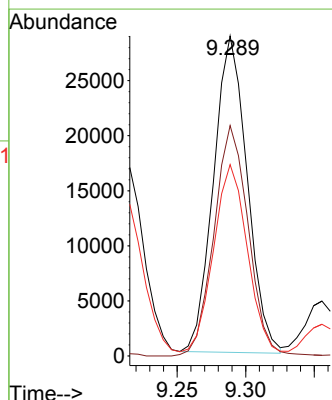
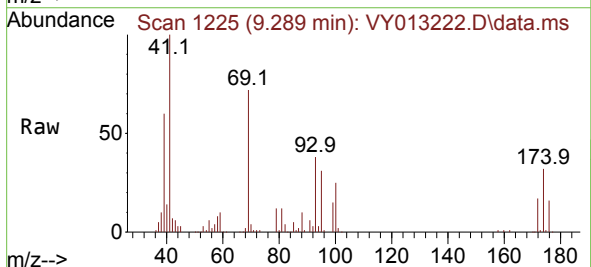
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

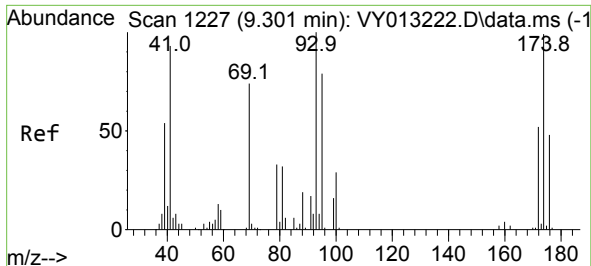
Tgt Ion: 83 Resp: 76220
Ion Ratio Lower Upper
83 100
85 67.3 50.2 75.4
127 7.8 6.3 9.5



#48
Methyl methacrylate
Concen: 68.862 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. 0.000 min
Lab File: VY013222.D
Acq: 07 Apr 2023 18:07

Tgt Ion: 41 Resp: 48995
Ion Ratio Lower Upper
41 100
69 74.5 64.1 96.1
39 62.5 44.0 66.0





#49

1,4-Dioxane

Concen: 1179.126 ug/l

RT: 9.301 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY013222.D

Acq: 07 Apr 2023 18:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

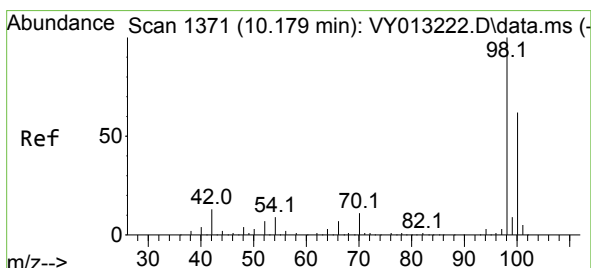
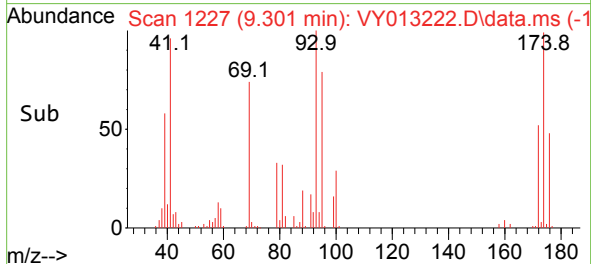
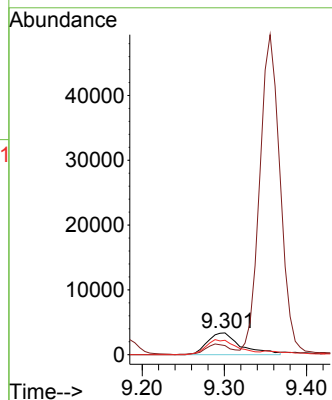
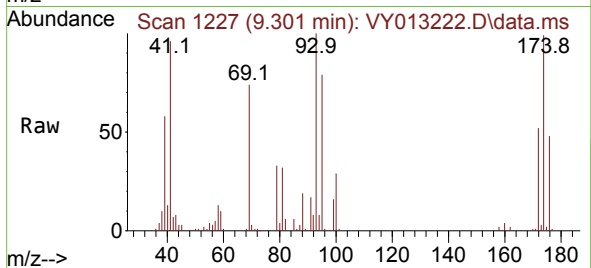
Tgt Ion: 88 Resp: 9576

Ion Ratio Lower Upper

88 100

43 38.1 28.6 42.8

58 64.3 55.2 82.8



#50

Toluene-d8

Concen: 53.776 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY013222.D

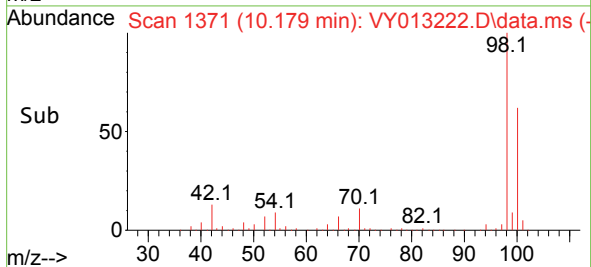
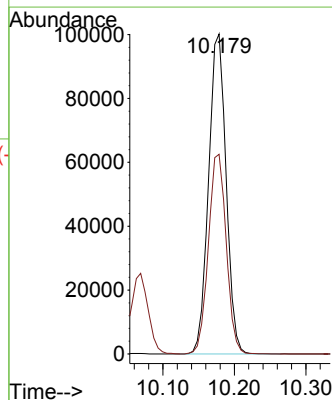
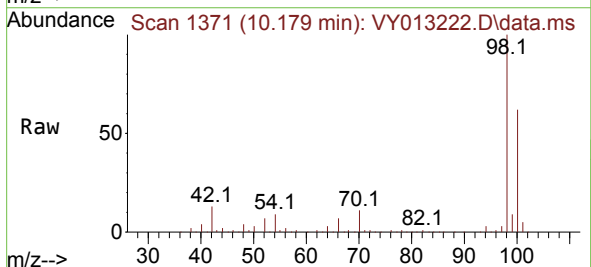
Acq: 07 Apr 2023 18:07

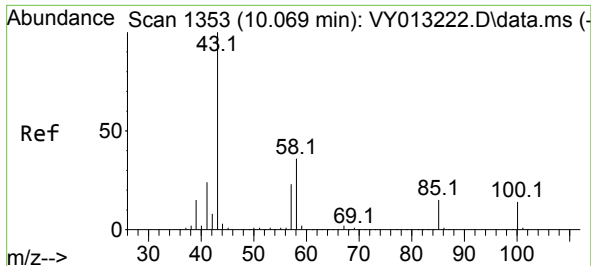
Tgt Ion: 98 Resp: 170337

Ion Ratio Lower Upper

98 100

100 63.7 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 365.665 ug/l

RT: 10.069 min Scan# 1353

Delta R.T. 0.000 min

Lab File: VY013222.D

Acq: 07 Apr 2023 18:07

Instrument :

MSVOA_Y

ClientSampleId :

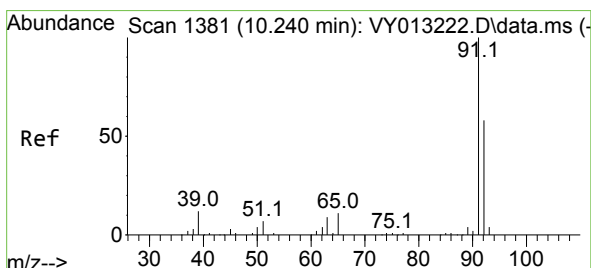
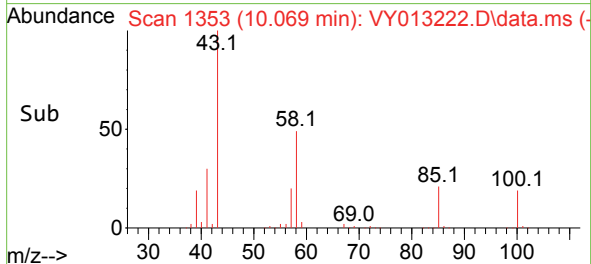
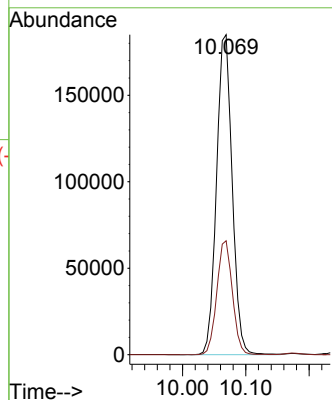
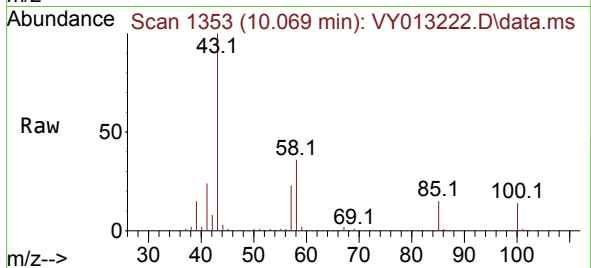
VSTDICCC050

Tgt Ion: 43 Resp: 316983

Ion Ratio Lower Upper

43 100

58 35.4 29.8 44.6



#52

Toluene

Concen: 54.577 ug/l

RT: 10.240 min Scan# 1381

Delta R.T. 0.000 min

Lab File: VY013222.D

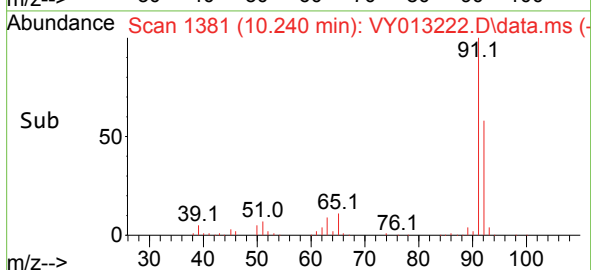
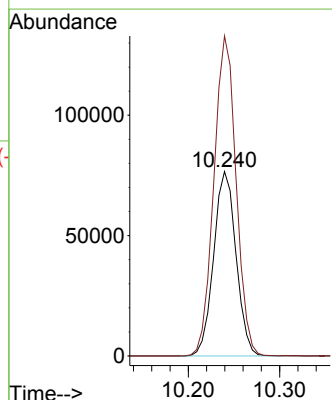
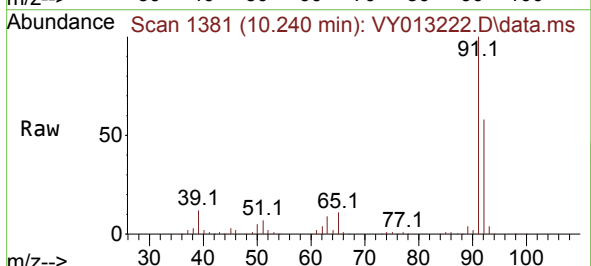
Acq: 07 Apr 2023 18:07

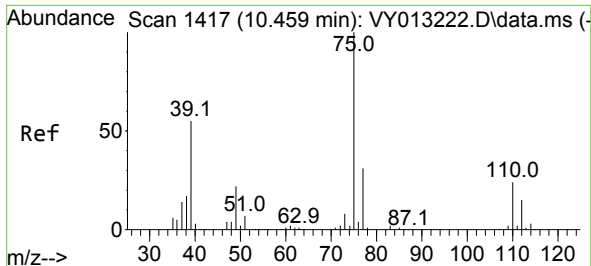
Tgt Ion: 92 Resp: 130199

Ion Ratio Lower Upper

92 100

91 172.9 141.3 211.9

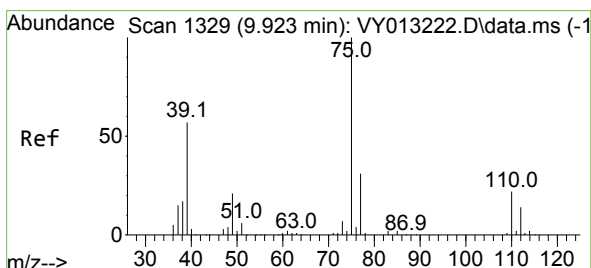
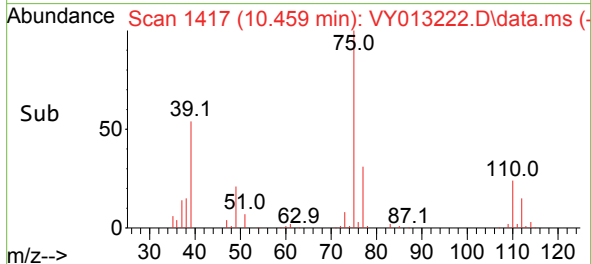
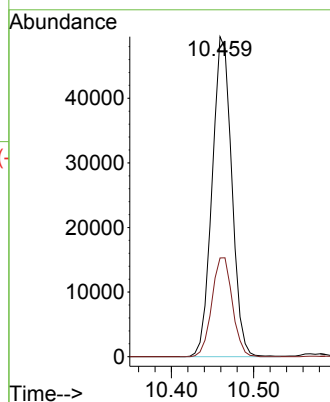
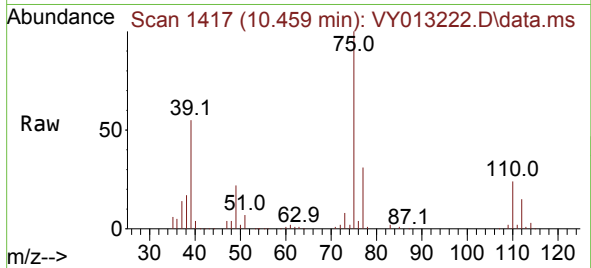




#53
t-1,3-Dichloropropene
Concen: 56.467 ug/l
RT: 10.459 min Scan# 1417
Delta R.T. 0.000 min
Lab File: VY013222.D
Acq: 07 Apr 2023 18:07

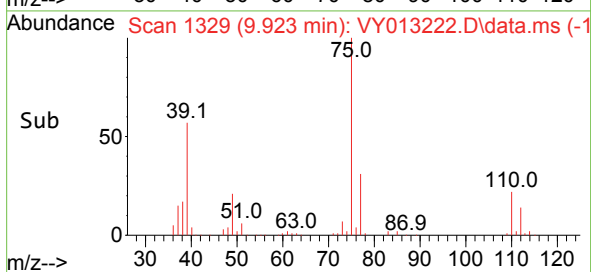
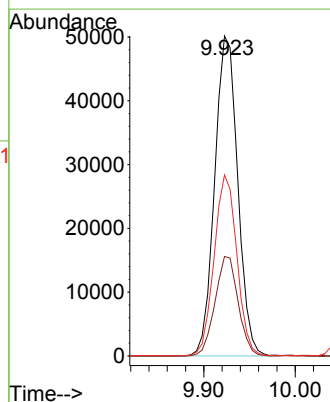
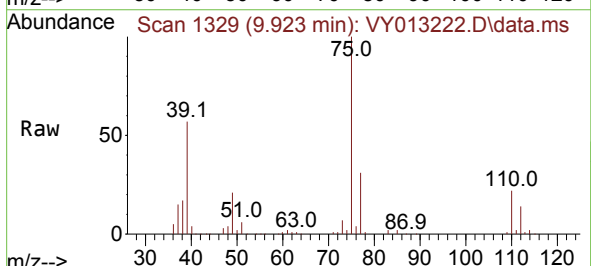
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

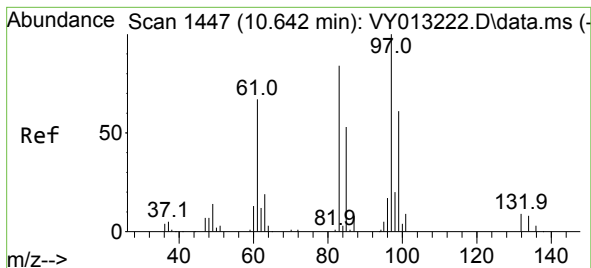
Tgt Ion: 75 Resp: 82116
Ion Ratio Lower Upper
75 100
77 30.9 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 57.054 ug/l
RT: 9.923 min Scan# 1329
Delta R.T. 0.000 min
Lab File: VY013222.D
Acq: 07 Apr 2023 18:07

Tgt Ion: 75 Resp: 87868
Ion Ratio Lower Upper
75 100
77 31.1 25.4 38.0
39 56.5 39.0 58.4





#55

1,1,2-Trichloroethane

Concen: 57.304 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. 0.000 min

Lab File: VY013222.D

Acq: 07 Apr 2023 18:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tgt Ion: 97 Resp: 45179

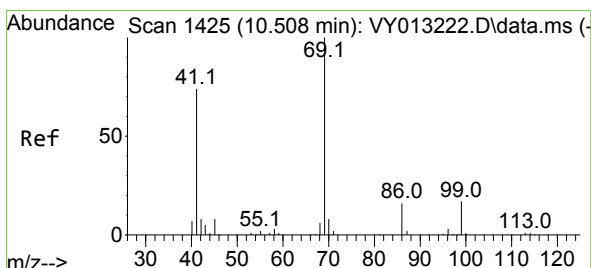
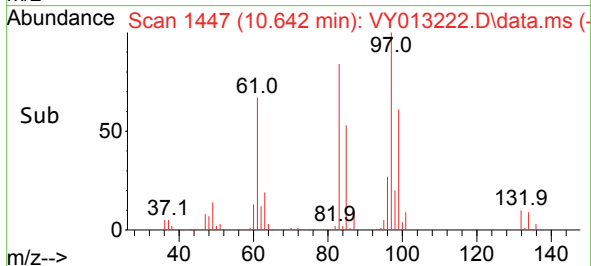
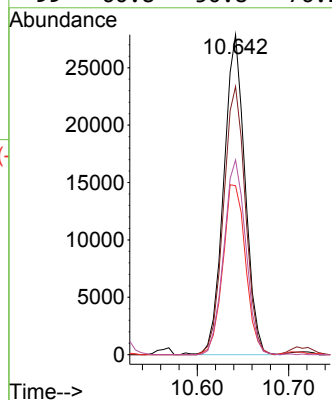
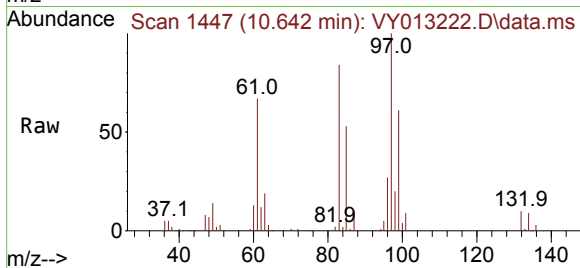
Ion Ratio Lower Upper

97 100

83 83.8 69.0 103.6

85 52.8 44.9 67.3

99 60.8 50.8 76.2



#56

Ethyl methacrylate

Concen: 62.695 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. 0.000 min

Lab File: VY013222.D

Acq: 07 Apr 2023 18:07

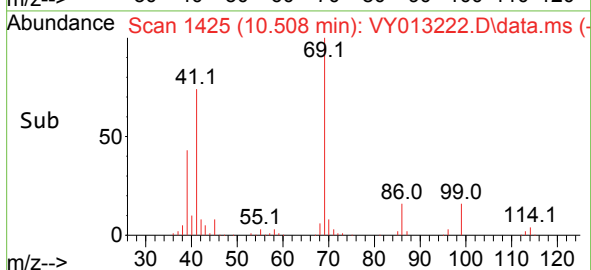
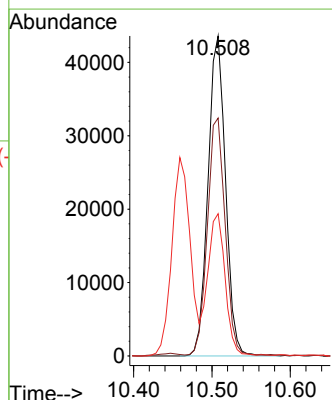
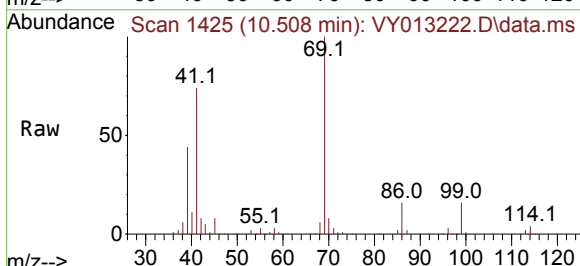
Tgt Ion: 69 Resp: 67693

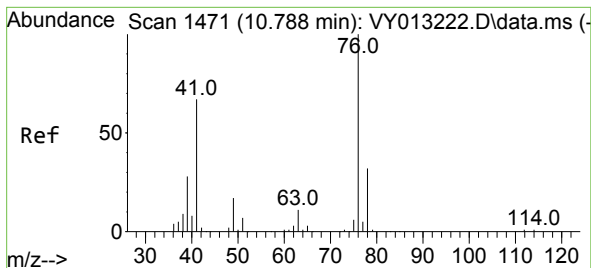
Ion Ratio Lower Upper

69 100

41 74.5 56.4 84.6

39 43.9 30.8 46.2





#57

1,3-Dichloropropane

Concen: 58.616 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY013222.D

Acq: 07 Apr 2023 18:07

Instrument :

MSVOA_Y

ClientSampleId :

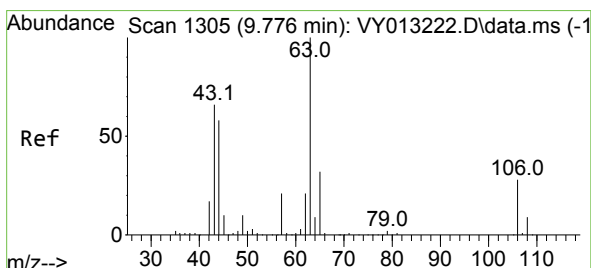
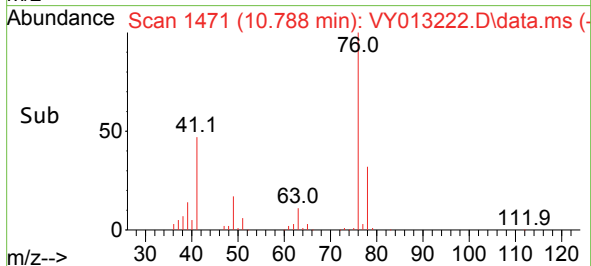
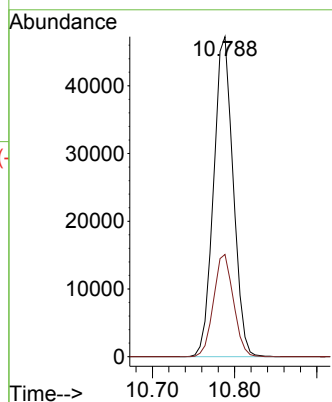
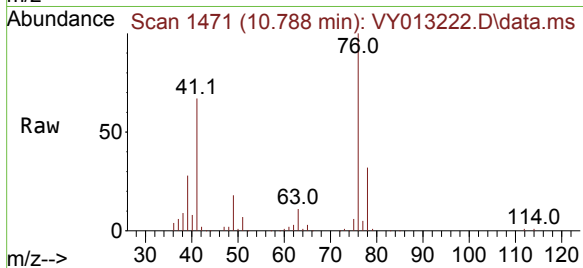
VSTDICCC050

Tgt Ion: 76 Resp: 77981

Ion Ratio Lower Upper

76 100

78 32.5 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 322.355 ug/l

RT: 9.776 min Scan# 1305

Delta R.T. 0.000 min

Lab File: VY013222.D

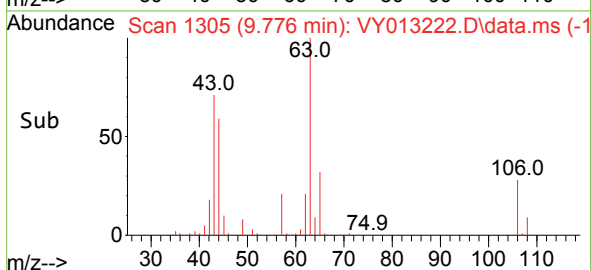
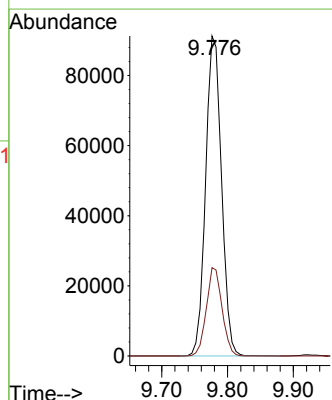
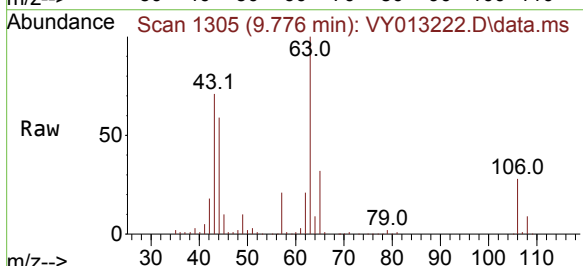
Acq: 07 Apr 2023 18:07

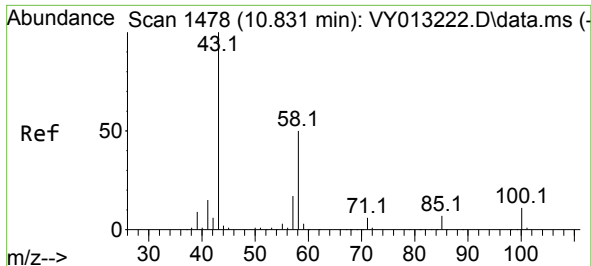
Tgt Ion: 63 Resp: 153224

Ion Ratio Lower Upper

63 100

106 27.2 22.1 33.1

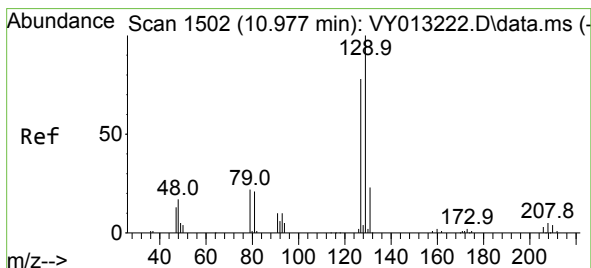
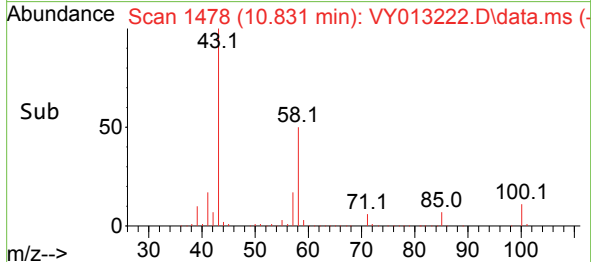
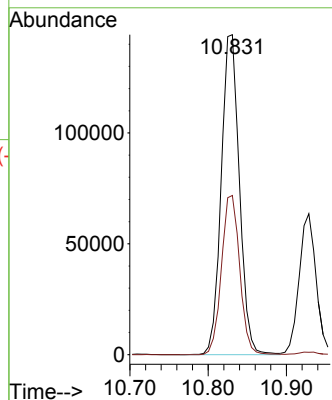
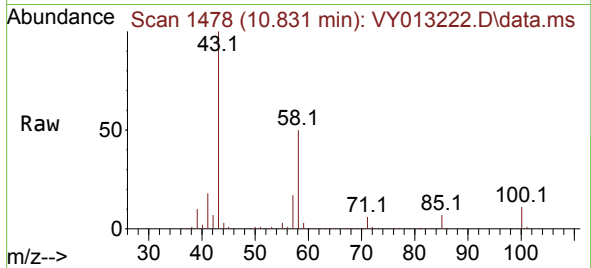




#59
2-Hexanone
Concen: 364.600 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY013222.D
Acq: 07 Apr 2023 18:07

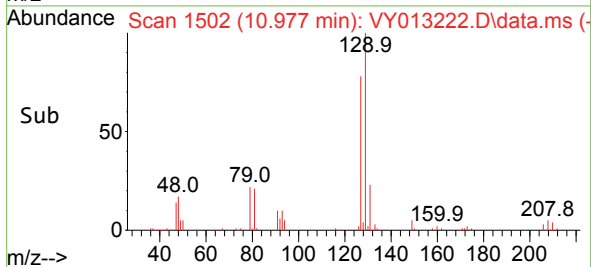
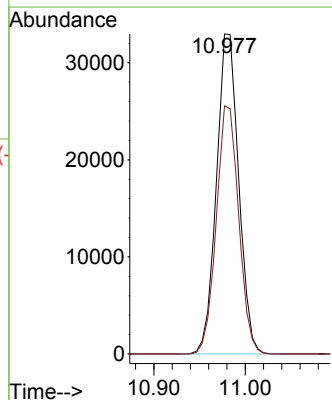
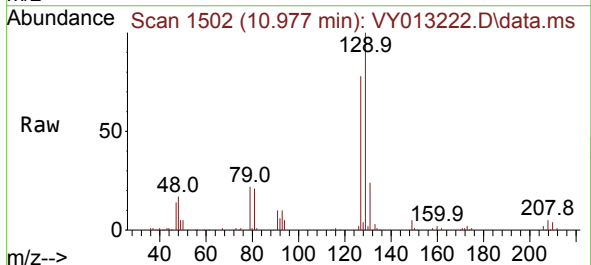
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

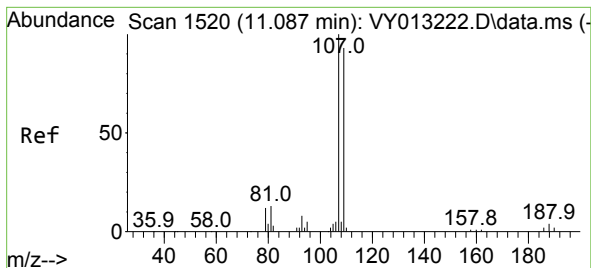
Tgt Ion: 43 Resp: 233271
Ion Ratio Lower Upper
43 100
58 50.0 25.9 77.8



#60
Dibromochloromethane
Concen: 54.453 ug/l
RT: 10.977 min Scan# 1502
Delta R.T. 0.000 min
Lab File: VY013222.D
Acq: 07 Apr 2023 18:07

Tgt Ion:129 Resp: 55734
Ion Ratio Lower Upper
129 100
127 78.1 38.7 116.1

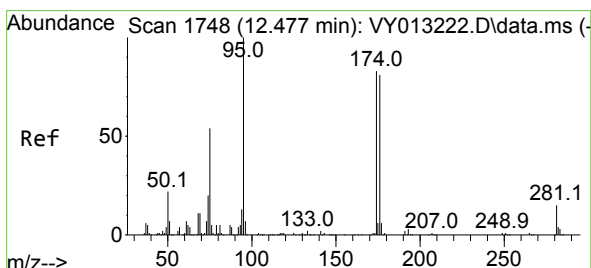
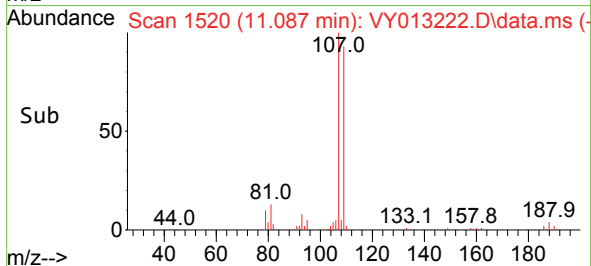
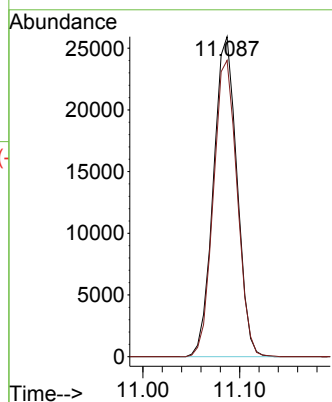
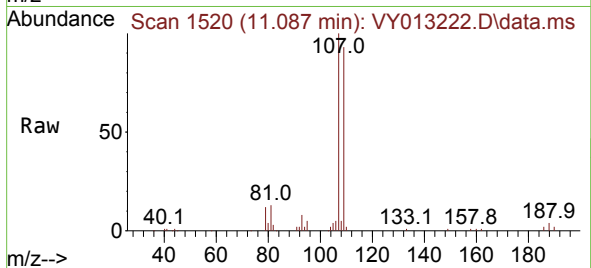




#61
 1,2-Dibromoethane
 Concen: 55.599 ug/l
 RT: 11.087 min Scan# 1520
 Delta R.T. 0.000 min
 Lab File: VY013222.D
 Acq: 07 Apr 2023 18:07

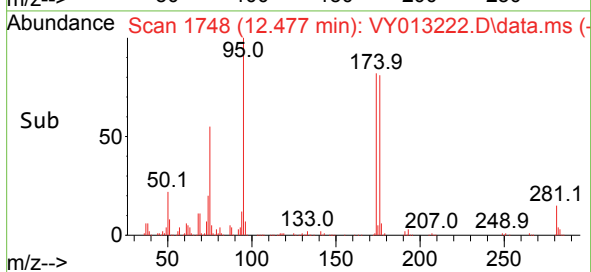
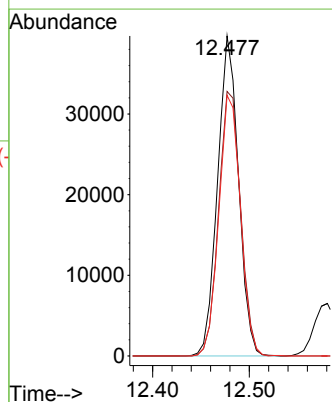
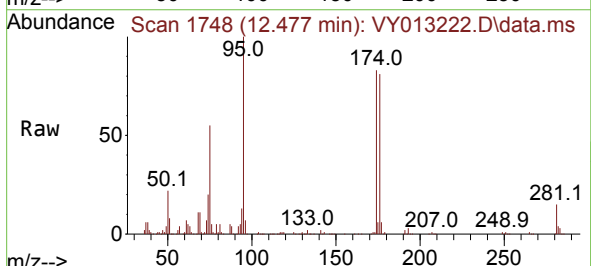
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

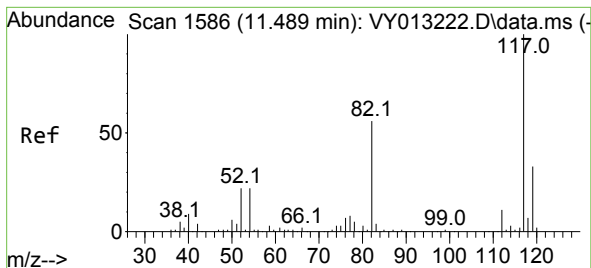
Tgt Ion:107 Resp: 43816
 Ion Ratio Lower Upper
 107 100
 109 93.3 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 54.632 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. 0.000 min
 Lab File: VY013222.D
 Acq: 07 Apr 2023 18:07

Tgt Ion: 95 Resp: 59552
 Ion Ratio Lower Upper
 95 100
 174 86.9 0.0 176.6
 176 84.3 0.0 170.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY013222.D

Acq: 07 Apr 2023 18:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

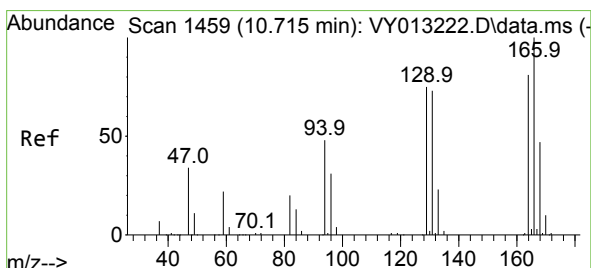
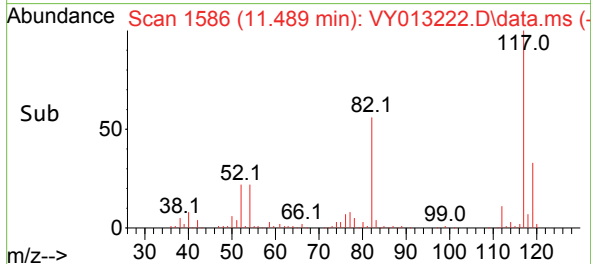
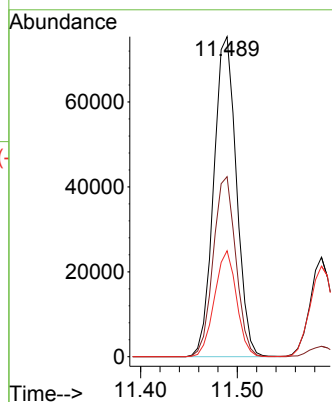
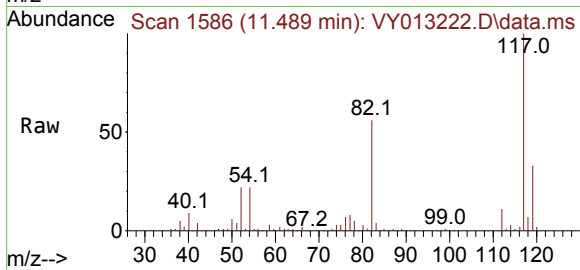
Tgt Ion:117 Resp: 122699

Ion Ratio Lower Upper

117 100

82 56.2 45.4 68.0

119 33.1 25.6 38.4



#64

Tetrachloroethene

Concen: 45.815 ug/l

RT: 10.715 min Scan# 1459

Delta R.T. 0.000 min

Lab File: VY013222.D

Acq: 07 Apr 2023 18:07

Tgt Ion:164 Resp: 44679

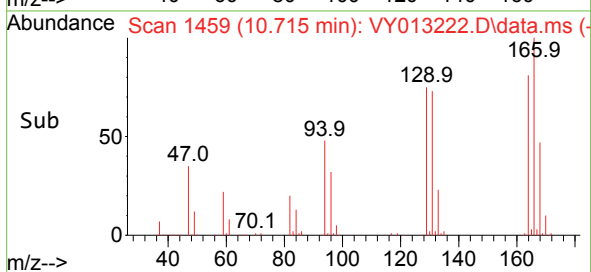
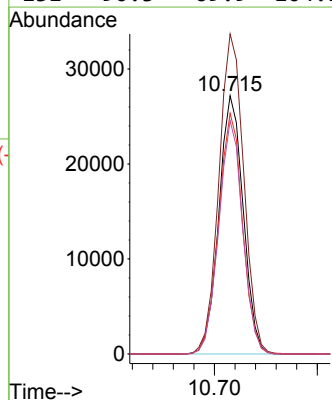
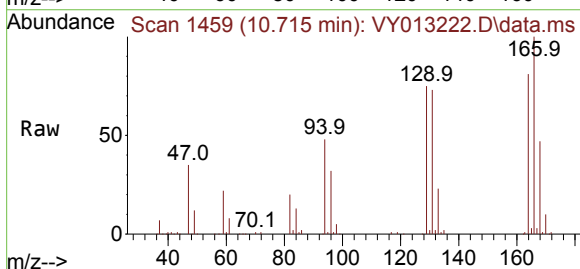
Ion Ratio Lower Upper

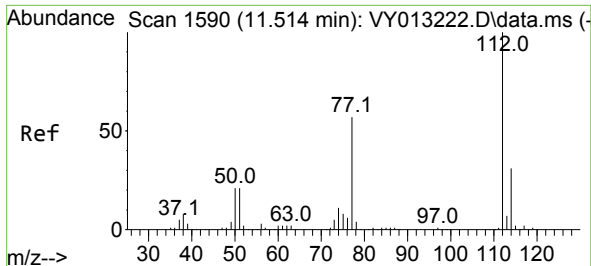
164 100

166 123.9 103.4 155.2

129 93.2 71.4 107.2

131 90.3 69.9 104.9

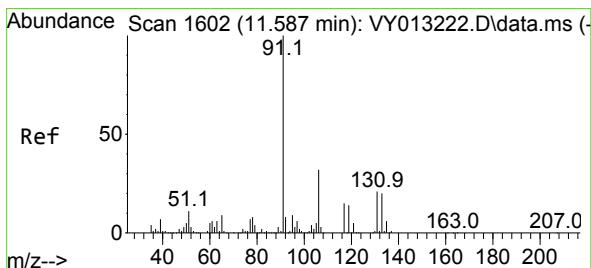
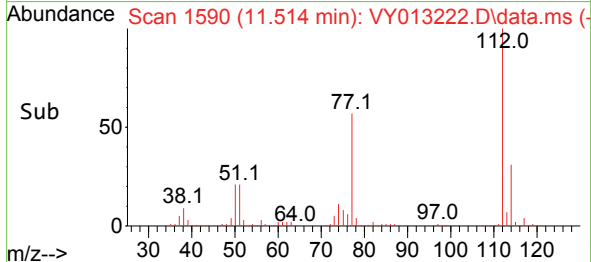
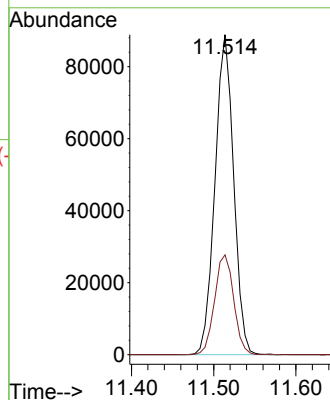
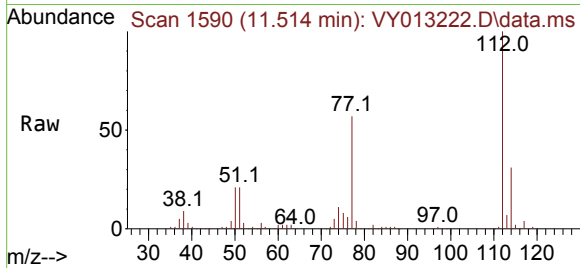




#65
Chlorobenzene
Concen: 51.599 ug/l
RT: 11.514 min Scan# 1117
Delta R.T. 0.000 min
Lab File: VY013222.D
Acq: 07 Apr 2023 18:07

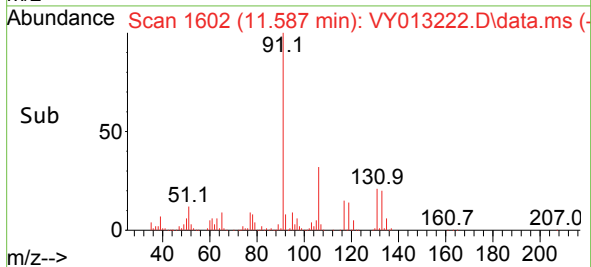
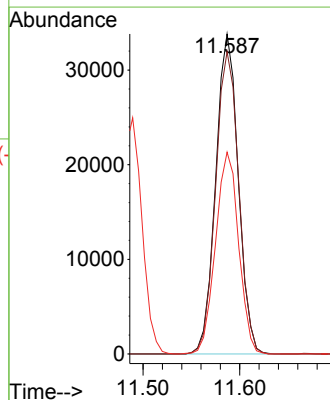
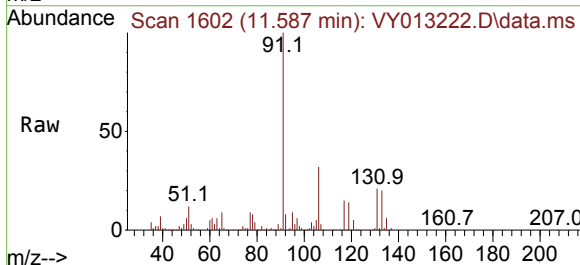
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

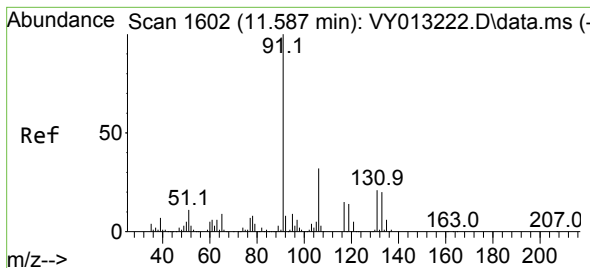
Tgt Ion:112 Resp: 140117
Ion Ratio Lower Upper
112 100
114 31.2 24.5 36.7



#66
1,1,1,2-Tetrachloroethane
Concen: 52.195 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY013222.D
Acq: 07 Apr 2023 18:07

Tgt Ion:131 Resp: 54703
Ion Ratio Lower Upper
131 100
133 96.7 48.0 144.0
119 64.6 32.6 98.0





#67

Ethyl Benzene

Concen: 53.247 ug/l

RT: 11.587 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY013222.D

Acq: 07 Apr 2023 18:07

Instrument :

MSVOA_Y

ClientSampleId :

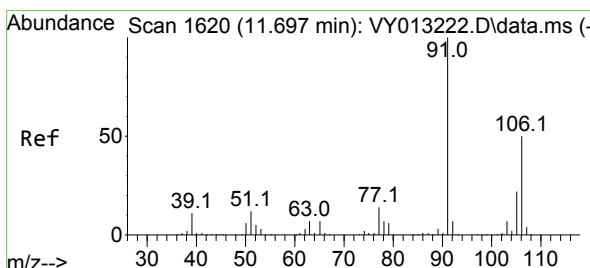
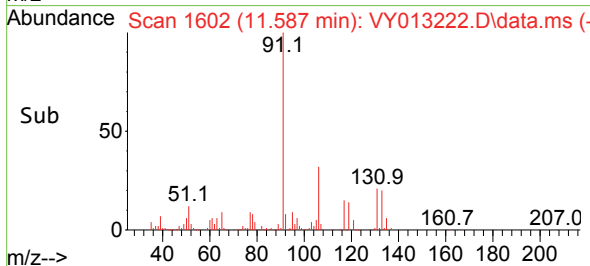
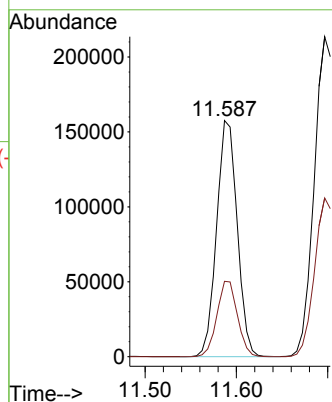
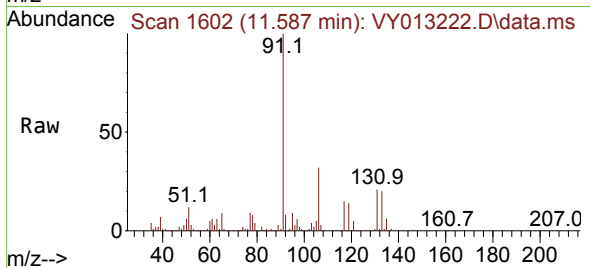
VSTDICCC050

Tgt Ion: 91 Resp: 246915

Ion Ratio Lower Upper

91 100

106 31.9 25.1 37.7



#68

m/p-Xylenes

Concen: 104.732 ug/l

RT: 11.697 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VY013222.D

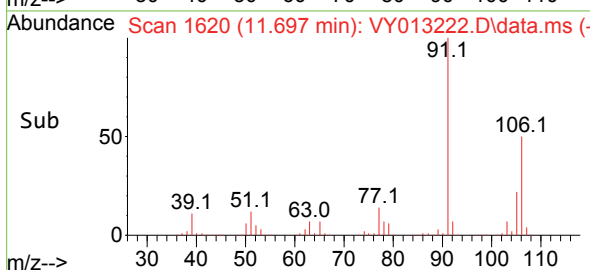
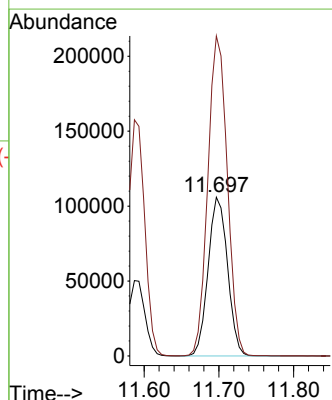
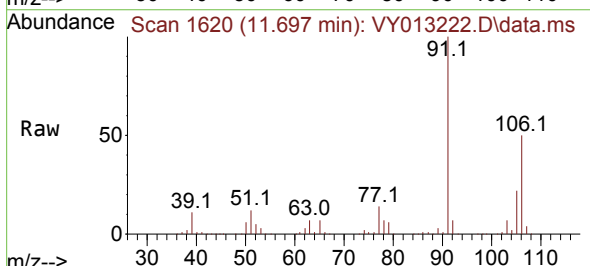
Acq: 07 Apr 2023 18:07

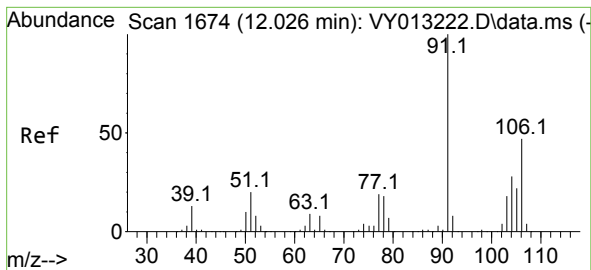
Tgt Ion:106 Resp: 191050

Ion Ratio Lower Upper

106 100

91 202.0 159.8 239.8





#69

o-Xylene

Concen: 52.564 ug/l

RT: 12.026 min Scan# 1674

Delta R.T. 0.000 min

Lab File: VY013222.D

Acq: 07 Apr 2023 18:07

Instrument :

MSVOA_Y

ClientSampleId :

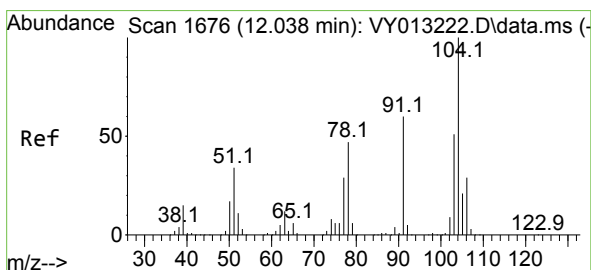
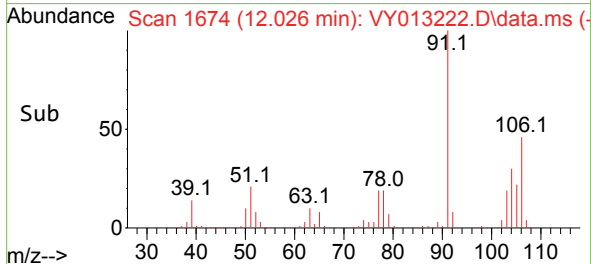
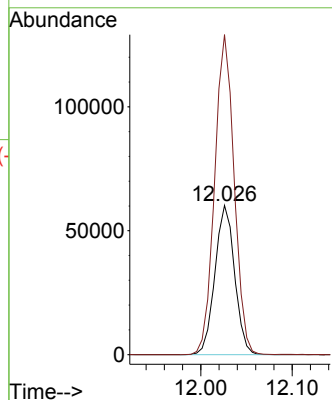
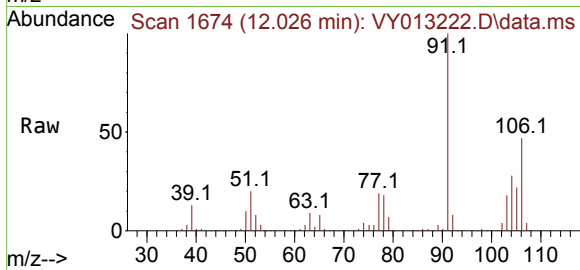
VSTDICCC050

Tgt Ion:106 Resp: 90101

Ion Ratio Lower Upper

106 100

91 213.1 107.2 321.6



#70

Styrene

Concen: 54.406 ug/l

RT: 12.038 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VY013222.D

Acq: 07 Apr 2023 18:07

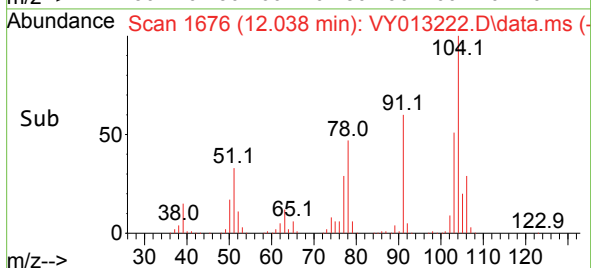
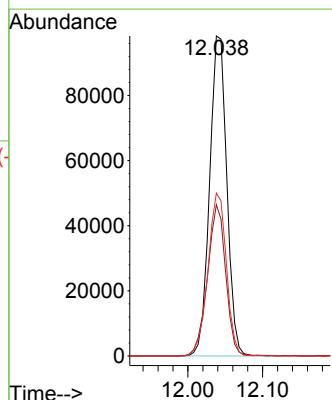
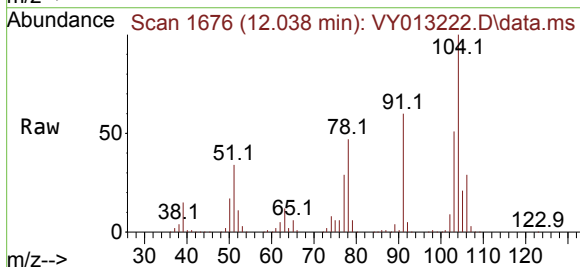
Tgt Ion:104 Resp: 157584

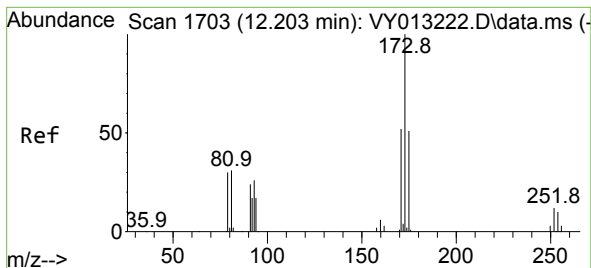
Ion Ratio Lower Upper

104 100

78 49.9 39.2 58.8

103 54.5 43.7 65.5





#71

Bromoform

Concen: 53.845 ug/l

RT: 12.203 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY013222.D

Acq: 07 Apr 2023 18:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

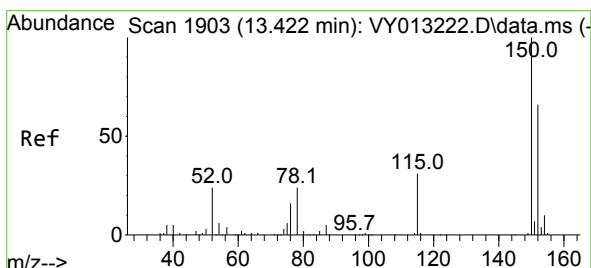
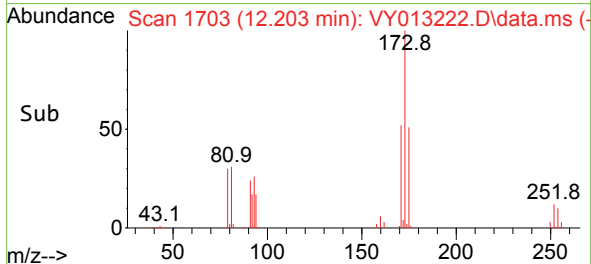
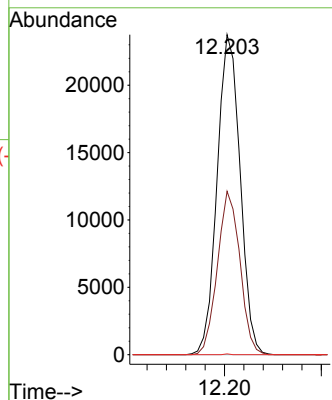
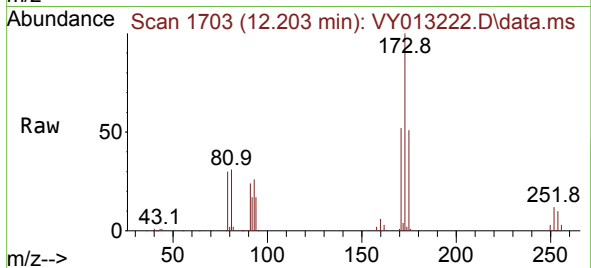
Tgt Ion:173 Resp: 39117

Ion Ratio Lower Upper

173 100

175 50.0 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: VY013222.D

Acq: 07 Apr 2023 18:07

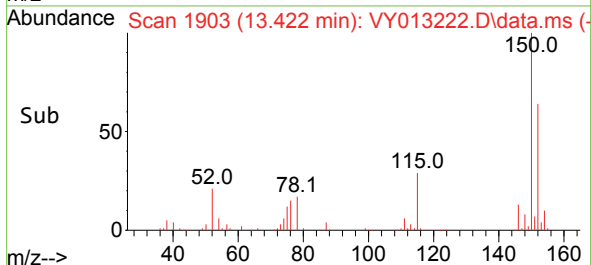
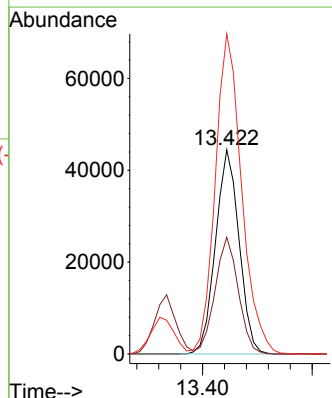
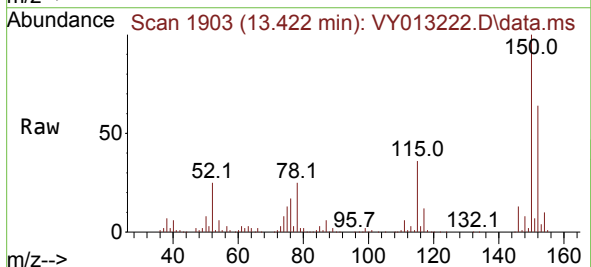
Tgt Ion:152 Resp: 66274

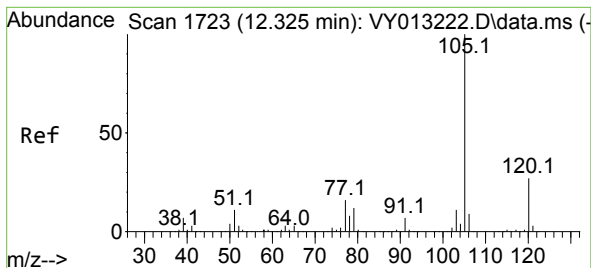
Ion Ratio Lower Upper

152 100

115 56.6 27.1 81.3

150 176.0 0.0 347.8





#73

Isopropylbenzene

Concen: 52.038 ug/l

RT: 12.325 min Scan# 1723

Delta R.T. 0.000 min

Lab File: VY013222.D

Acq: 07 Apr 2023 18:07

Instrument :

MSVOA_Y

ClientSampleId :

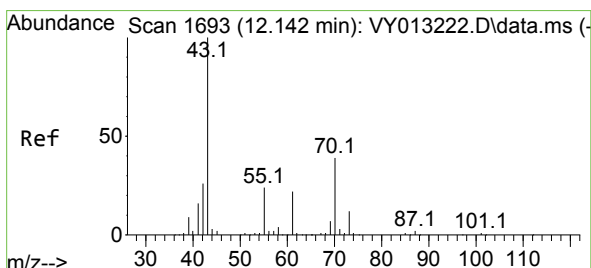
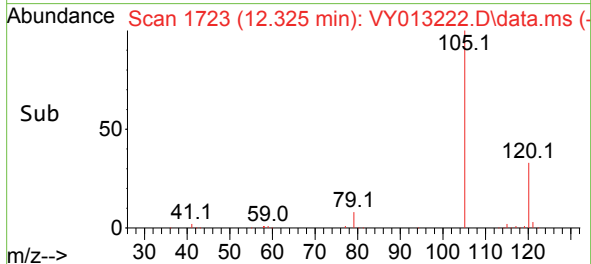
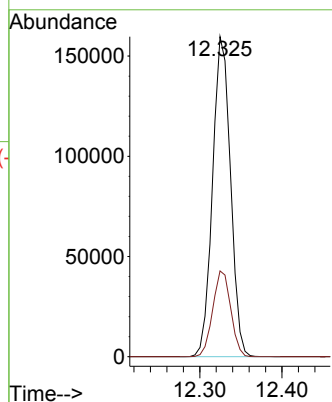
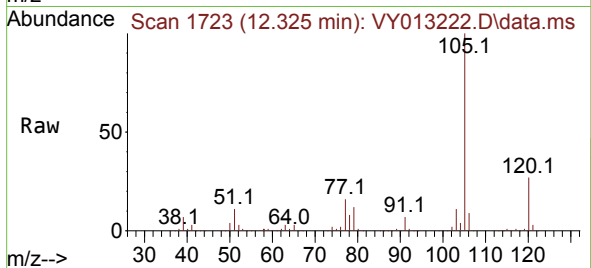
VSTDICCC050

Tgt Ion:105 Resp: 242102

Ion Ratio Lower Upper

105 100

120 26.8 13.4 40.2



#74

N-ethyl acetate

Concen: 68.112 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. 0.000 min

Lab File: VY013222.D

Acq: 07 Apr 2023 18:07

Tgt Ion: 43 Resp: 97367

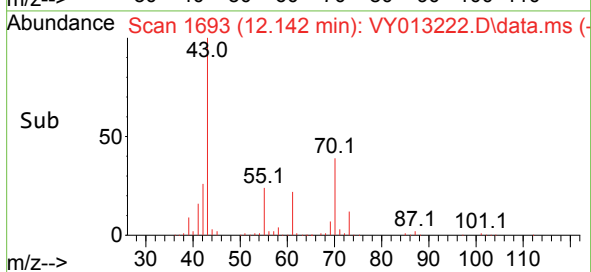
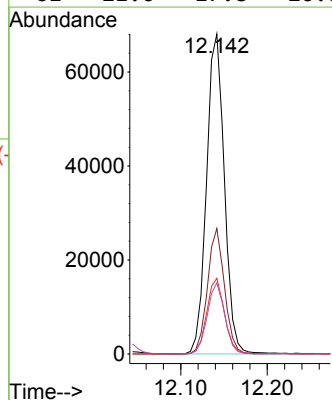
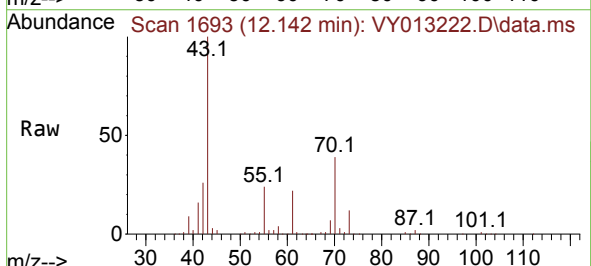
Ion Ratio Lower Upper

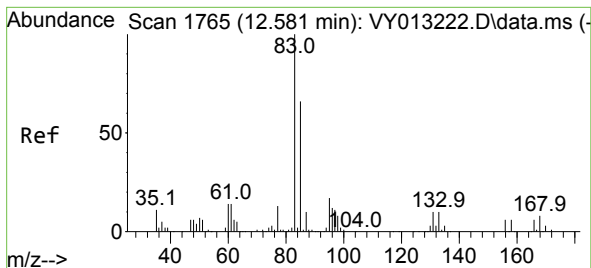
43 100

70 37.6 31.6 47.4

55 23.5 18.8 28.2

61 21.6 17.8 26.8





#75

1,1,2,2-Tetrachloroethane

Concen: 59.885 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. 0.000 min

Lab File: VY013222.D

Acq: 07 Apr 2023 18:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

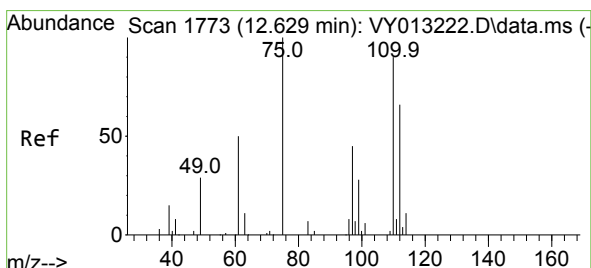
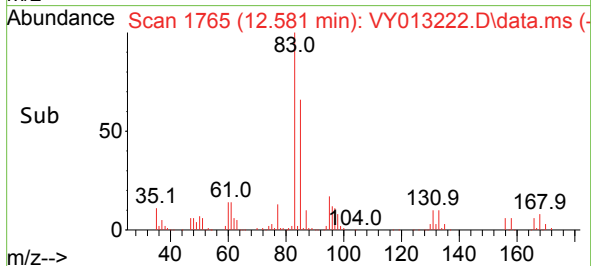
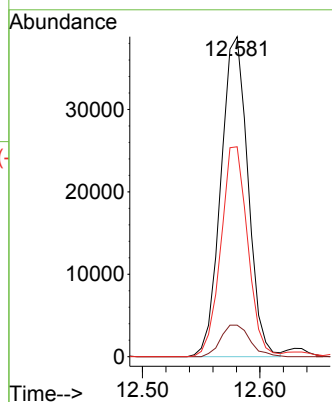
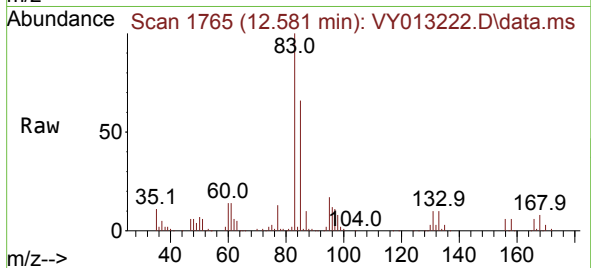
Tgt Ion: 83 Resp: 62270

Ion Ratio Lower Upper

83 100

131 10.7 5.1 15.2

85 65.0 31.8 95.3



#76

1,2,3-Trichloropropane

Concen: 106.756 ug/l

RT: 12.629 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY013222.D

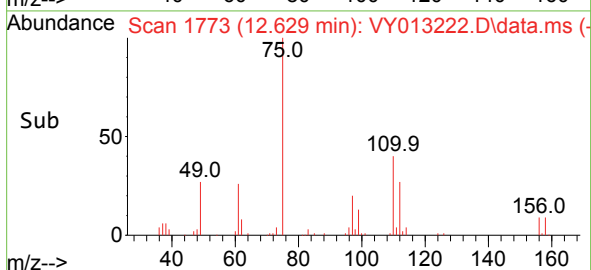
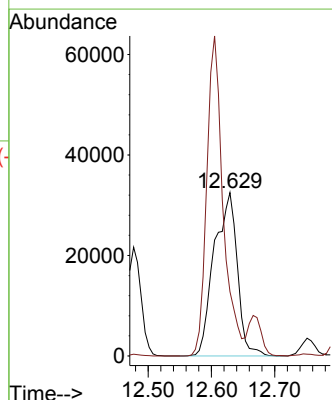
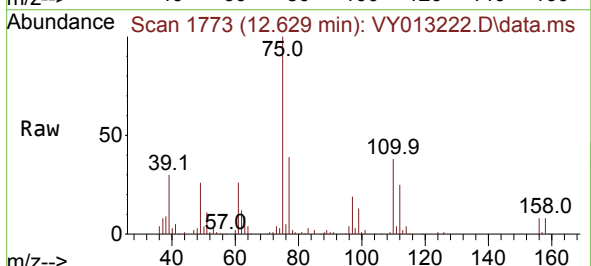
Acq: 07 Apr 2023 18:07

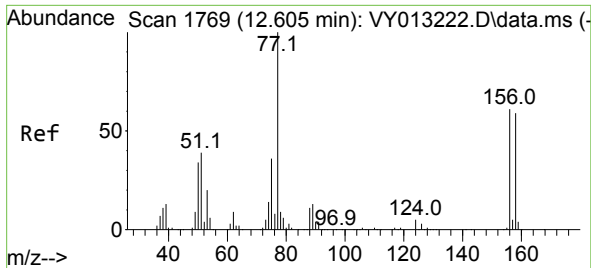
Tgt Ion: 75 Resp: 82456

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

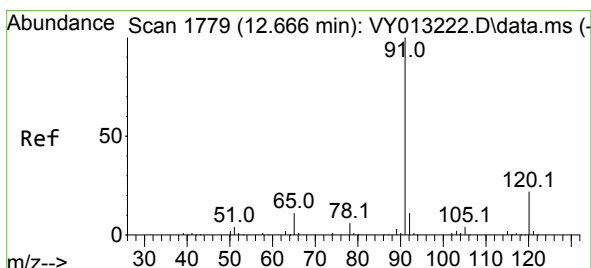
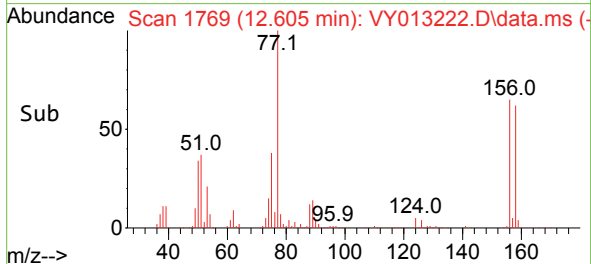
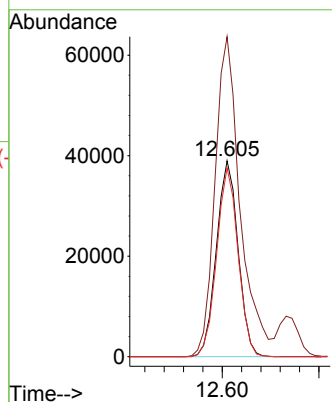
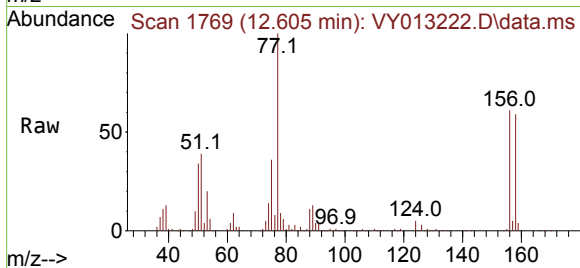




#77
Bromobenzene
Concen: 50.782 ug/l
RT: 12.605 min Scan# 1769
Delta R.T. 0.000 min
Lab File: VY013222.D
Acq: 07 Apr 2023 18:07

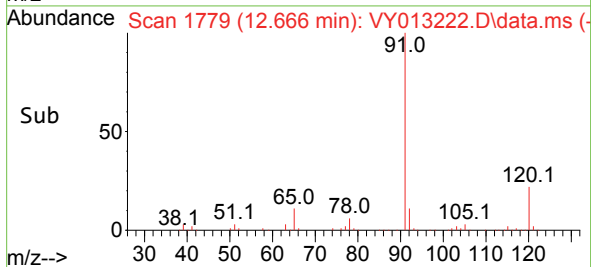
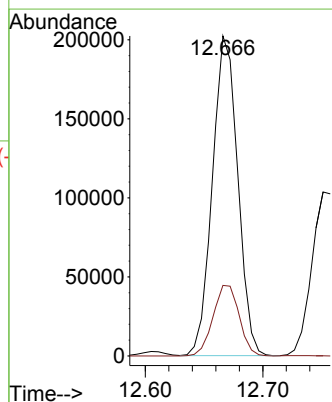
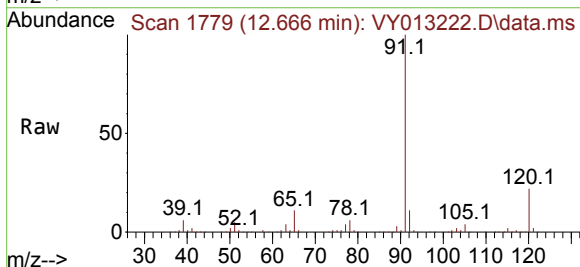
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

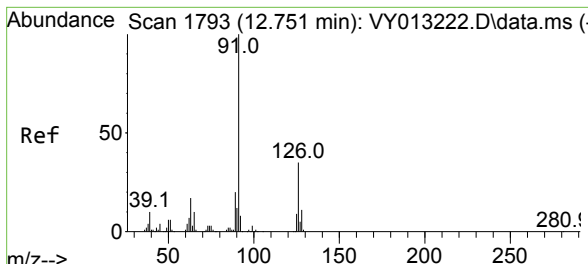
Tgt Ion:156 Resp: 60680
Ion Ratio Lower Upper
156 100
77 188.2 94.0 282.1
158 94.8 48.1 144.4



#78
n-propylbenzene
Concen: 54.379 ug/l
RT: 12.666 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VY013222.D
Acq: 07 Apr 2023 18:07

Tgt Ion: 91 Resp: 303092
Ion Ratio Lower Upper
91 100
120 22.8 11.6 34.8

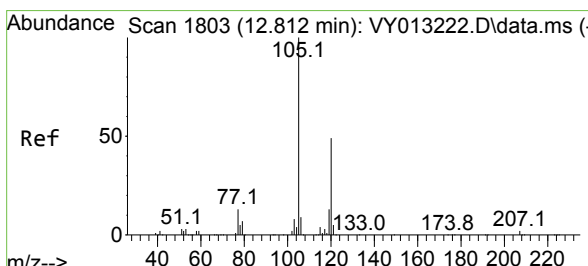
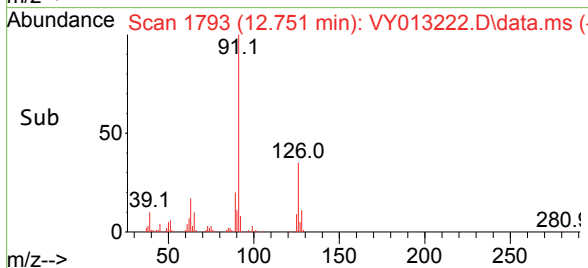
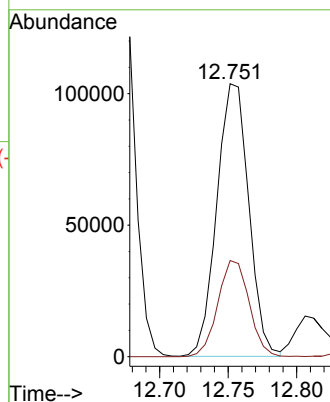
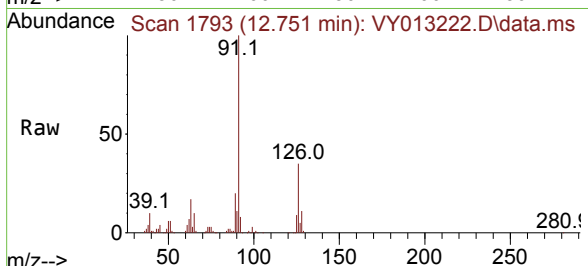




#79
2-Chlorotoluene
Concen: 53.264 ug/l
RT: 12.751 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VY013222.D
Acq: 07 Apr 2023 18:07

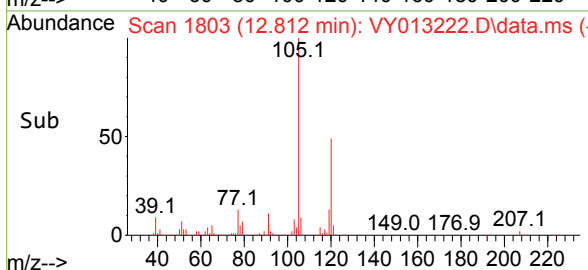
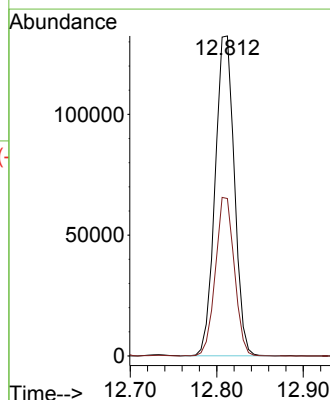
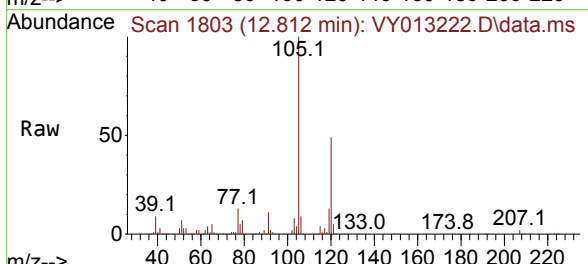
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

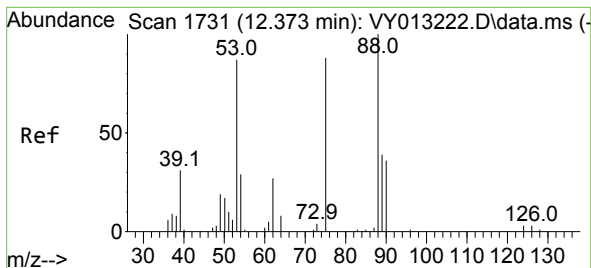
Tgt Ion: 91 Resp: 168569
Ion Ratio Lower Upper
91 100
126 34.5 17.4 52.2



#80
1,3,5-Trimethylbenzene
Concen: 52.008 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY013222.D
Acq: 07 Apr 2023 18:07

Tgt Ion: 105 Resp: 204059
Ion Ratio Lower Upper
105 100
120 48.9 24.8 74.4

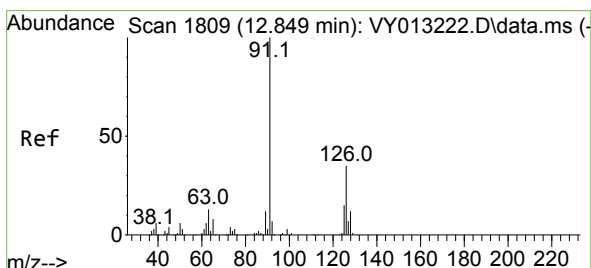
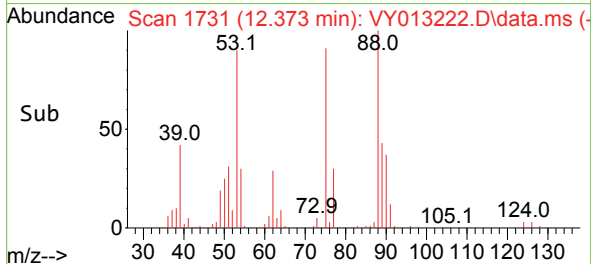
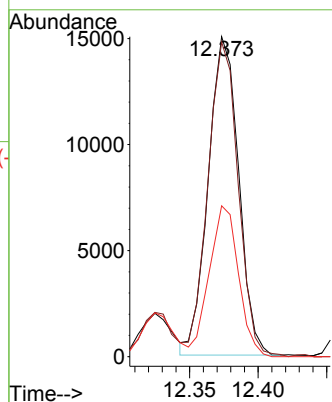
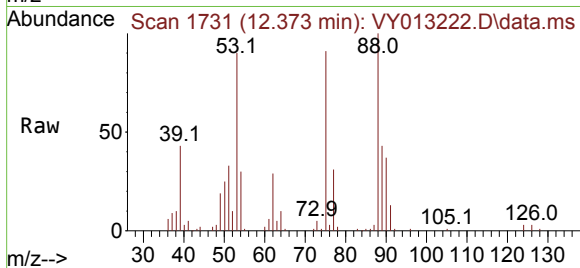




#81
trans-1,4-Dichloro-2-butene
Concen: 62.032 ug/l
RT: 12.373 min Scan# 1731
Delta R.T. 0.000 min
Lab File: VY013222.D
Acq: 07 Apr 2023 18:07

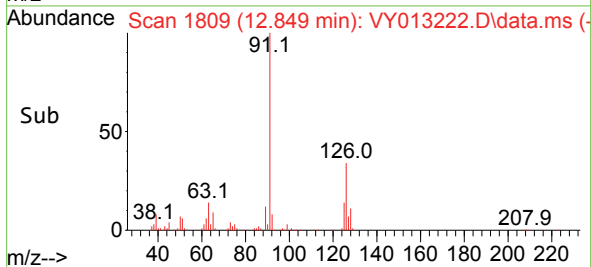
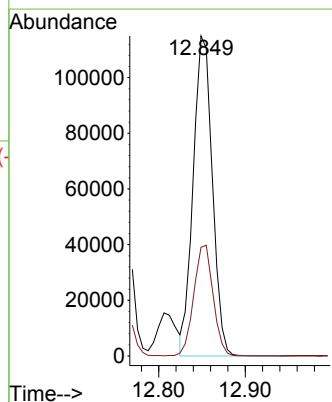
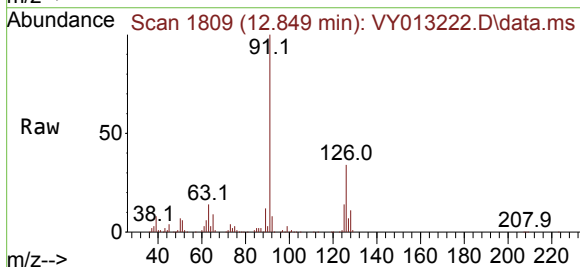
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

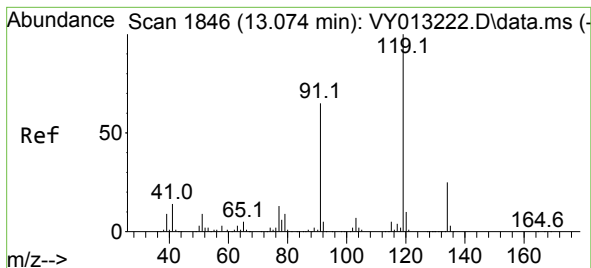
Tgt Ion: 75 Resp: 23130
Ion Ratio Lower Upper
75 100
53 98.8 73.4 110.0
89 45.6 36.6 55.0



#82
4-Chlorotoluene
Concen: 53.019 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. 0.000 min
Lab File: VY013222.D
Acq: 07 Apr 2023 18:07

Tgt Ion: 91 Resp: 176815
Ion Ratio Lower Upper
91 100
126 35.0 17.7 53.1





#83

tert-Butylbenzene

Concen: 51.937 ug/l

RT: 13.074 min Scan# 1846

Delta R.T. 0.000 min

Lab File: VY013222.D

Acq: 07 Apr 2023 18:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

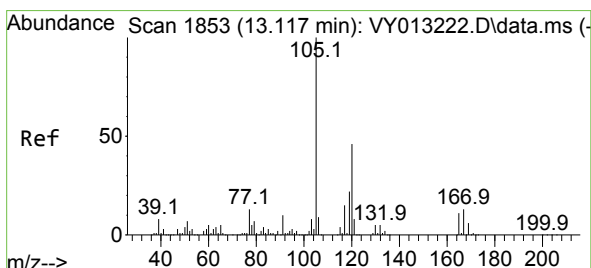
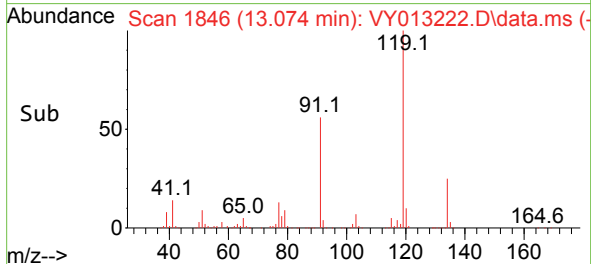
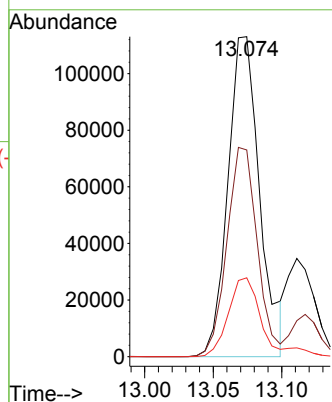
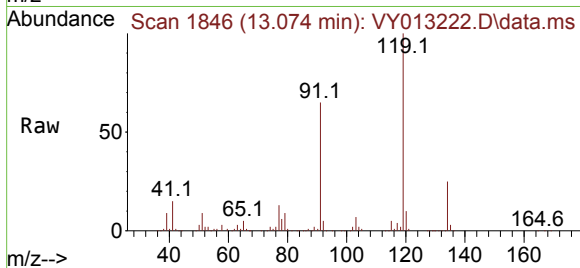
Tgt Ion:119 Resp: 182391

Ion Ratio Lower Upper

119 100

91 62.6 32.8 98.3

134 26.2 13.6 40.8



#84

1,2,4-Trimethylbenzene

Concen: 52.332 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY013222.D

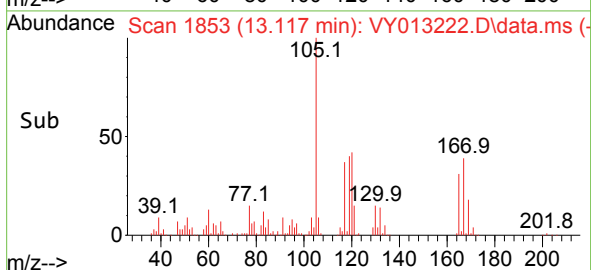
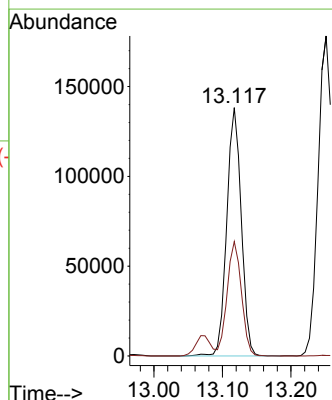
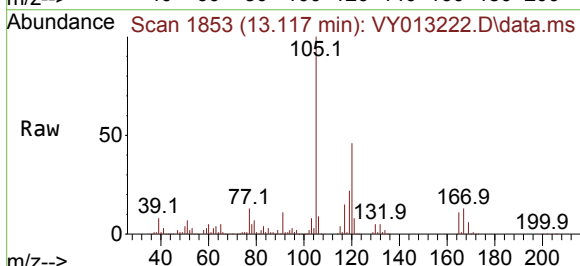
Acq: 07 Apr 2023 18:07

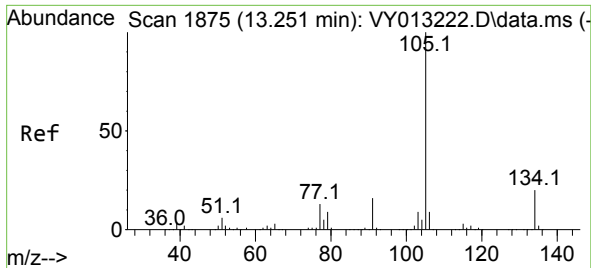
Tgt Ion:105 Resp: 202314

Ion Ratio Lower Upper

105 100

120 45.3 23.0 69.0

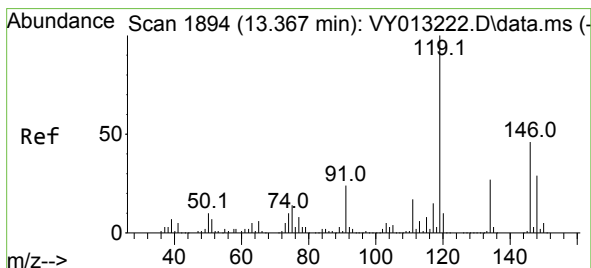
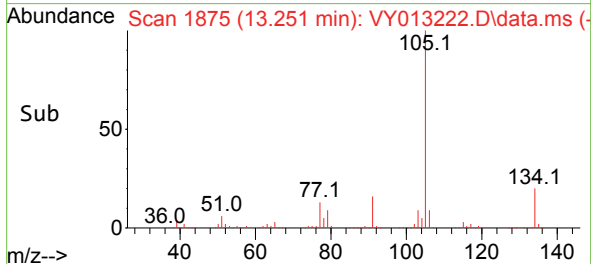
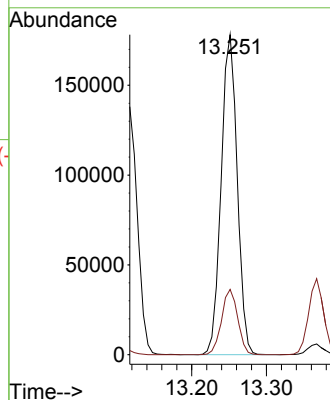
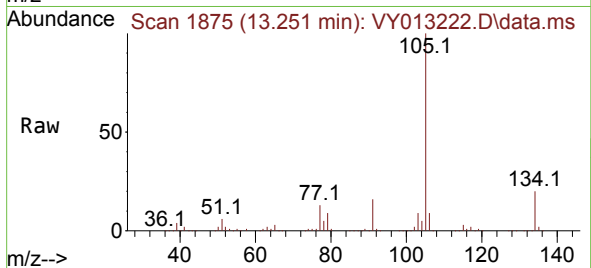




#85
 sec-Butylbenzene
 Concen: 52.885 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. 0.000 min
 Lab File: VY013222.D
 Acq: 07 Apr 2023 18:07

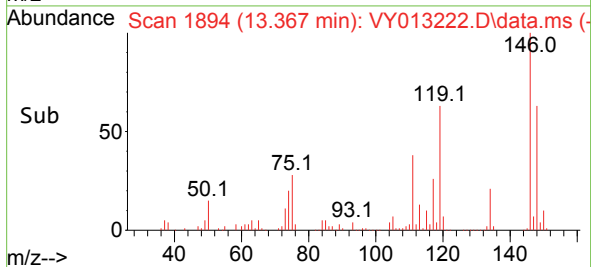
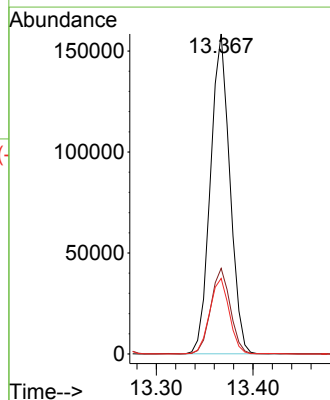
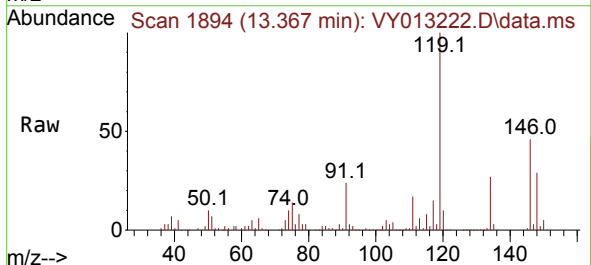
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

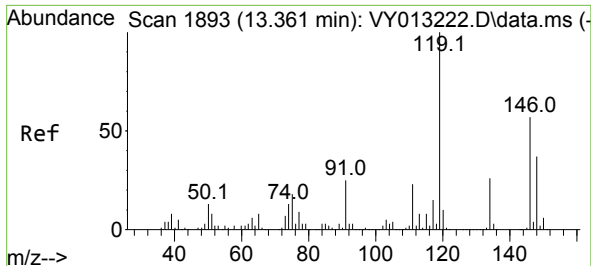
Tgt Ion:105 Resp: 266111
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 50.969 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY013222.D
 Acq: 07 Apr 2023 18:07

Tgt Ion:119 Resp: 220293
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.2 39.6
 91 23.8 11.8 35.3

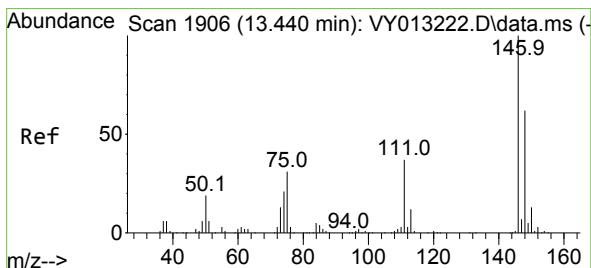
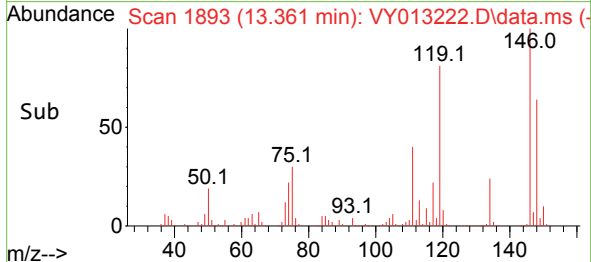
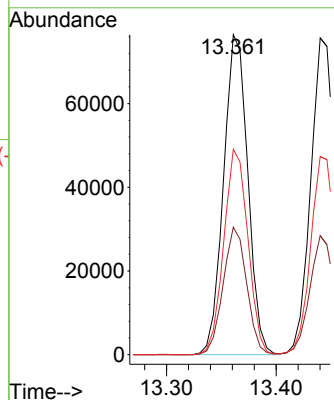
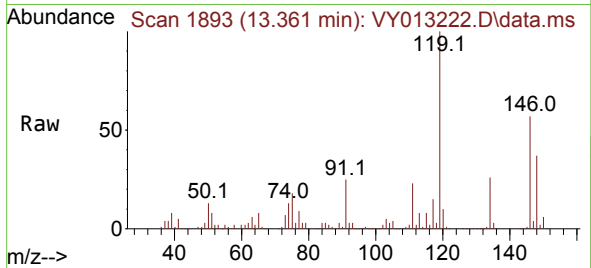




#87
 1,3-Dichlorobenzene
 Concen: 50.129 ug/l
 RT: 13.361 min Scan# 1893
 Delta R.T. 0.000 min
 Lab File: VY013222.D
 Acq: 07 Apr 2023 18:07

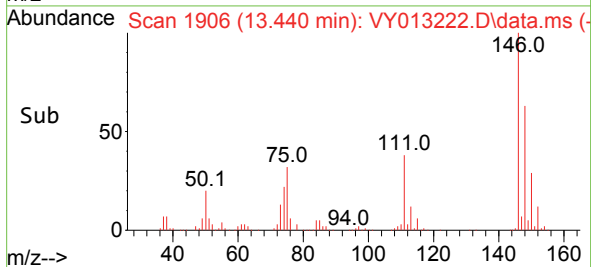
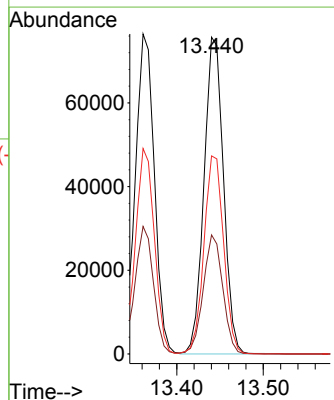
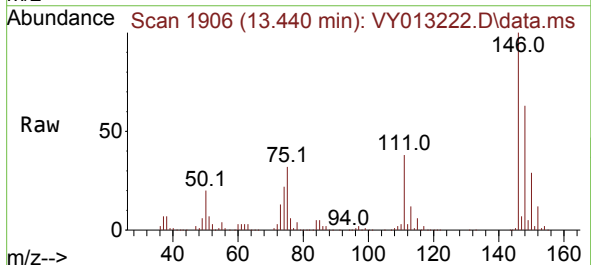
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

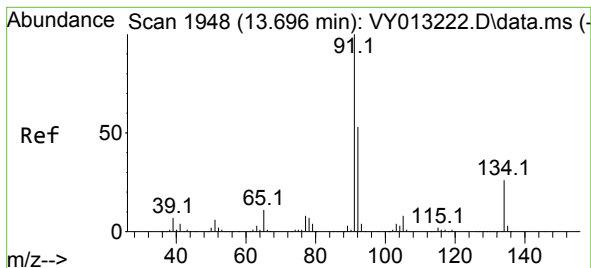
Tgt Ion:146 Resp: 117592
 Ion Ratio Lower Upper
 146 100
 111 38.7 19.1 57.5
 148 63.9 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 50.069 ug/l
 RT: 13.440 min Scan# 1906
 Delta R.T. 0.000 min
 Lab File: VY013222.D
 Acq: 07 Apr 2023 18:07

Tgt Ion:146 Resp: 118269
 Ion Ratio Lower Upper
 146 100
 111 37.9 18.6 55.8
 148 63.3 31.5 94.5





#89

n-Butylbenzene

Concen: 53.749 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY013222.D

Acq: 07 Apr 2023 18:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

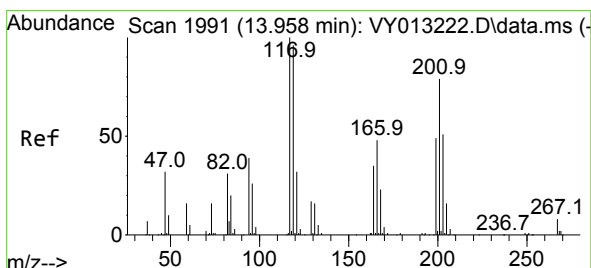
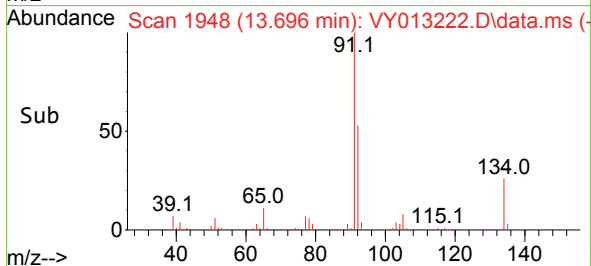
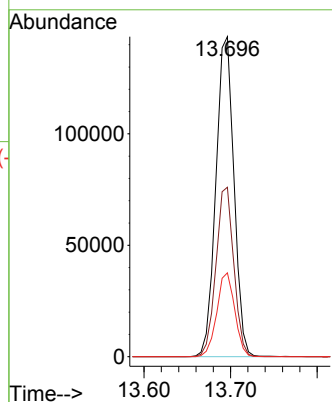
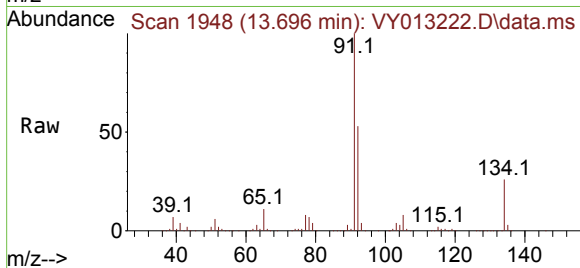
Tgt Ion: 91 Resp: 208036

Ion Ratio Lower Upper

91 100

92 52.4 26.4 79.0

134 26.0 13.0 38.9



#90

Hexachloroethane

Concen: 51.106 ug/l

RT: 13.958 min Scan# 1991

Delta R.T. 0.000 min

Lab File: VY013222.D

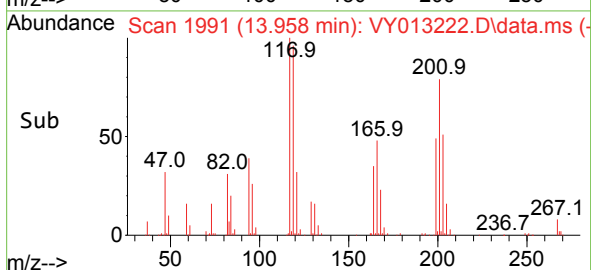
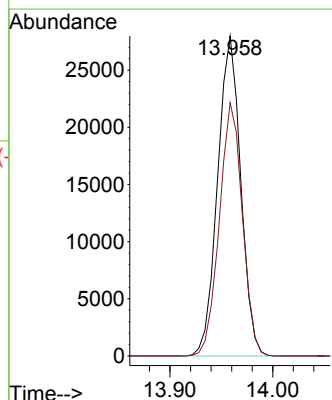
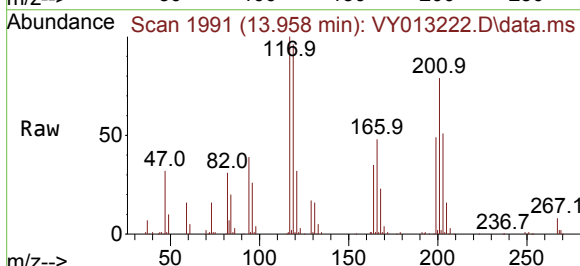
Acq: 07 Apr 2023 18:07

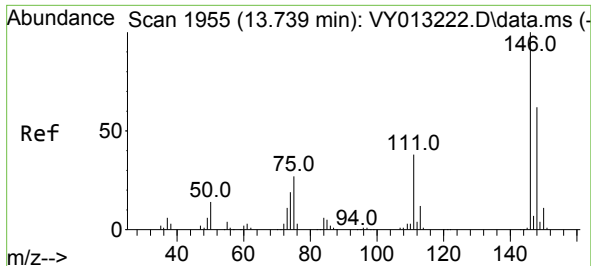
Tgt Ion: 117 Resp: 43633

Ion Ratio Lower Upper

117 100

201 78.8 39.4 118.1





#91

1,2-Dichlorobenzene

Concen: 51.009 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY013222.D

Acq: 07 Apr 2023 18:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

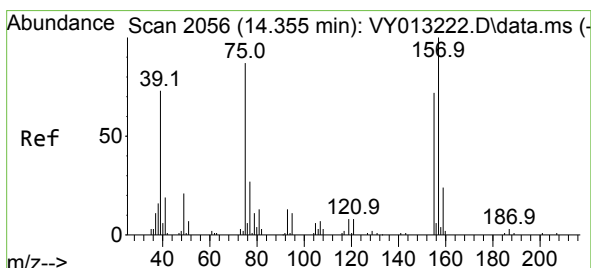
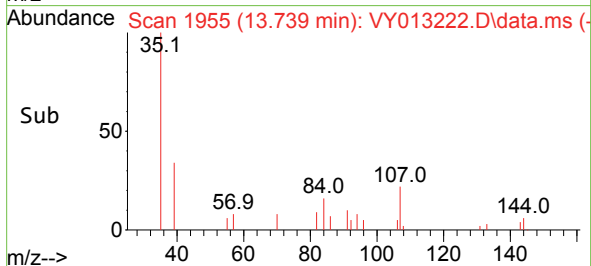
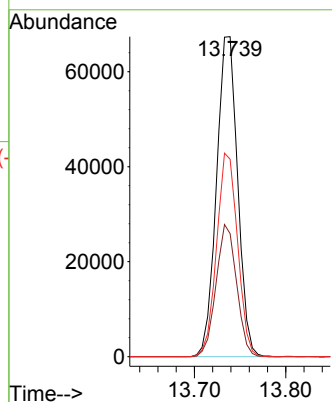
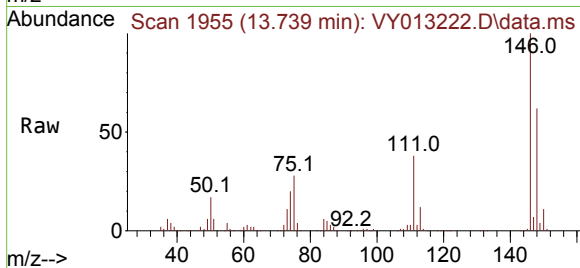
Tgt Ion:146 Resp: 108336

Ion Ratio Lower Upper

146 100

111 40.1 19.7 59.1

148 63.1 31.9 95.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 57.759 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. 0.000 min

Lab File: VY013222.D

Acq: 07 Apr 2023 18:07

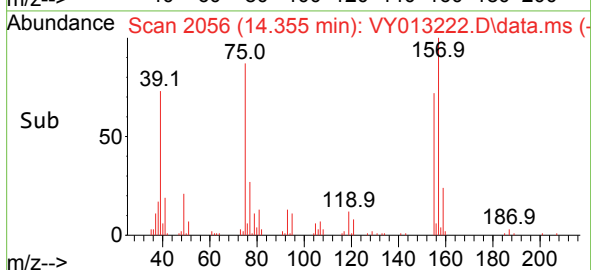
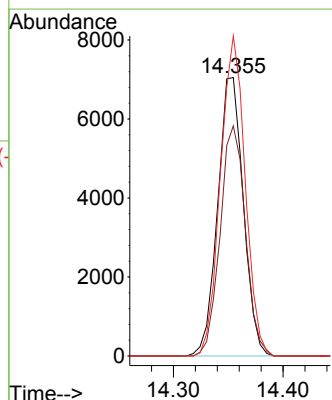
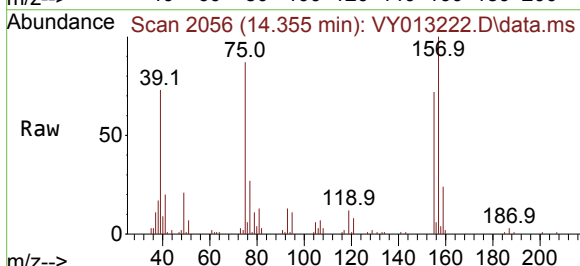
Tgt Ion: 75 Resp: 11459

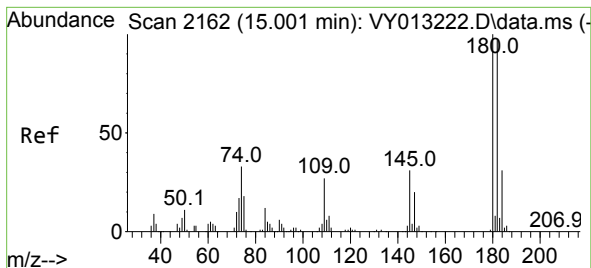
Ion Ratio Lower Upper

75 100

155 81.2 43.8 131.4

157 110.5 54.1 162.3





#93

1,2,4-Trichlorobenzene

Concen: 47.229 ug/l

RT: 15.001 min Scan# 2162

Delta R.T. 0.000 min

Lab File: VY013222.D

Acq: 07 Apr 2023 18:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

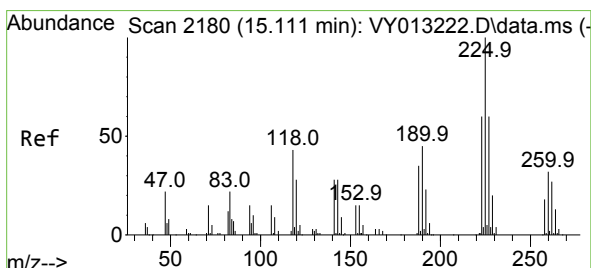
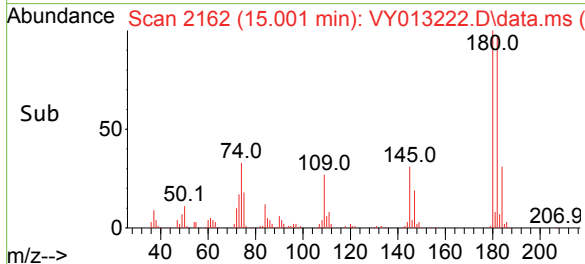
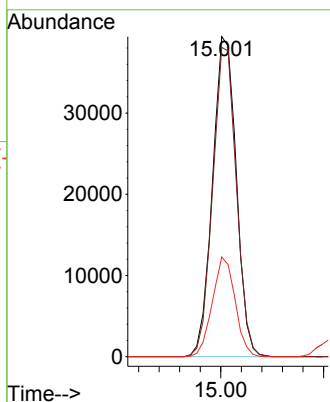
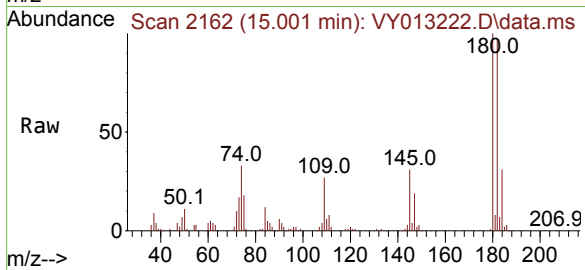
Tgt Ion:180 Resp: 63030

Ion Ratio Lower Upper

180 100

182 96.1 46.7 140.1

145 29.9 14.6 43.8



#94

Hexachlorobutadiene

Concen: 45.002 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY013222.D

Acq: 07 Apr 2023 18:07

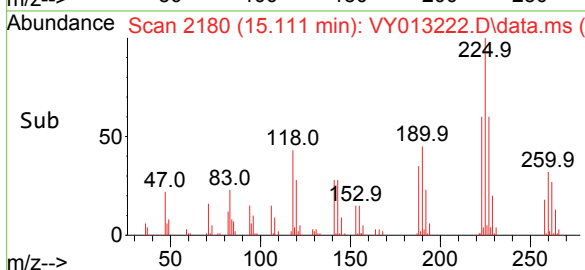
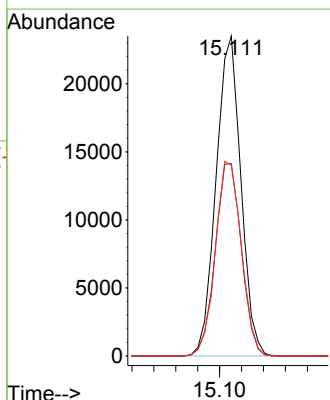
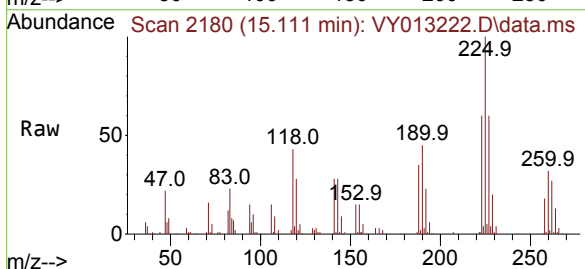
Tgt Ion:225 Resp: 36915

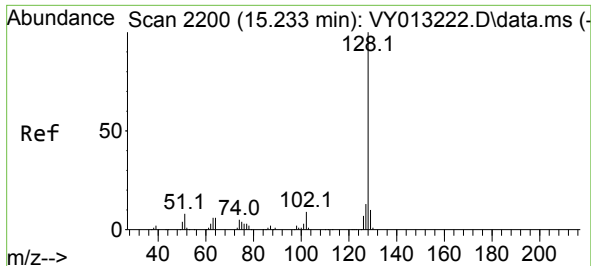
Ion Ratio Lower Upper

225 100

223 63.3 31.1 93.3

227 63.6 32.4 97.0

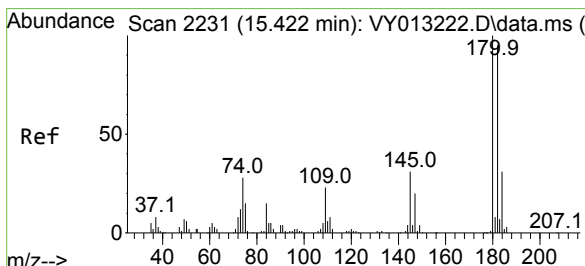
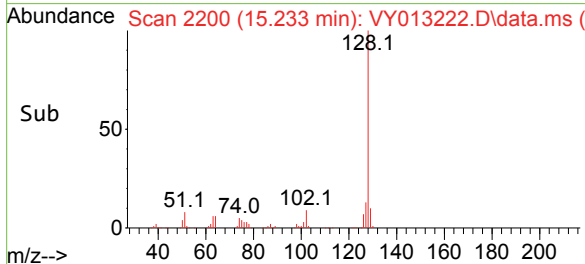
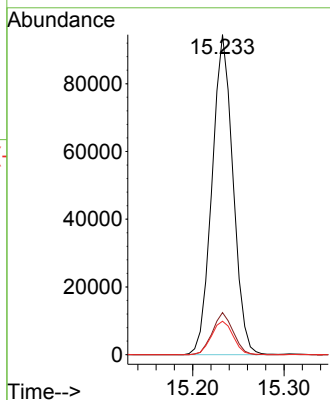
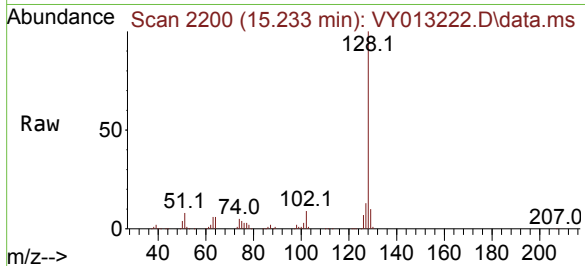




#95
Naphthalene
Concen: 52.919 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. 0.000 min
Lab File: VY013222.D
Acq: 07 Apr 2023 18:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion:128 Resp: 150859
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 10.9 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 48.232 ug/l
RT: 15.422 min Scan# 2231
Delta R.T. 0.000 min
Lab File: VY013222.D
Acq: 07 Apr 2023 18:07

Tgt Ion:180 Resp: 60259
Ion Ratio Lower Upper
180 100
182 93.3 47.4 142.3
145 30.4 15.3 45.8

