

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY033023\
 Data File : VY013144.D
 Acq On : 30 Mar 2023 11:21
 Operator : KP/MD
 Sample : VSTDICCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Quant Time: Mar 31 03:56:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y033023S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 31 03:45:49 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	139800	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	205417	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	186978	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	94220	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	72525	48.273	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.540%
35) Dibromofluoromethane	7.716	113	68568	51.097	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.200%
50) Toluene-d8	10.179	98	261823	51.683	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.360%
62) 4-Bromofluorobenzene	12.483	95	85351	51.760	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	103.520%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	67041	48.919	ug/l	97
3) Chloromethane	2.113	50	67354	47.128	ug/l	99
4) Vinyl Chloride	2.253	62	68634	47.899	ug/l	100
5) Bromomethane	2.650	94	47441	46.914	ug/l	94
6) Chloroethane	2.796	64	42847	47.737	ug/l	99
7) Trichlorofluoromethane	3.125	101	125571	49.240	ug/l	99
8) Diethyl Ether	3.527	74	39629	49.486	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.899	101	67547	48.043	ug/l	96
10) Methyl Iodide	4.094	142	96087	52.483	ug/l	98
11) Tert butyl alcohol	4.948	59	32292	238.474	ug/l	98
12) 1,1-Dichloroethene	3.875	96	66884	49.210	ug/l	99
13) Acrolein	3.729	56	46813	246.350	ug/l	100
14) Allyl chloride	4.479	41	113114	48.845	ug/l	95
15) Acrylonitrile	5.161	53	101530	255.145	ug/l	99
16) Acetone	3.942	43	132156	287.662	ug/l	99
17) Carbon Disulfide	4.198	76	220328	48.678	ug/l	99
18) Methyl Acetate	4.479	43	73717	50.925	ug/l	98
19) Methyl tert-butyl Ether	5.222	73	177147	51.436	ug/l	98
20) Methylene Chloride	4.716	84	81167	51.321	ug/l	98
21) trans-1,2-Dichloroethene	5.222	96	75769	49.478	ug/l	98
22) Diisopropyl ether	6.118	45	232829	51.460	ug/l	98
23) Vinyl Acetate	6.064	43	679839	264.231	ug/l	98
24) 1,1-Dichloroethane	6.021	63	130974	48.878	ug/l	99
25) 2-Butanone	6.984	43	155145	270.075	ug/l	98
26) 2,2-Dichloropropane	6.984	77	117458	48.735	ug/l	100
27) cis-1,2-Dichloroethene	6.990	96	83708	50.739	ug/l	98
28) Bromochloromethane	7.332	49	59196	51.484	ug/l	94
29) Tetrahydrofuran	7.344	42	90853	267.171	ug/l	98
30) Chloroform	7.508	83	134490	48.468	ug/l	99
31) Cyclohexane	7.789	56	119489	48.716	ug/l	92
32) 1,1,1-Trichloroethane	7.704	97	122026	49.738	ug/l	99
36) 1,1-Dichloropropene	7.917	75	105816	52.380	ug/l	99
37) Ethyl Acetate	7.069	43	61635	53.709	ug/l	99
38) Carbon Tetrachloride	7.899	117	113526	50.931	ug/l	99
39) Methylcyclohexane	9.185	83	127750	53.902	ug/l	99
40) Benzene	8.161	78	299473	51.325	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	85349	153.102	ug/l #	100
42) 1,2-Dichloroethane	8.234	62	90750	50.765	ug/l	99
43) Isopropyl Acetate	8.271	43	111051	54.062	ug/l	99
44) Trichloroethene	8.941	130	81968	51.031	ug/l	98
45) 1,2-Dichloropropane	9.215	63	74422	50.936	ug/l	96
46) Dibromomethane	9.307	93	43144	51.403	ug/l	97
47) Bromodichloromethane	9.496	83	103273	50.993	ug/l #	96
48) Methyl methacrylate	9.295	41	52766	55.155	ug/l	99
49) 1,4-Dioxane	9.295	88	11157	1117.361	ug/l	93
51) 4-Methyl-2-Pentanone	10.069	43	304111	274.318	ug/l	99
52) Toluene	10.246	92	188771	52.155	ug/l	97
53) t-1,3-Dichloropropene	10.465	75	108703	52.512	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	122604	51.859	ug/l	97
55) 1,1,2-Trichloroethane	10.642	97	59562	51.337	ug/l	98
56) Ethyl methacrylate	10.508	69	80239	55.006	ug/l	99
57) 1,3-Dichloropropane	10.788	76	102092	52.124	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	178922	262.320	ug/l	99
59) 2-Hexanone	10.831	43	229644	286.421	ug/l	98
60) Dibromochloromethane	10.983	129	75614	51.890	ug/l	100
61) 1,2-Dibromoethane	11.087	107	57205	50.888	ug/l	98
64) Tetrachloroethene	10.721	164	72990	50.777	ug/l	98
65) Chlorobenzene	11.514	112	199026	50.140	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.593	131	74789	50.257	ug/l	99
67) Ethyl Benzene	11.593	91	358221	52.252	ug/l	100
68) m/p-Xylenes	11.703	106	281721	106.229	ug/l	99
69) o-Xylene	12.032	106	129755	52.749	ug/l	98
70) Styrene	12.044	104	218523	53.105	ug/l	99
71) Bromoform	12.209	173	48306	52.349	ug/l #	98
73) Isopropylbenzene	12.331	105	346274	53.242	ug/l	100
74) N-amyl acetate	12.142	43	97527	54.615	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.581	83	71619	52.571	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	93144	88.023	ug/l #	100
77) Bromobenzene	12.611	156	84144	52.038	ug/l	95
78) n-propylbenzene	12.672	91	424693	53.108	ug/l	99
79) 2-Chlorotoluene	12.758	91	234288	51.631	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	289372	53.218	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	25776	54.309	ug/l	99
82) 4-Chlorotoluene	12.855	91	245565	51.998	ug/l	99
83) tert-Butylbenzene	13.075	119	251734	53.900	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	285392	53.594	ug/l	100
85) sec-Butylbenzene	13.251	105	377127	53.478	ug/l	100
86) p-Isopropyltoluene	13.367	119	310461	53.478	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	163034	50.863	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	161775	50.366	ug/l	99
89) n-Butylbenzene	13.696	91	289472	53.338	ug/l	99
90) Hexachloroethane	13.959	117	60954	50.401	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	146315	51.112	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	11709	51.651	ug/l	97
93) 1,2,4-Trichlorobenzene	15.007	180	89619	53.685	ug/l	98
94) Hexachlorobutadiene	15.111	225	53953	52.551	ug/l	99
95) Naphthalene	15.239	128	178428	50.431	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	80344	54.627	ug/l	100

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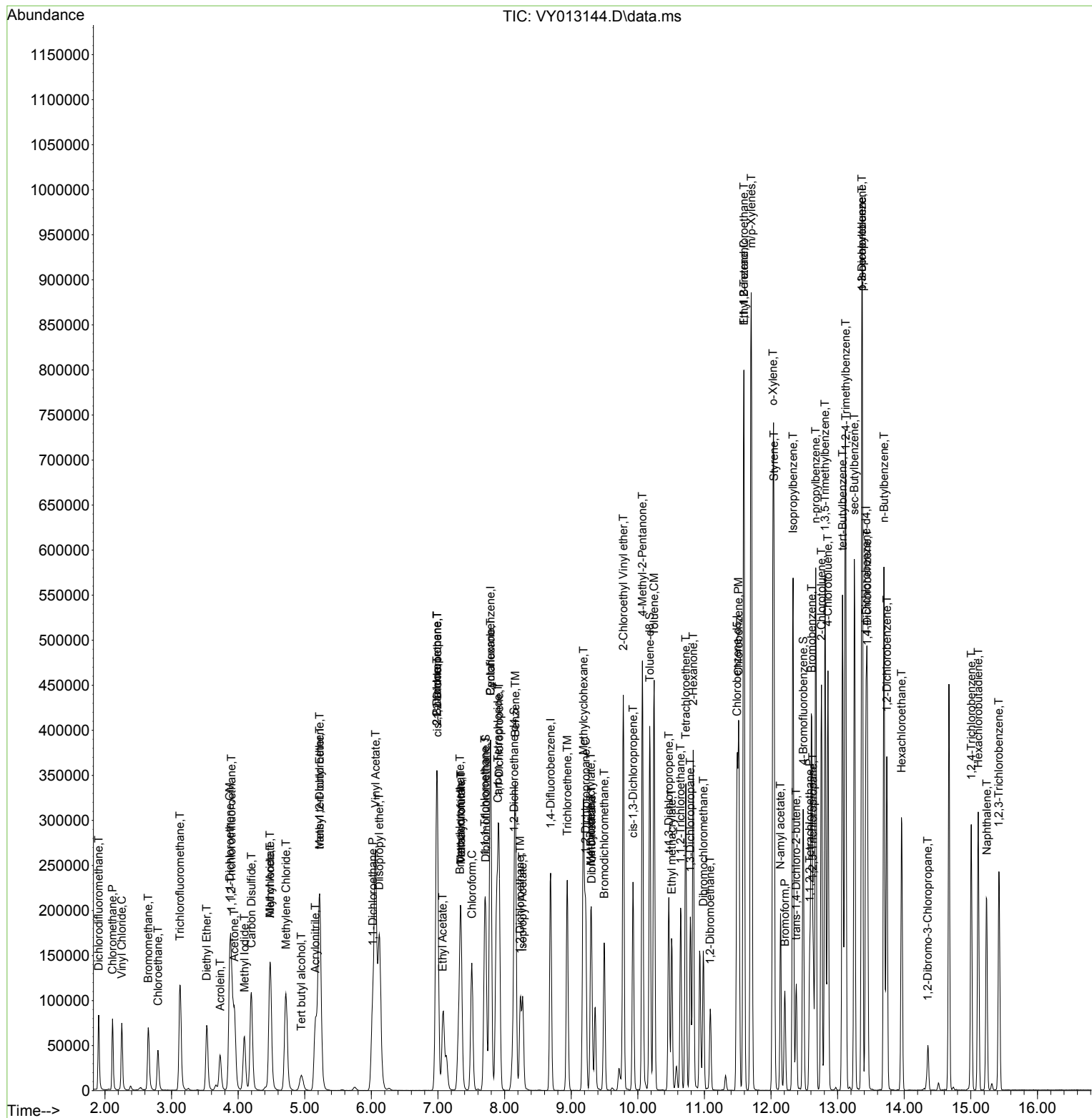
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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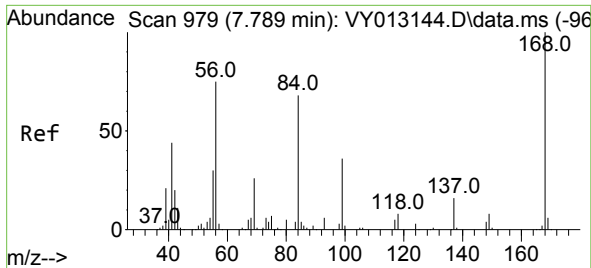
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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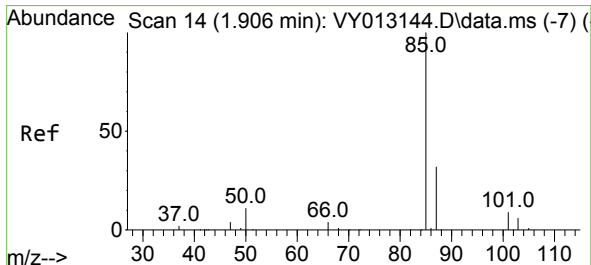
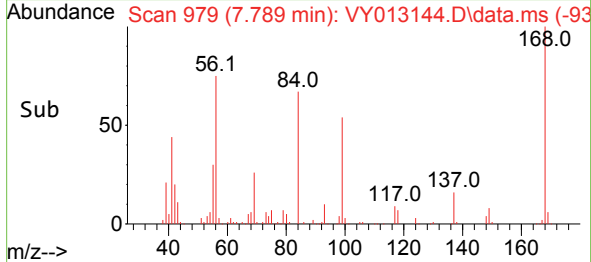
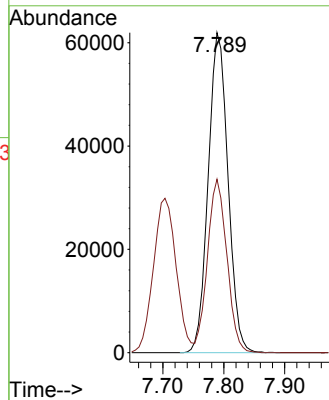
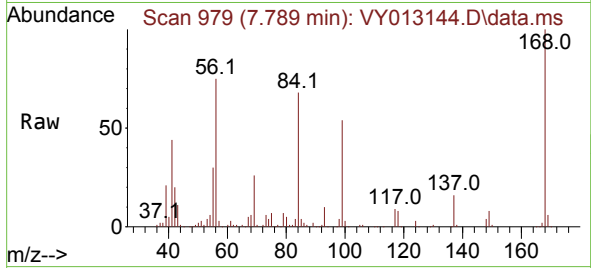




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.000 min
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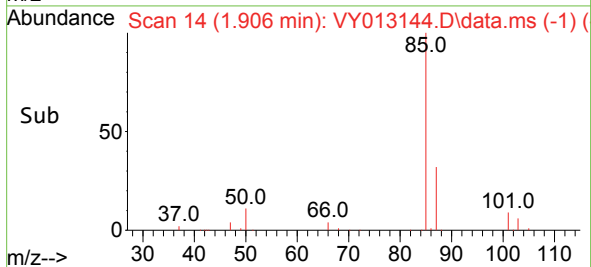
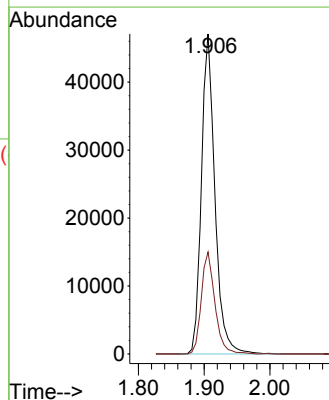
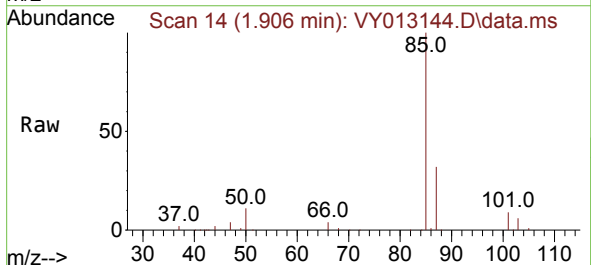
Instrument :
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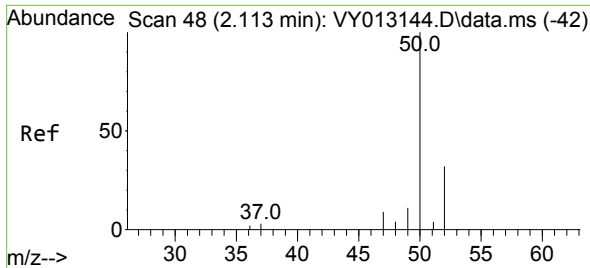
Tgt Ion:168 Resp: 139800
Ion Ratio Lower Upper
168 100
99 54.2 41.7 62.5



#2
Dichlorodifluoromethane
Concen: 48.919 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY013144.D
Acq: 30 Mar 2023 11:21

Tgt Ion: 85 Resp: 67041
Ion Ratio Lower Upper
85 100
87 31.9 16.7 50.0

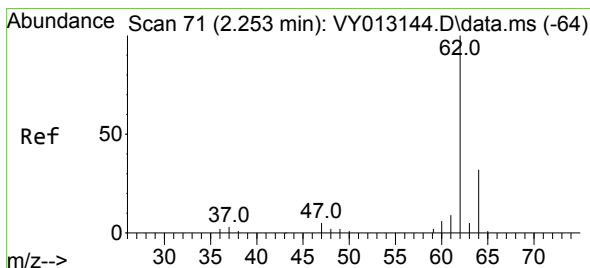
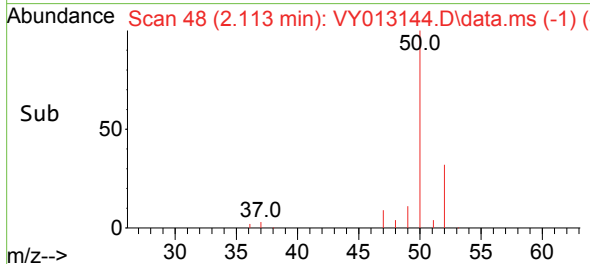
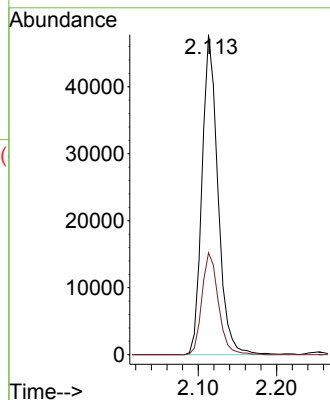
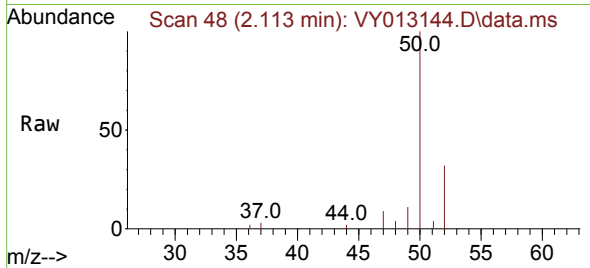




#3
Chloromethane
Concen: 47.128 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY013144.D
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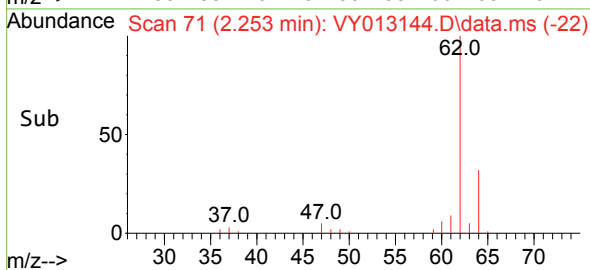
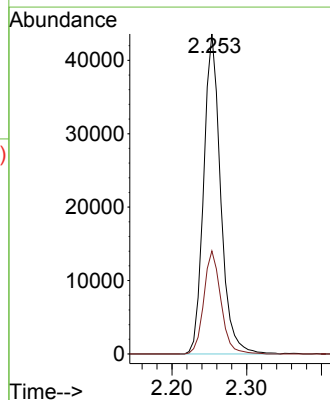
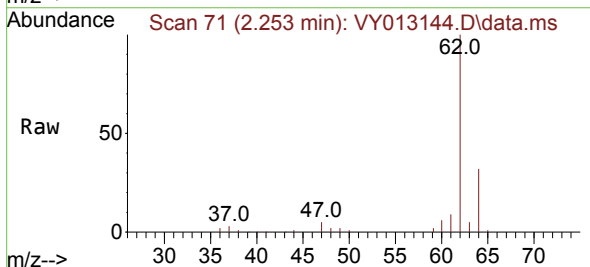
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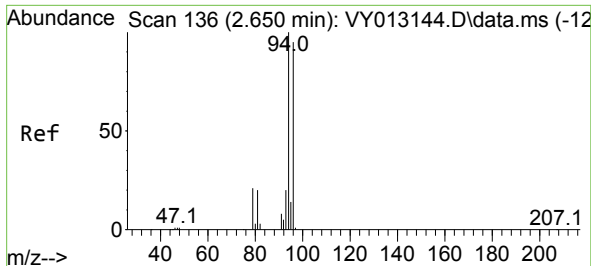
Tgt Ion: 50 Resp: 67354
Ion Ratio Lower Upper
50 100
52 31.9 26.0 39.0



#4
Vinyl Chloride
Concen: 47.899 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY013144.D
Acq: 30 Mar 2023 11:21

Tgt Ion: 62 Resp: 68634
Ion Ratio Lower Upper
62 100
64 32.2 25.6 38.4

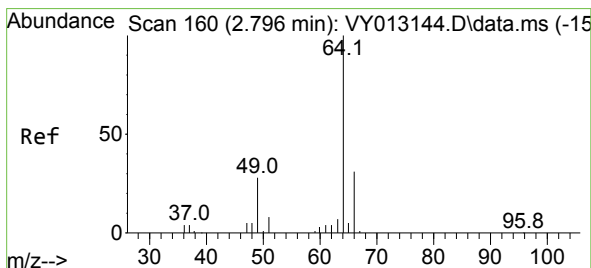
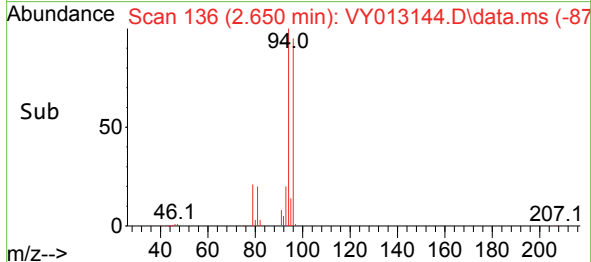
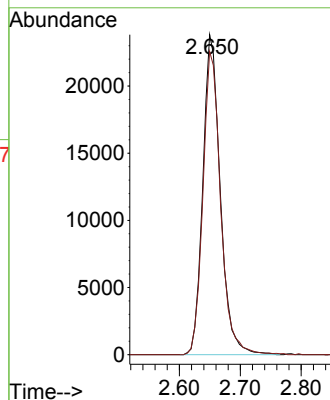
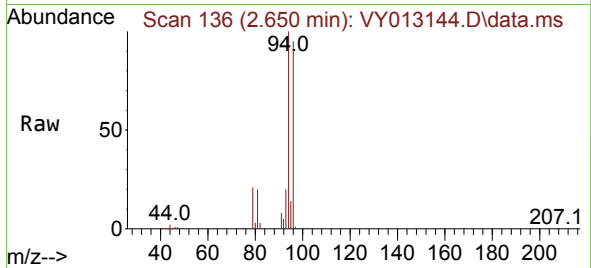




#5
Bromomethane
Concen: 46.914 ug/l
RT: 2.650 min Scan# 11
Delta R.T. 0.000 min
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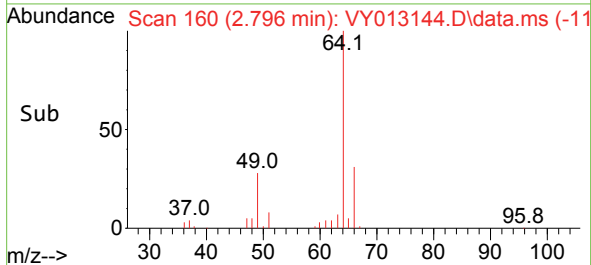
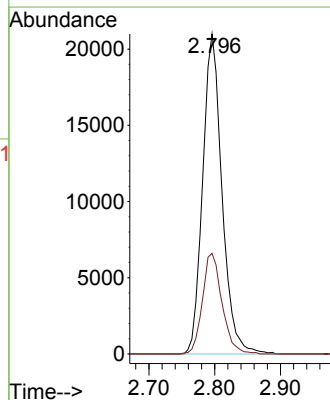
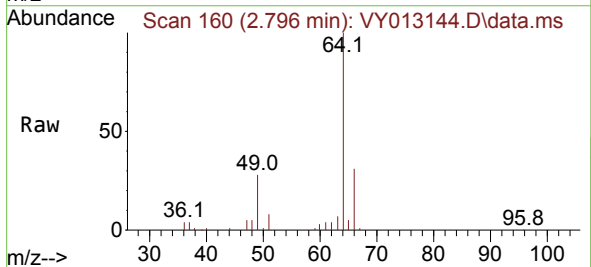
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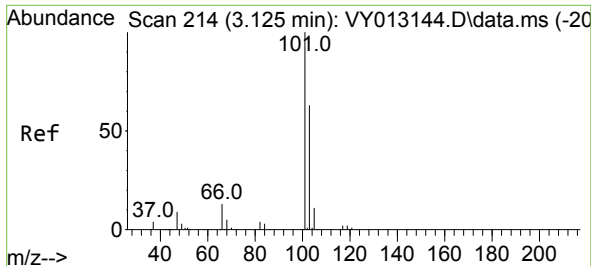
Tgt Ion: 94 Resp: 47441
Ion Ratio Lower Upper
94 100
96 94.7 80.3 120.5



#6
Chloroethane
Concen: 47.737 ug/l
RT: 2.796 min Scan# 160
Delta R.T. 0.000 min
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Tgt Ion: 64 Resp: 42847
Ion Ratio Lower Upper
64 100
66 31.4 25.7 38.5

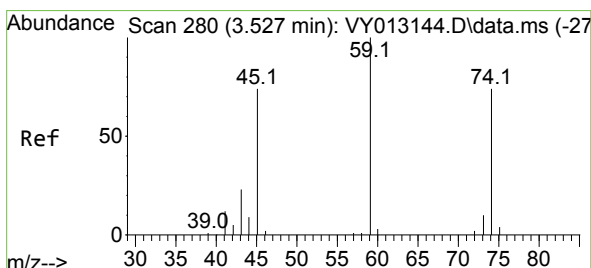
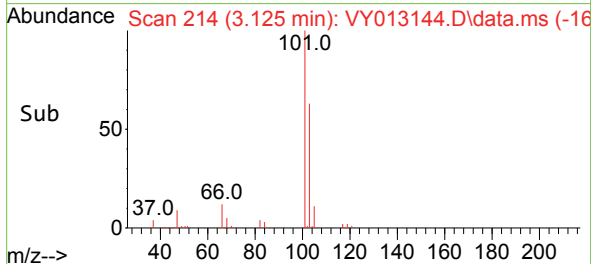
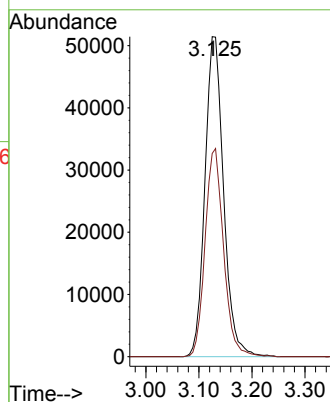
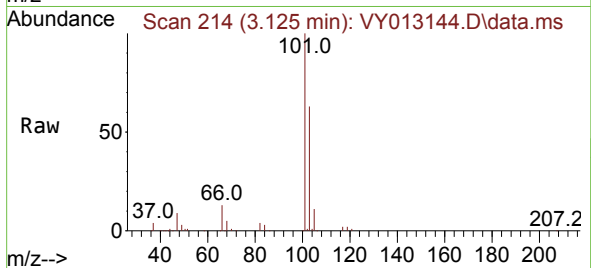




#7
 Trichlorofluoromethane
 Concen: 49.240 ug/l
 RT: 3.125 min Scan# 214
 Delta R.T. 0.000 min
 Lab File: VY013144.D
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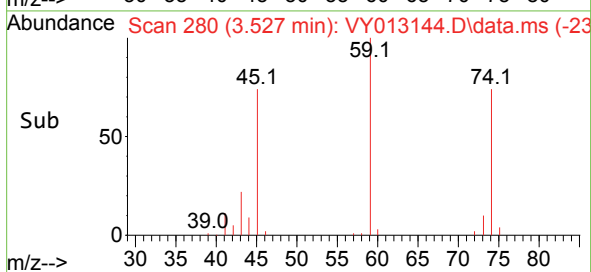
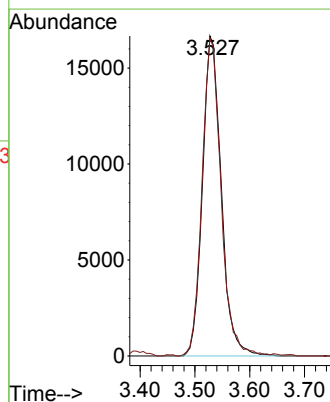
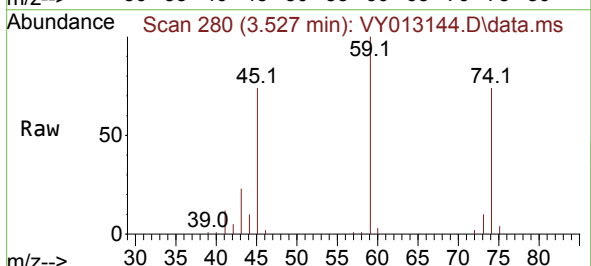
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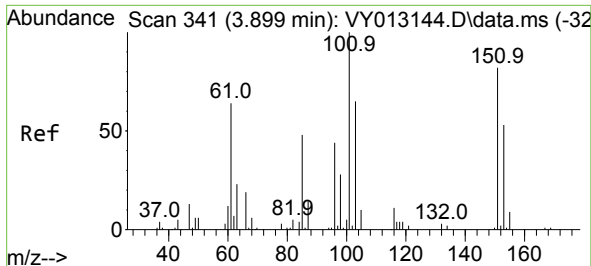
Tgt Ion: 101 Resp: 125571
 Ion Ratio Lower Upper
 101 100
 103 63.5 51.5 77.3



#8
 Diethyl Ether
 Concen: 49.486 ug/l
 RT: 3.527 min Scan# 280
 Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 39629
 Ion Ratio Lower Upper
 74 100
 45 100.3 52.1 156.4

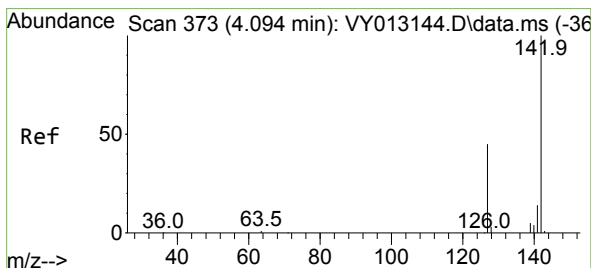
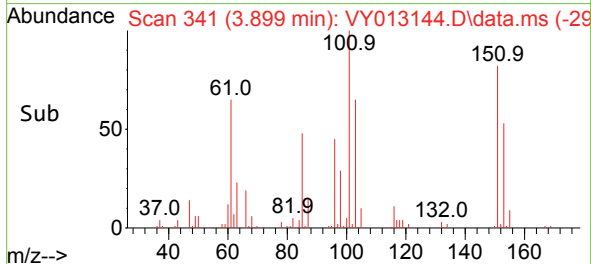
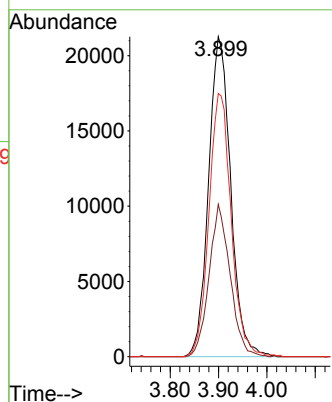
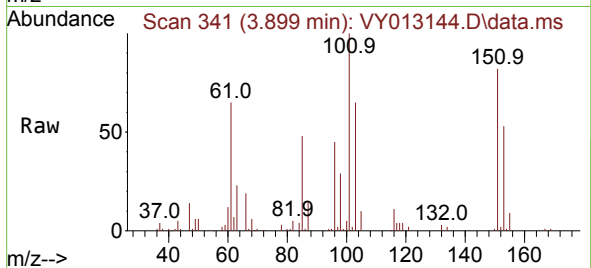




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.043 ug/l
RT: 3.899 min Scan# 341
Delta R.T. 0.000 min
Lab File: VY013144.D
Acq: 30 Mar 2023 11:21

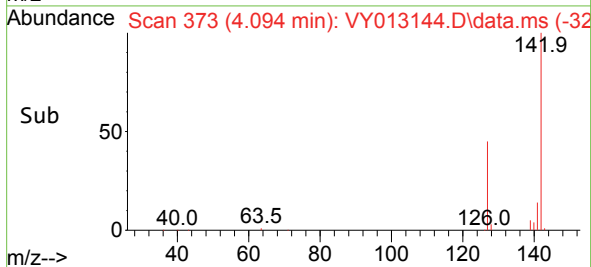
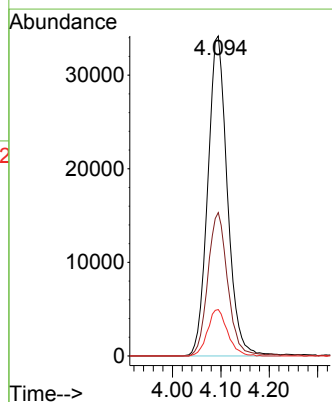
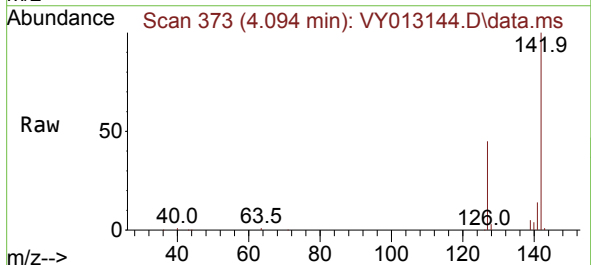
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

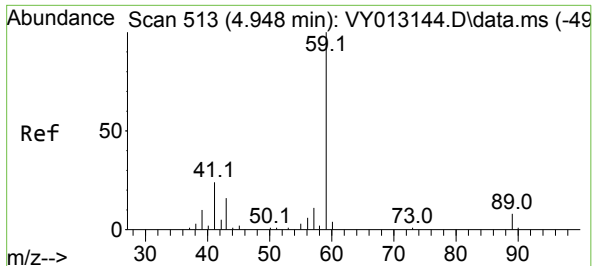
Tgt Ion:101 Resp: 67547
Ion Ratio Lower Upper
101 100
85 45.3 35.3 52.9
151 82.9 63.1 94.7



#10
Methyl Iodide
Concen: 52.483 ug/l
RT: 4.094 min Scan# 373
Delta R.T. 0.000 min
Lab File: VY013144.D
Acq: 30 Mar 2023 11:21

Tgt Ion:142 Resp: 96087
Ion Ratio Lower Upper
142 100
127 45.3 35.4 53.2
141 14.9 11.3 16.9

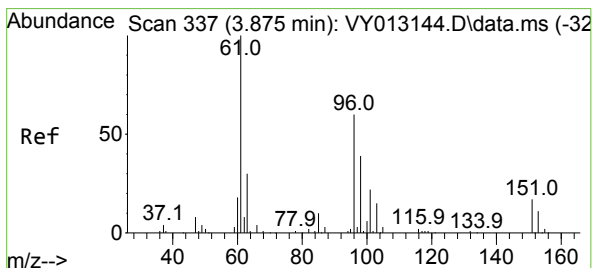
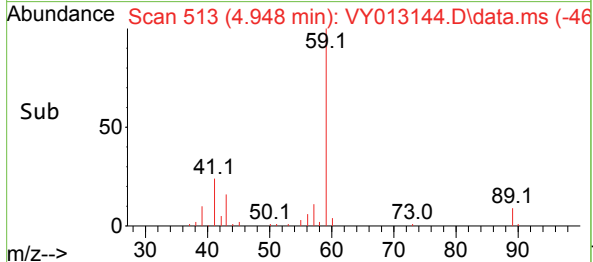
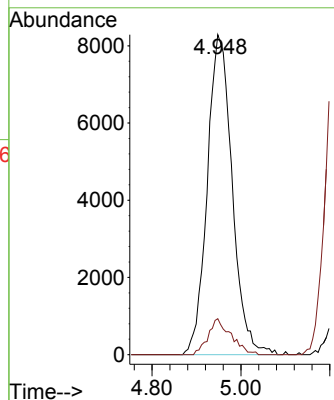
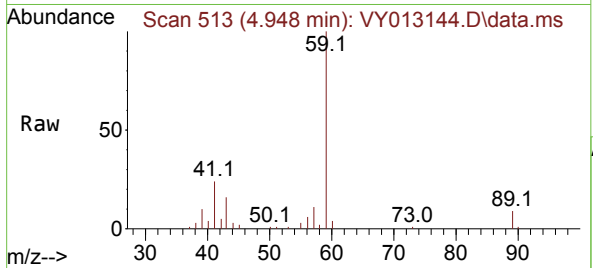




#11
Tert butyl alcohol
Concen: 238.474 ug/l
RT: 4.948 min Scan# 513
Delta R.T. 0.000 min
Lab File: VY013144.D
Acq: 30 Mar 2023 11:21

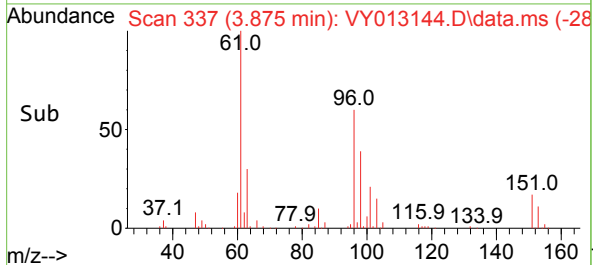
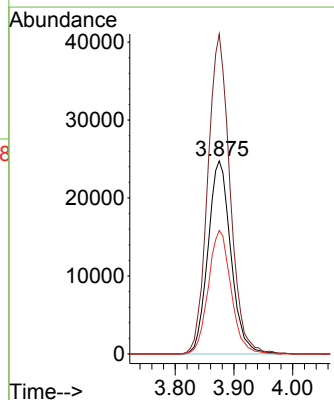
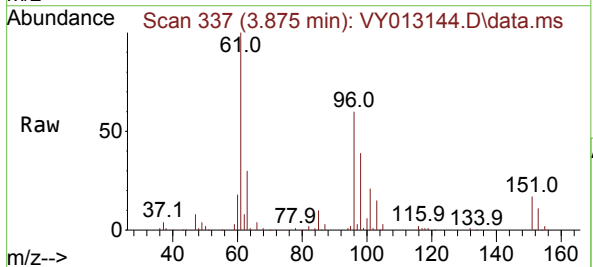
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

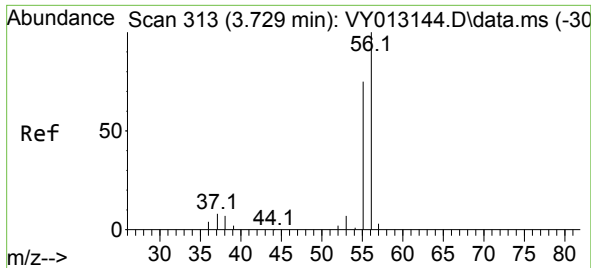
Tgt Ion: 59 Resp: 32292
Ion Ratio Lower Upper
59 100
57 10.3 7.7 11.5



#12
1,1-Dichloroethene
Concen: 49.210 ug/l
RT: 3.875 min Scan# 337
Delta R.T. 0.000 min
Lab File: VY013144.D
Acq: 30 Mar 2023 11:21

Tgt Ion: 96 Resp: 66884
Ion Ratio Lower Upper
96 100
61 165.8 131.7 197.5
98 64.0 52.0 78.0





#13

Acrolein

Concen: 246.350 ug/l

RT: 3.729 min Scan# 313

Delta R.T. 0.000 min

Lab File: VY013144.D

Acq: 30 Mar 2023 11:21

Instrument :

MSVOA_Y

ClientSampleId :

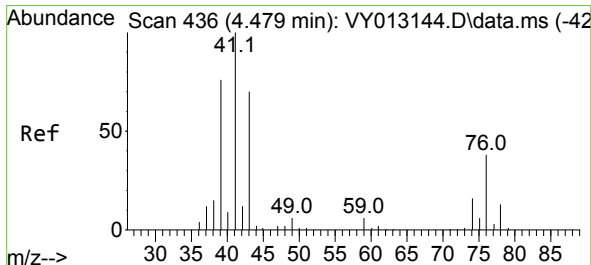
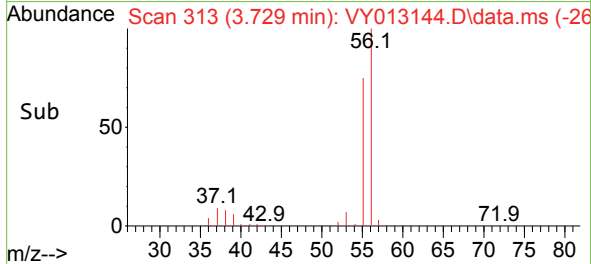
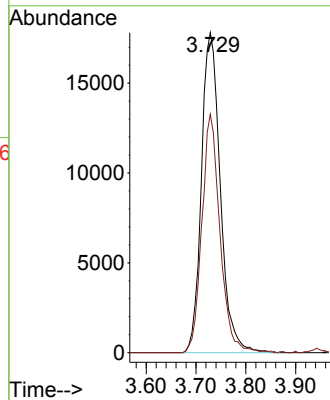
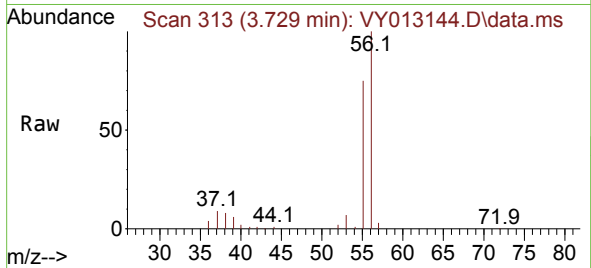
VSTDICCC050

Tgt Ion: 56 Resp: 46813

Ion Ratio Lower Upper

56 100

55 71.4 56.8 85.2



#14

Allyl chloride

Concen: 48.845 ug/l

RT: 4.479 min Scan# 436

Delta R.T. 0.000 min

Lab File: VY013144.D

Acq: 30 Mar 2023 11:21

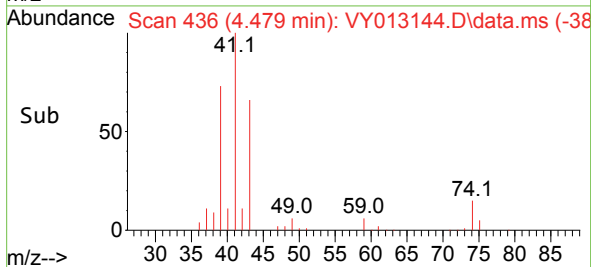
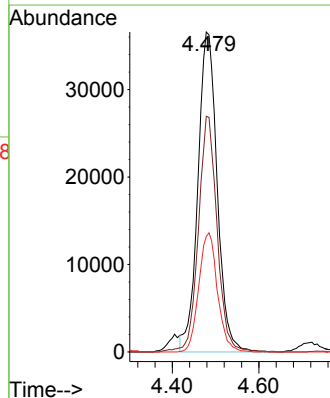
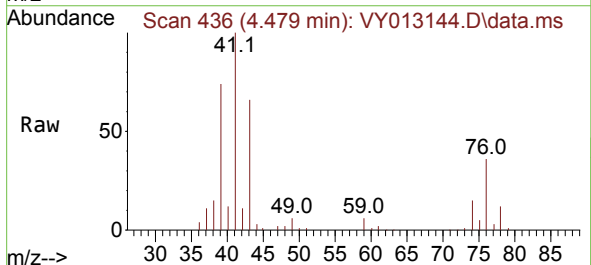
Tgt Ion: 41 Resp: 113114

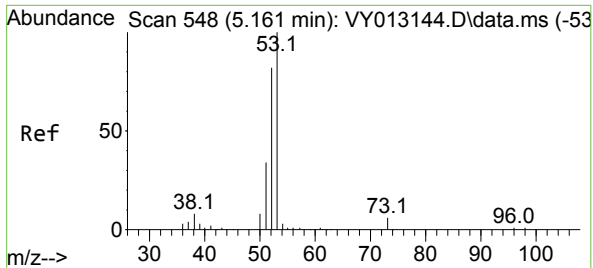
Ion Ratio Lower Upper

41 100

39 71.3 53.6 80.4

76 36.1 27.2 40.8

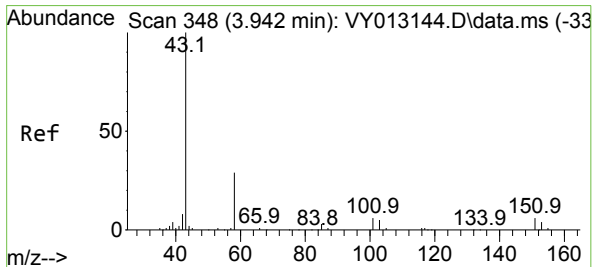
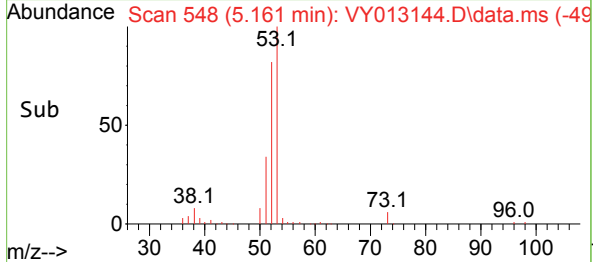
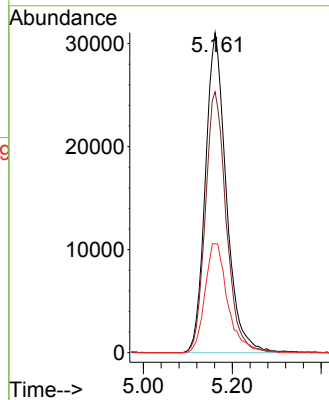
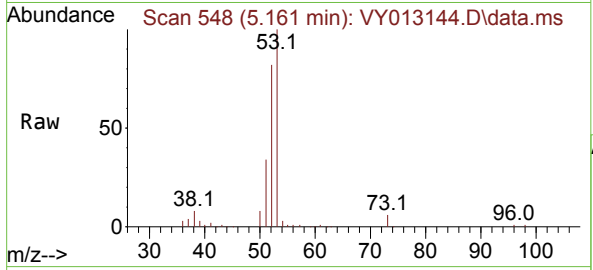




#15
Acrylonitrile
Concen: 255.145 ug/l
RT: 5.161 min Scan# 548
Delta R.T. 0.000 min
Lab File: VY013144.D
Acq: 30 Mar 2023 11:21

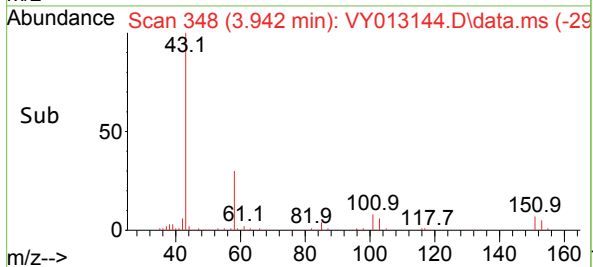
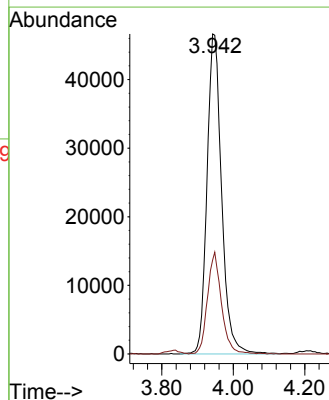
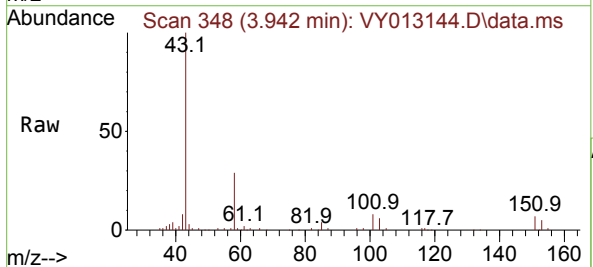
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

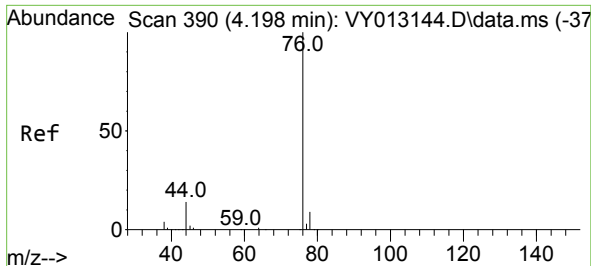
Tgt Ion: 53 Resp: 101530
Ion Ratio Lower Upper
53 100
52 81.8 66.3 99.5
51 37.2 28.8 43.2



#16
Acetone
Concen: 287.662 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY013144.D
Acq: 30 Mar 2023 11:21

Tgt Ion: 43 Resp: 132156
Ion Ratio Lower Upper
43 100
58 29.4 24.2 36.2

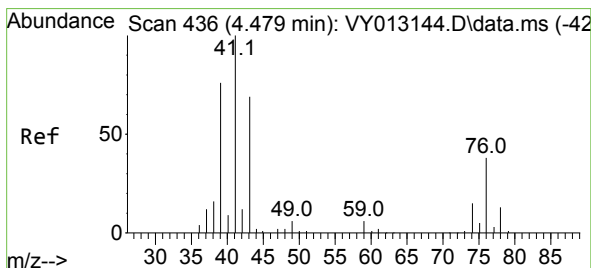
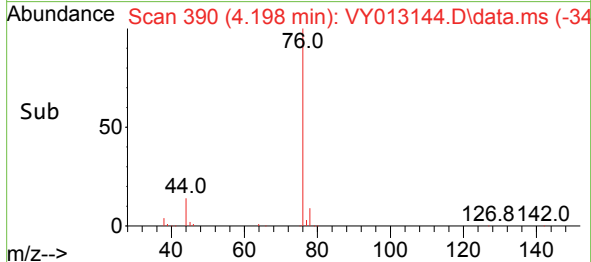
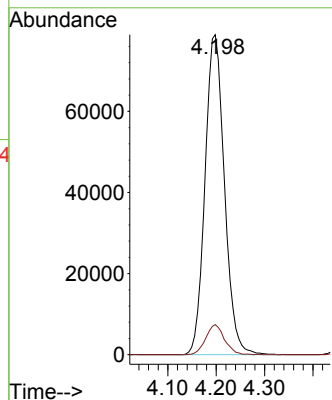
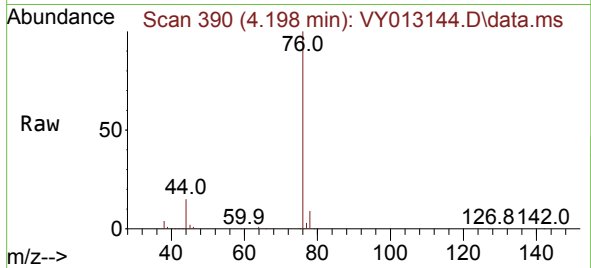




#17
Carbon Disulfide
Concen: 48.678 ug/l
RT: 4.198 min Scan# 390
Delta R.T. 0.000 min
Lab File: VY013144.D
Acq: 30 Mar 2023 11:21

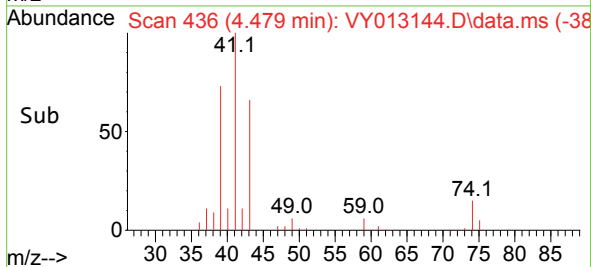
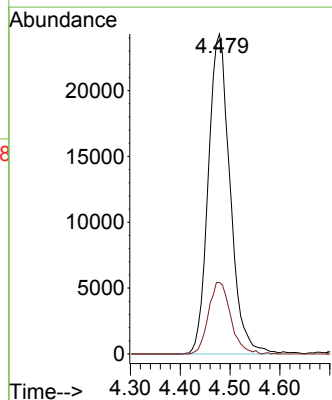
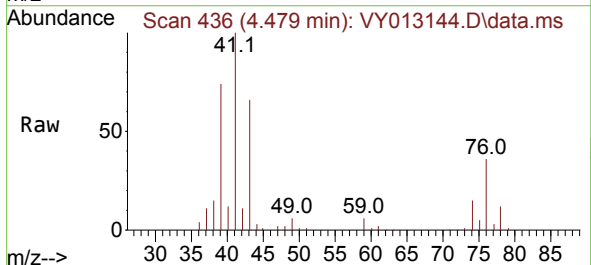
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

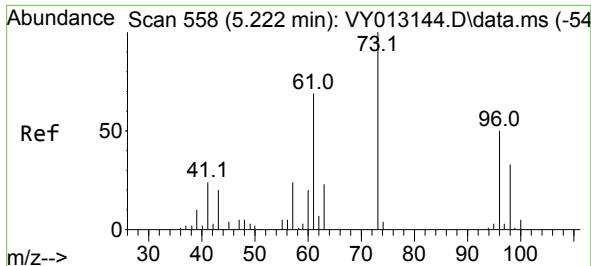
Tgt Ion: 76 Resp: 220328
Ion Ratio Lower Upper
76 100
78 9.4 7.1 10.7



#18
Methyl Acetate
Concen: 50.925 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.000 min
Lab File: VY013144.D
Acq: 30 Mar 2023 11:21

Tgt Ion: 43 Resp: 73717
Ion Ratio Lower Upper
43 100
74 22.8 17.4 26.0

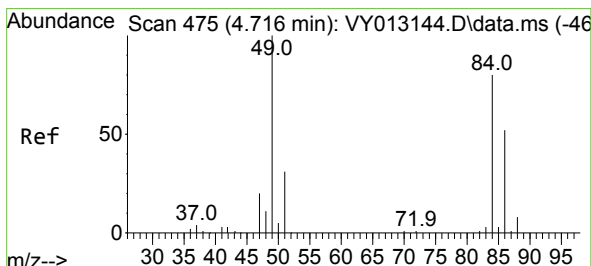
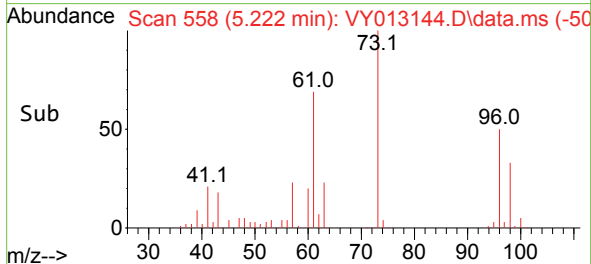
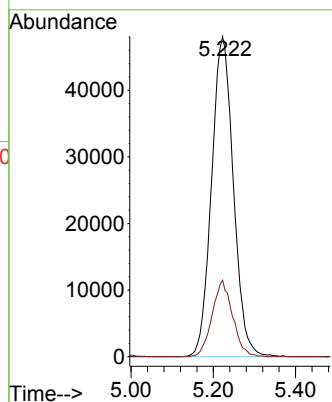
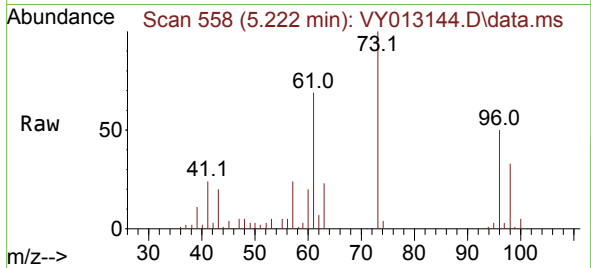




#19
Methyl tert-butyl Ether
Concen: 51.436 ug/l
RT: 5.222 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY013144.D
Acq: 30 Mar 2023 11:21

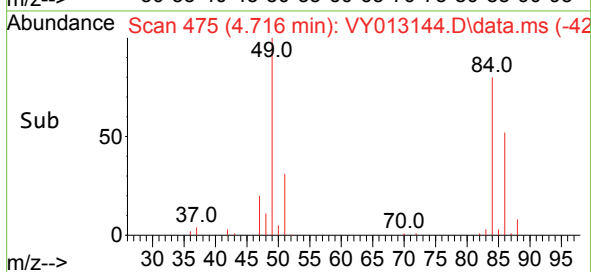
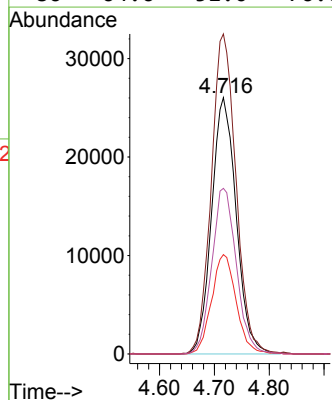
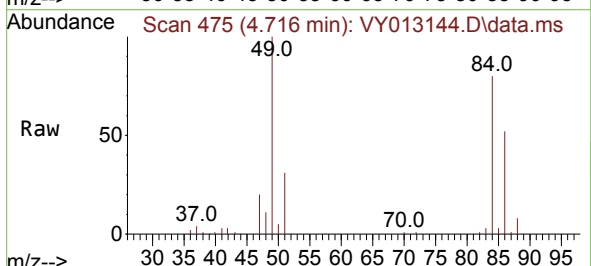
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

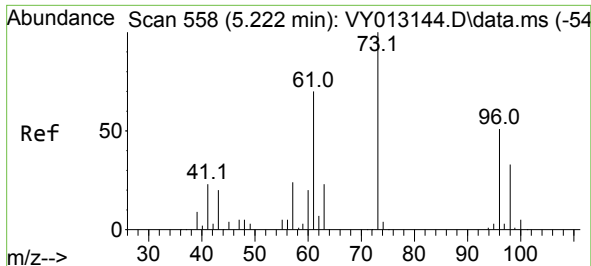
Tgt Ion: 73 Resp: 177147
Ion Ratio Lower Upper
73 100
57 23.9 18.3 27.5



#20
Methylene Chloride
Concen: 51.321 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY013144.D
Acq: 30 Mar 2023 11:21

Tgt Ion: 84 Resp: 81167
Ion Ratio Lower Upper
84 100
49 124.9 102.6 154.0
51 38.8 31.9 47.9
86 64.6 51.0 76.6

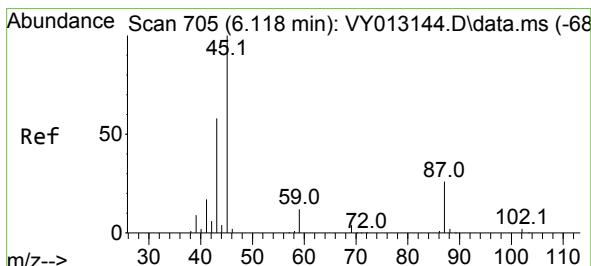
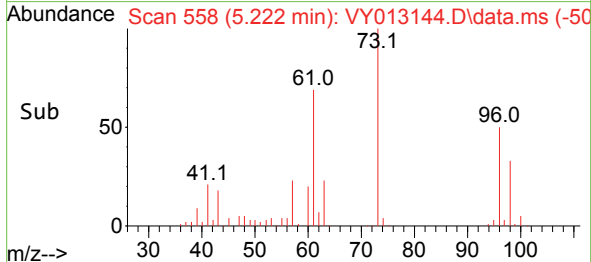
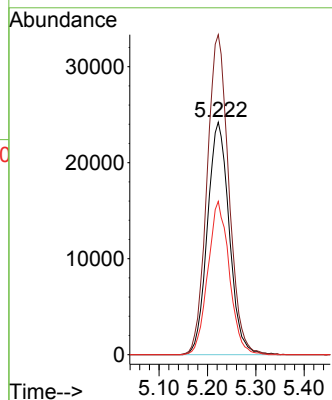
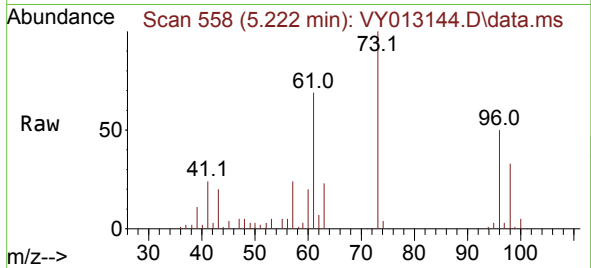




#21
trans-1,2-Dichloroethene
Concen: 49.478 ug/l
RT: 5.222 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY013144.D
Acq: 30 Mar 2023 11:21

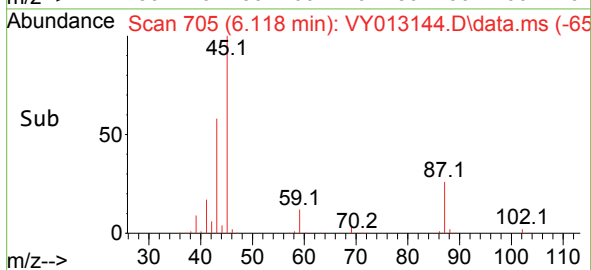
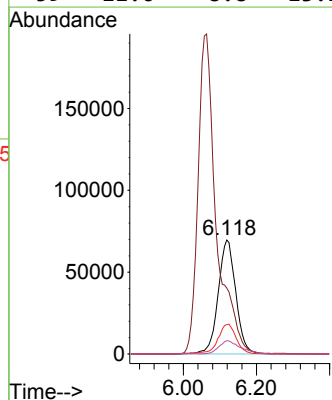
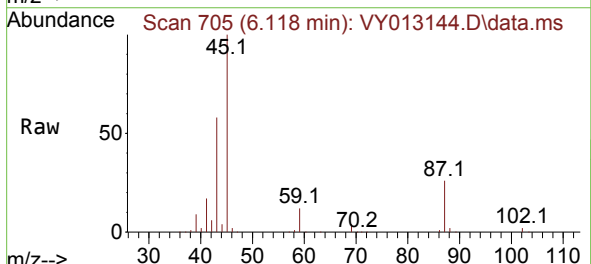
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

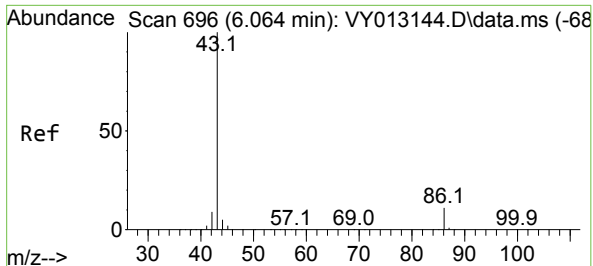
Tgt Ion: 96 Resp: 75769
Ion Ratio Lower Upper
96 100
61 137.7 111.4 167.0
98 65.9 50.8 76.2



#22
Diisopropyl ether
Concen: 51.460 ug/l
RT: 6.118 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY013144.D
Acq: 30 Mar 2023 11:21

Tgt Ion: 45 Resp: 232829
Ion Ratio Lower Upper
45 100
43 57.7 45.0 67.6
87 25.9 20.3 30.5
59 11.6 8.8 13.2





#23

Vinyl Acetate

Concen: 264.231 ug/l

RT: 6.064 min Scan# 696

Delta R.T. 0.000 min

Lab File: VY013144.D

Acq: 30 Mar 2023 11:21

Instrument :

MSVOA_Y

ClientSampleId :

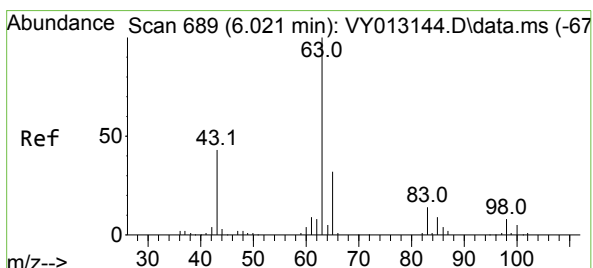
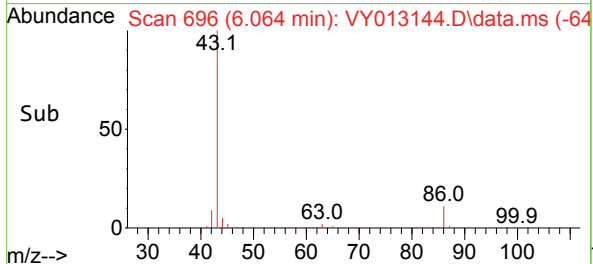
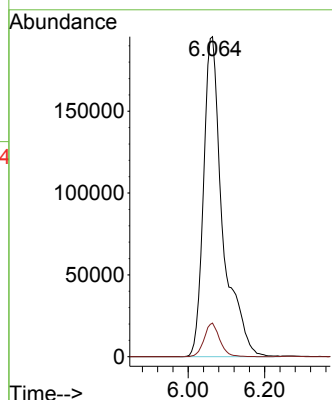
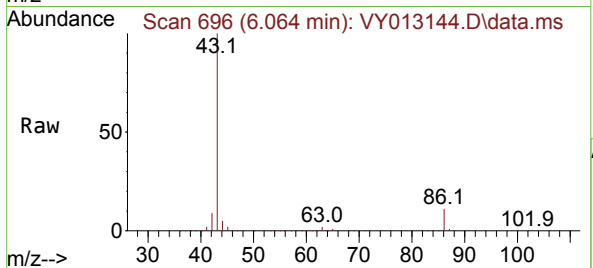
VSTDICCC050

Tgt Ion: 43 Resp: 679839

Ion Ratio Lower Upper

43 100

86 10.5 7.8 11.8



#24

1,1-Dichloroethane

Concen: 48.878 ug/l

RT: 6.021 min Scan# 689

Delta R.T. 0.000 min

Lab File: VY013144.D

Acq: 30 Mar 2023 11:21

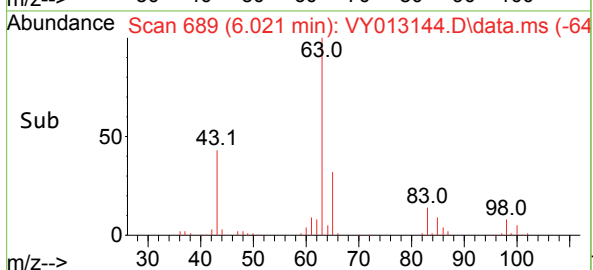
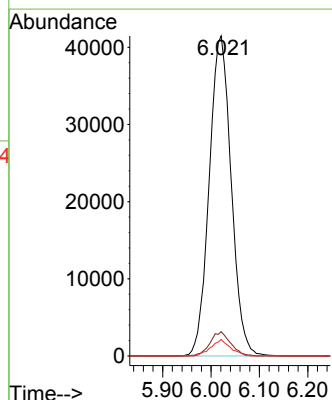
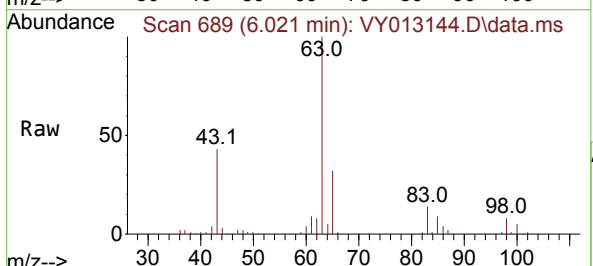
Tgt Ion: 63 Resp: 130974

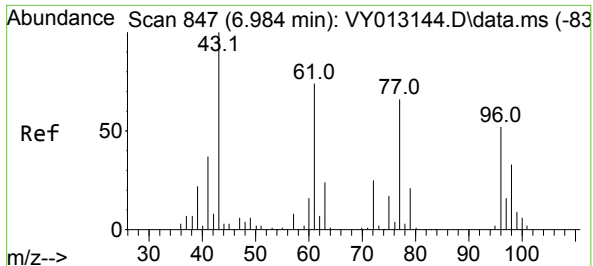
Ion Ratio Lower Upper

63 100

98 7.6 3.7 11.1

100 5.2 2.3 6.8





#25

2-Butanone

Concen: 270.075 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY013144.D

Acq: 30 Mar 2023 11:21

Instrument :

MSVOA_Y

ClientSampleId :

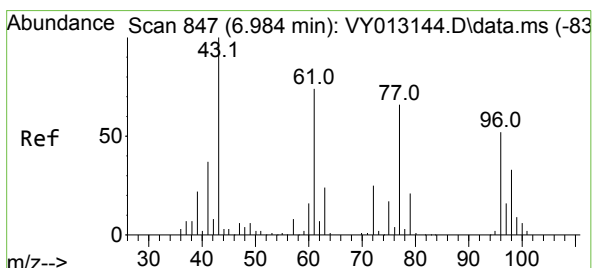
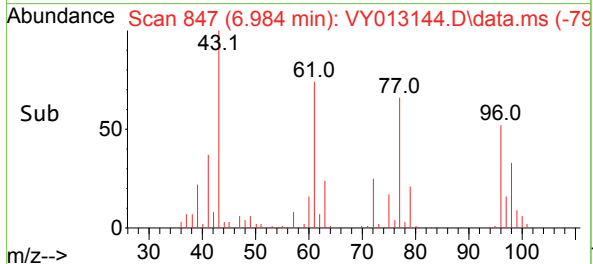
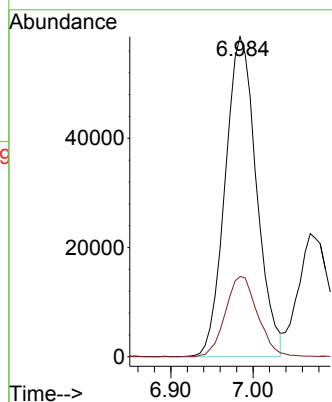
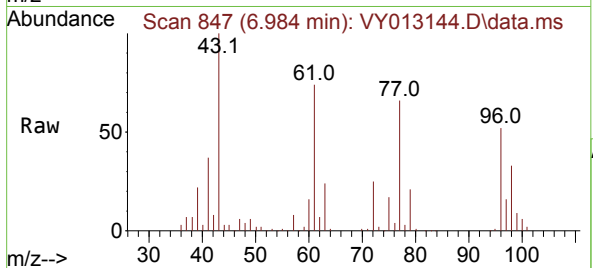
VSTDICCC050

Tgt Ion: 43 Resp: 155145

Ion Ratio Lower Upper

43 100

72 25.1 21.0 31.4



#26

2,2-Dichloropropane

Concen: 48.735 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY013144.D

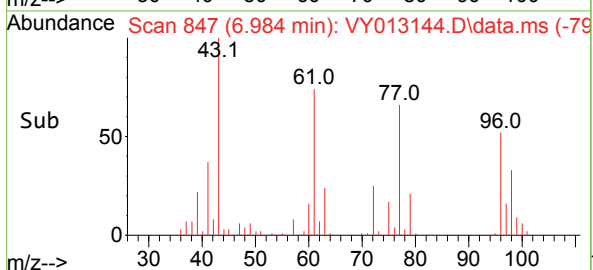
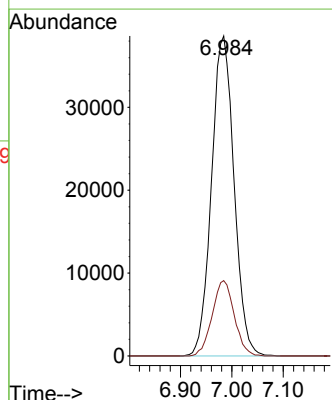
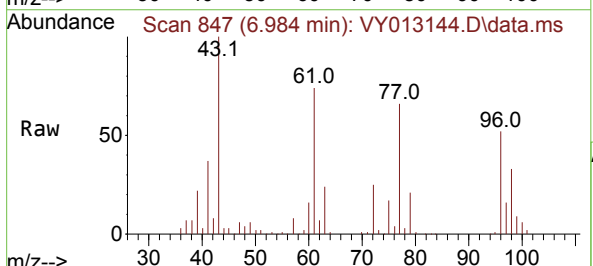
Acq: 30 Mar 2023 11:21

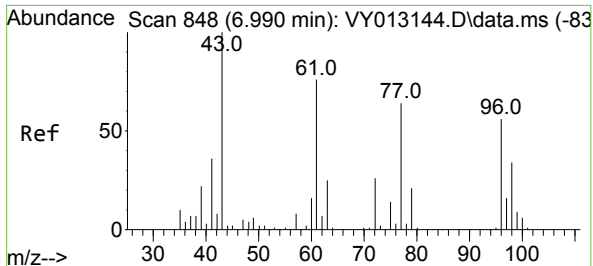
Tgt Ion: 77 Resp: 117458

Ion Ratio Lower Upper

77 100

97 23.1 11.7 35.0

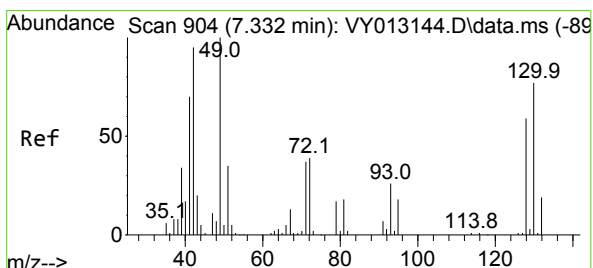
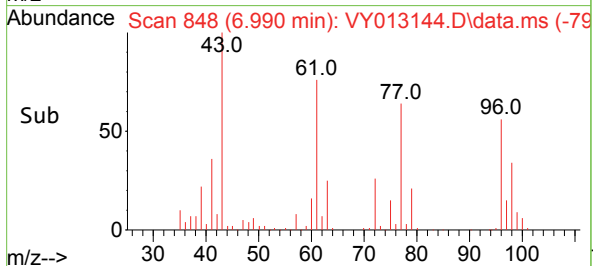
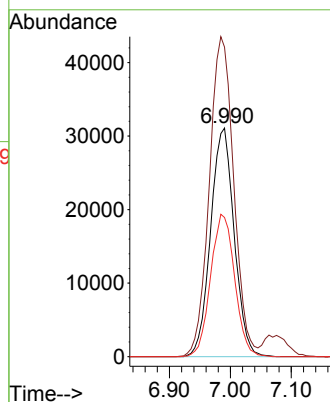
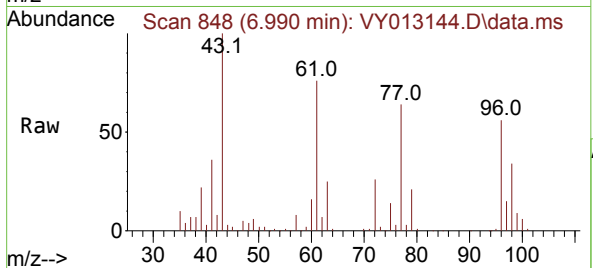




#27
 cis-1,2-Dichloroethene
 Concen: 50.739 ug/l
 RT: 6.990 min Scan# 848
 Delta R.T. 0.000 min
 Lab File: VY013144.D
 Acq: 30 Mar 2023 11:21

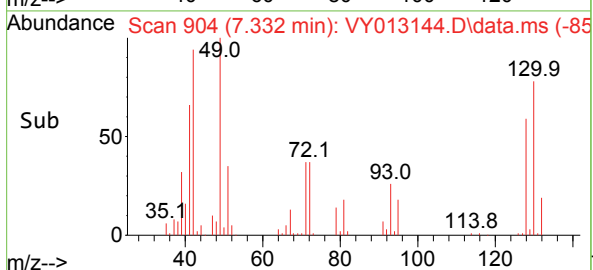
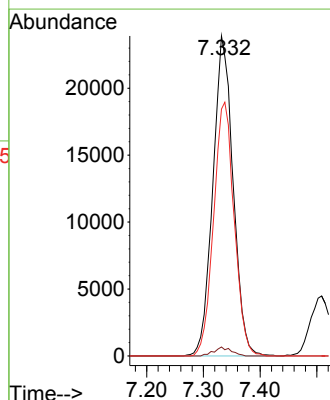
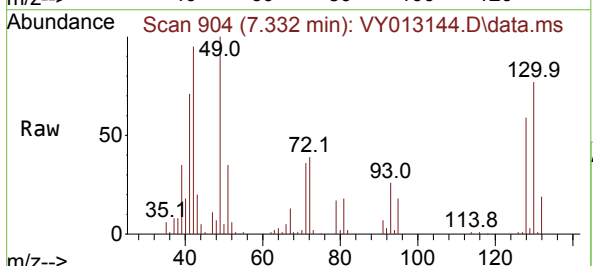
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

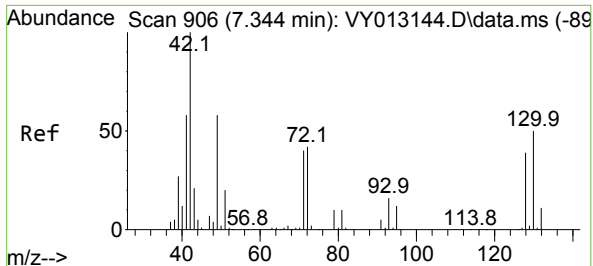
Tgt Ion: 96 Resp: 83708
 Ion Ratio Lower Upper
 96 100
 61 145.0 0.0 295.8
 98 63.6 0.0 130.2



#28
 Bromochloromethane
 Concen: 51.484 ug/l
 RT: 7.332 min Scan# 904
 Delta R.T. 0.000 min
 Lab File: VY013144.D
 Acq: 30 Mar 2023 11:21

Tgt Ion: 49 Resp: 59196
 Ion Ratio Lower Upper
 49 100
 129 2.4 0.0 4.2
 130 80.6 60.5 90.7





#29

Tetrahydrofuran

Concen: 267.171 ug/l

RT: 7.344 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY013144.D

Acq: 30 Mar 2023 11:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

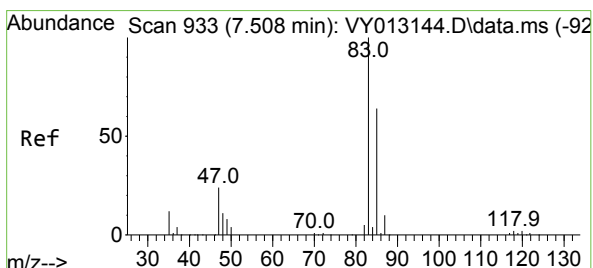
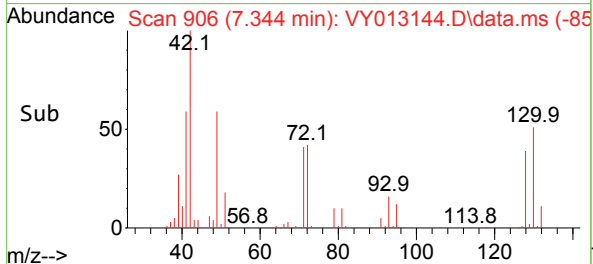
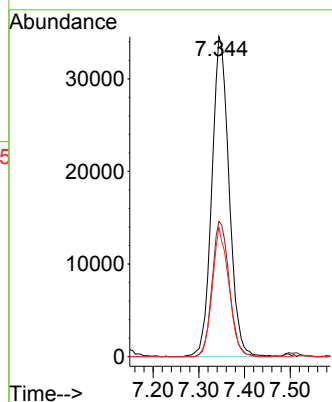
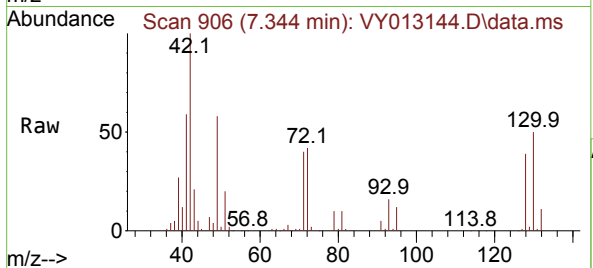
Tgt Ion: 42 Resp: 90853

Ion Ratio Lower Upper

42 100

72 41.9 32.3 48.5

71 38.6 30.3 45.5



#30

Chloroform

Concen: 48.468 ug/l

RT: 7.508 min Scan# 933

Delta R.T. 0.000 min

Lab File: VY013144.D

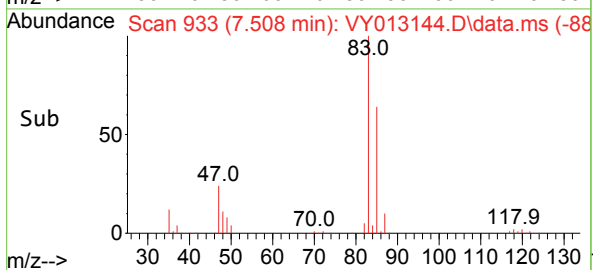
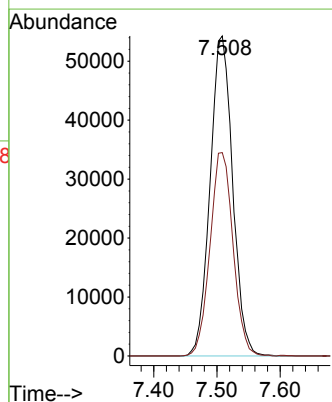
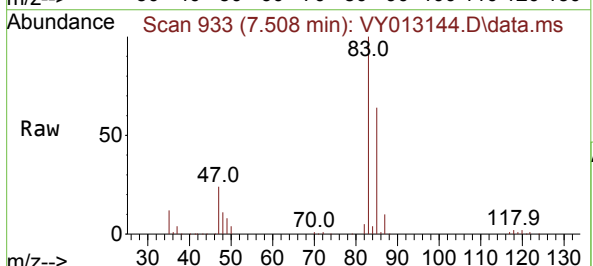
Acq: 30 Mar 2023 11:21

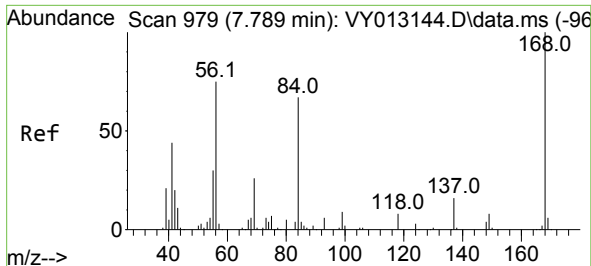
Tgt Ion: 83 Resp: 134490

Ion Ratio Lower Upper

83 100

85 63.6 51.4 77.0

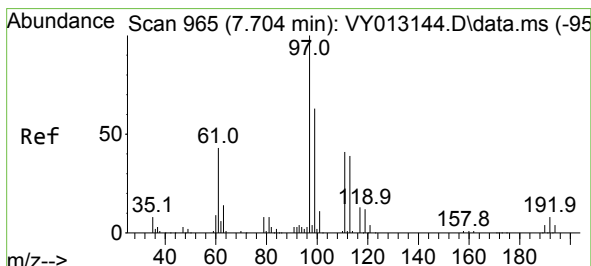
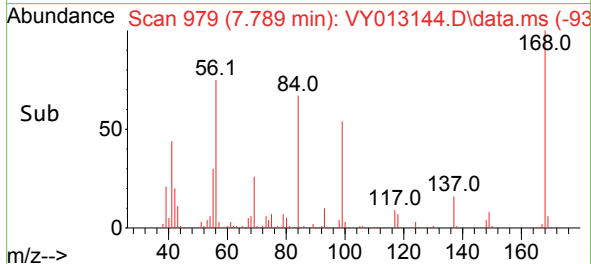
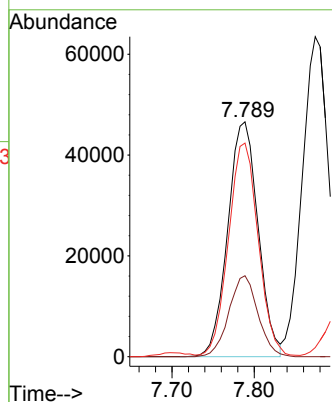
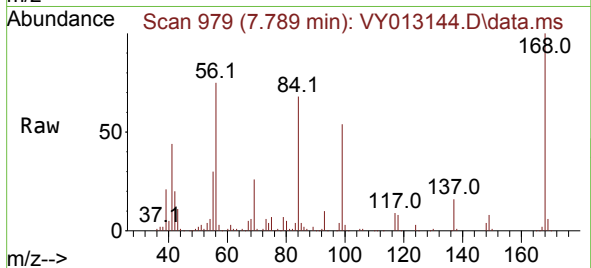




#31
Cyclohexane
Concen: 48.716 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY013144.D
Acq: 30 Mar 2023 11:21

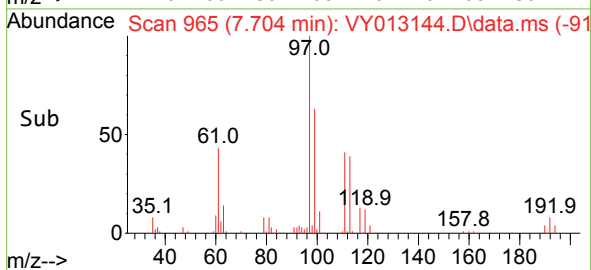
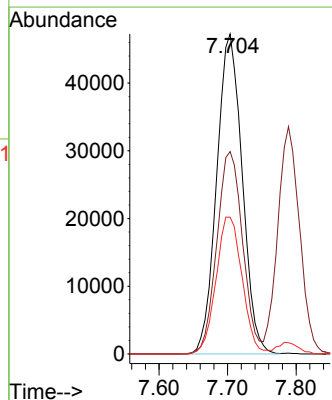
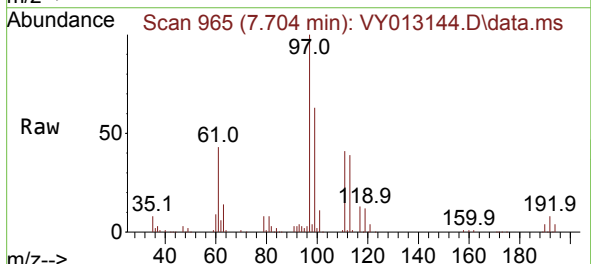
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

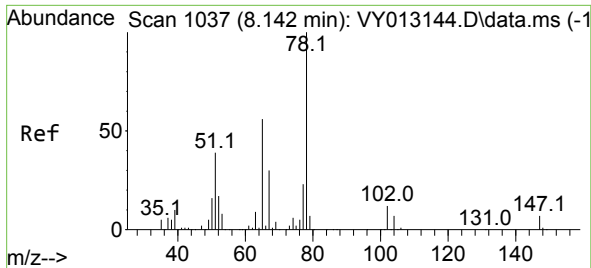
Tgt Ion: 56 Resp: 119489
Ion Ratio Lower Upper
56 100
69 34.5 25.7 38.5
84 89.4 64.3 96.5



#32
1,1,1-Trichloroethane
Concen: 49.738 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.000 min
Lab File: VY013144.D
Acq: 30 Mar 2023 11:21

Tgt Ion: 97 Resp: 122026
Ion Ratio Lower Upper
97 100
99 64.3 51.0 76.6
61 43.5 34.5 51.7

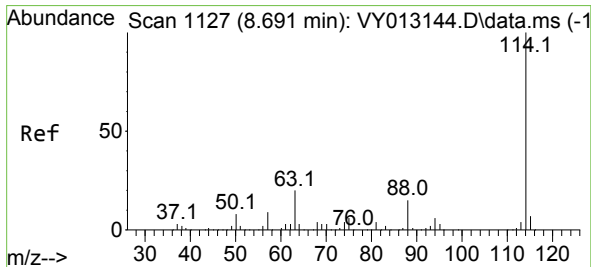
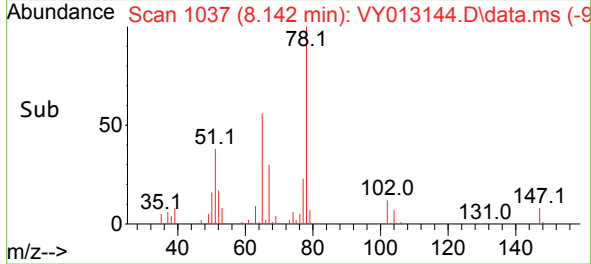
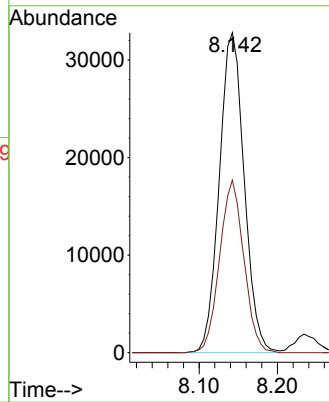
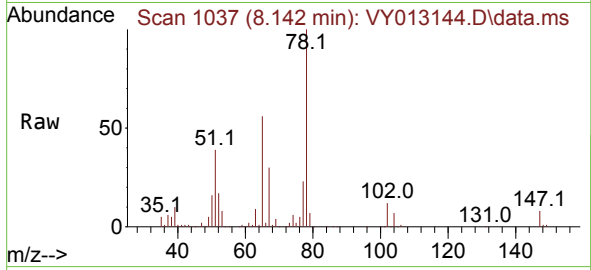




#33
 1,2-Dichloroethane-d4
 Concen: 48.273 ug/l
 RT: 8.142 min Scan# 1037
 Delta R.T. 0.000 min
 Lab File: VY013144.D
 Acq: 30 Mar 2023 11:21

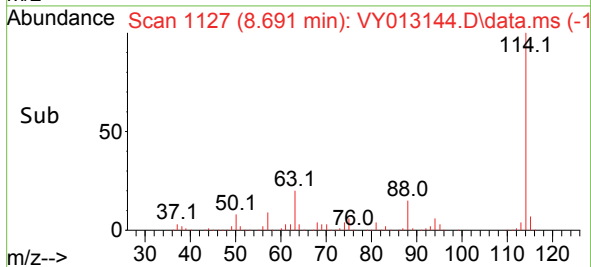
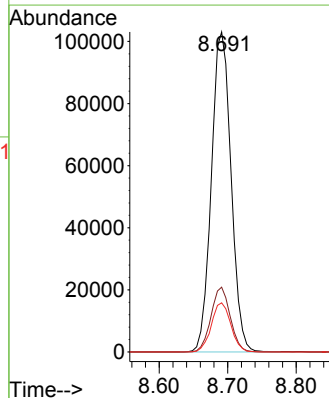
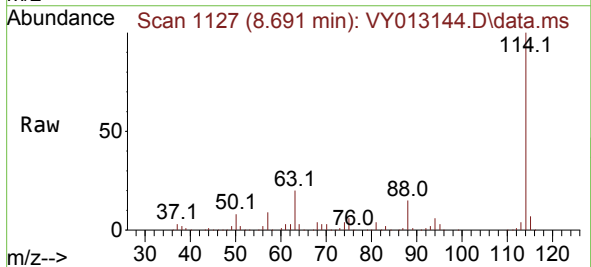
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

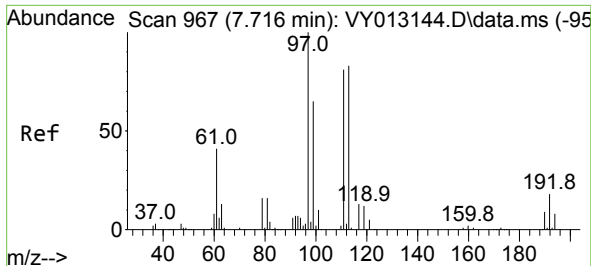
Tgt Ion: 65 Resp: 72525
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VY013144.D
 Acq: 30 Mar 2023 11:21

Tgt Ion: 114 Resp: 205417
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 37.4
 88 15.3 0.0 28.6

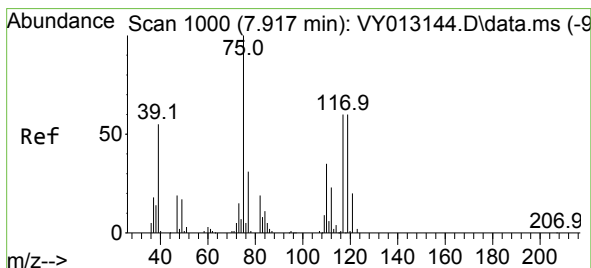
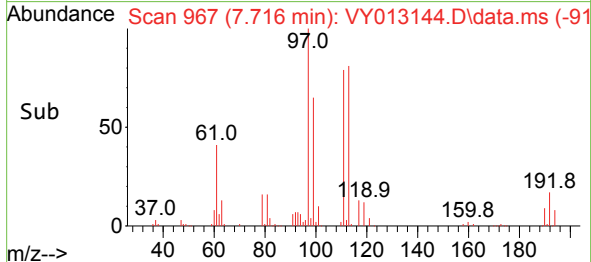
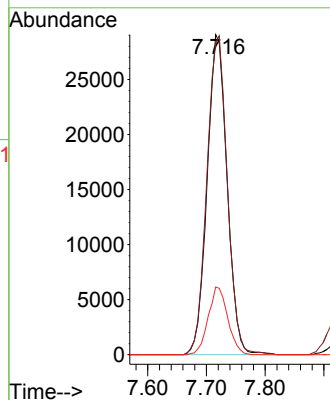
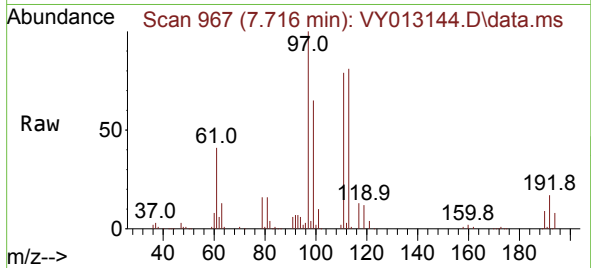




#35
Dibromofluoromethane
Concen: 51.097 ug/l
RT: 7.716 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY013144.D
Acq: 30 Mar 2023 11:21

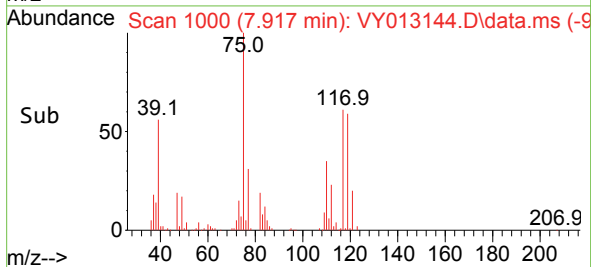
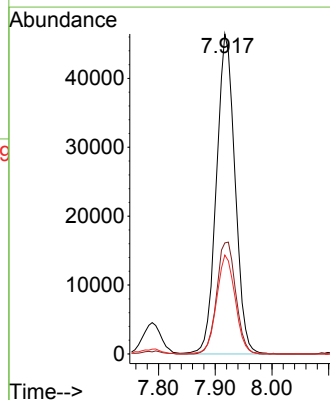
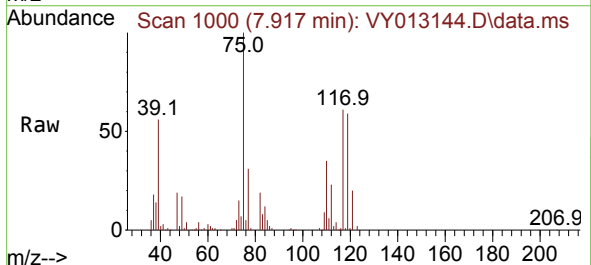
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

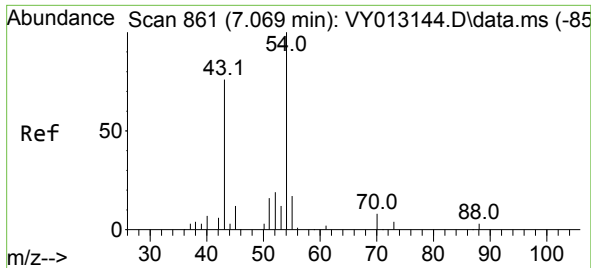
Tgt Ion:113 Resp: 68568
Ion Ratio Lower Upper
113 100
111 102.0 82.2 123.2
192 20.7 16.8 25.2



#36
1,1-Dichloropropene
Concen: 52.380 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY013144.D
Acq: 30 Mar 2023 11:21

Tgt Ion: 75 Resp: 105816
Ion Ratio Lower Upper
75 100
110 35.9 17.8 53.3
77 31.0 25.0 37.4





#37

Ethyl Acetate

Concen: 53.709 ug/l

RT: 7.069 min Scan# 861

Delta R.T. 0.000 min

Lab File: VY013144.D

Acq: 30 Mar 2023 11:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

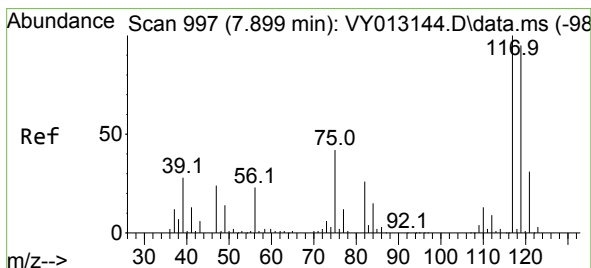
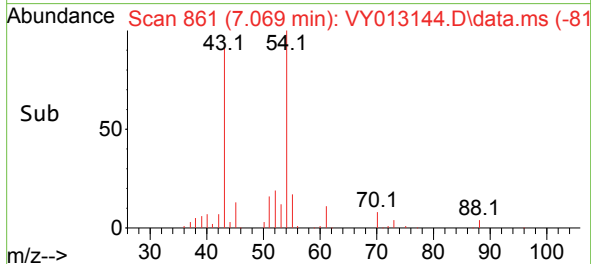
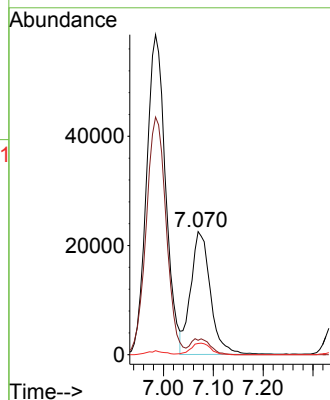
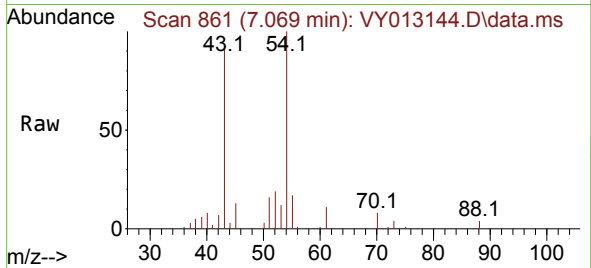
Tgt Ion: 43 Resp: 61635

Ion Ratio Lower Upper

43 100

61 12.9 10.7 16.1

70 9.5 7.8 11.8



#38

Carbon Tetrachloride

Concen: 50.931 ug/l

RT: 7.899 min Scan# 997

Delta R.T. 0.000 min

Lab File: VY013144.D

Acq: 30 Mar 2023 11:21

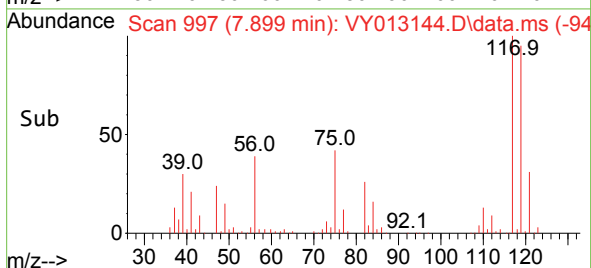
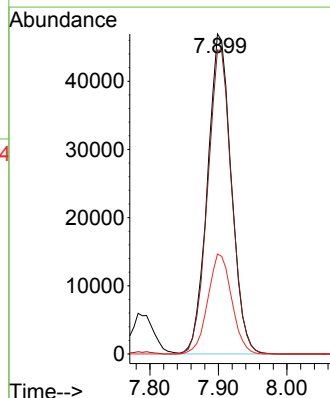
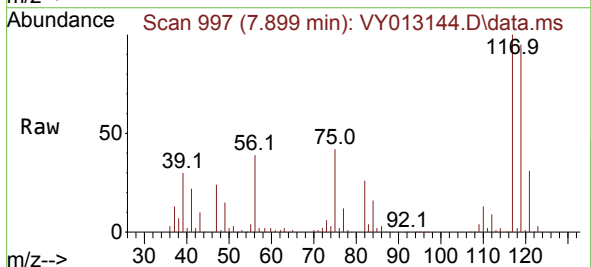
Tgt Ion: 117 Resp: 113526

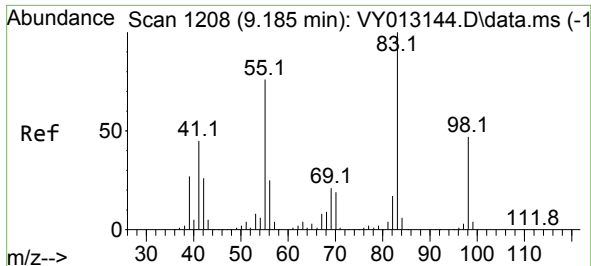
Ion Ratio Lower Upper

117 100

119 95.0 77.2 115.8

121 31.3 24.7 37.1

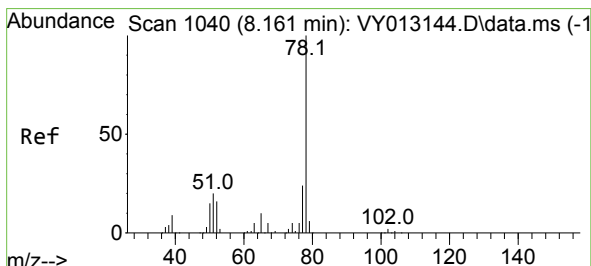
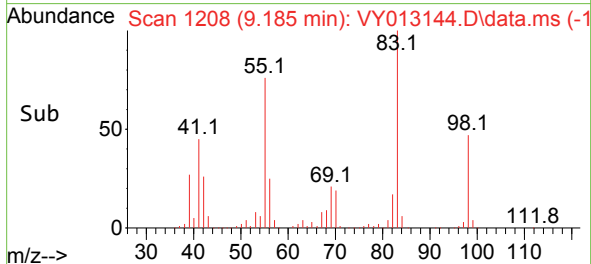
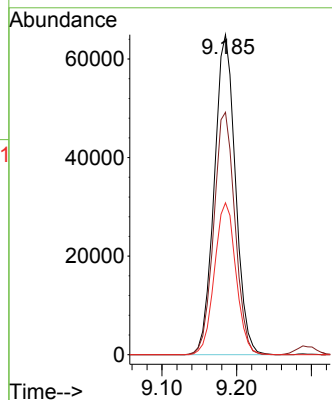
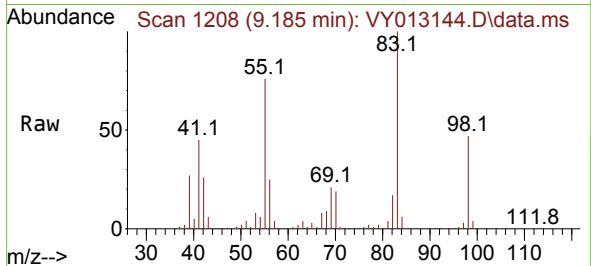




#39
Methylcyclohexane
Concen: 53.902 ug/l
RT: 9.185 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013144.D
Acq: 30 Mar 2023 11:21

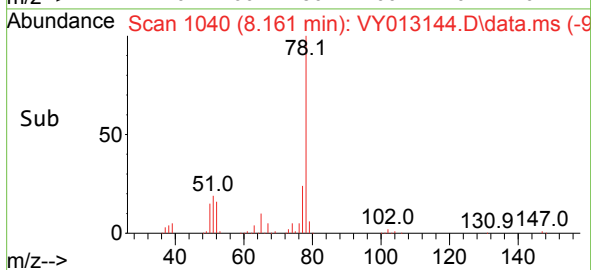
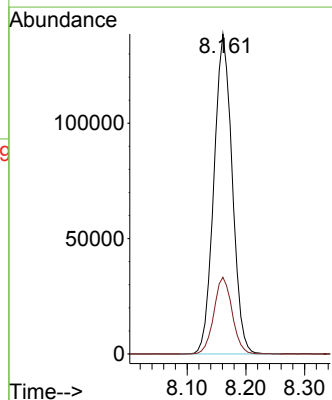
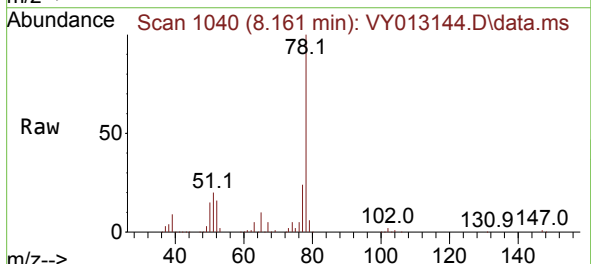
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

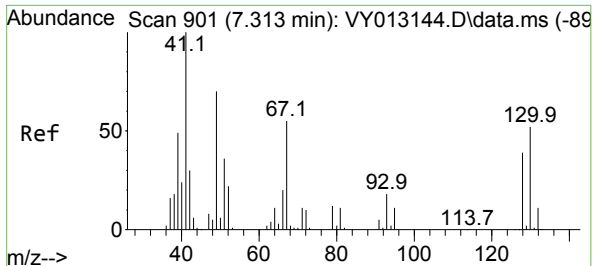
Tgt Ion: 83 Resp: 127750
Ion Ratio Lower Upper
83 100
55 75.7 60.0 90.0
98 47.4 38.3 57.5



#40
Benzene
Concen: 51.325 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY013144.D
Acq: 30 Mar 2023 11:21

Tgt Ion: 78 Resp: 299473
Ion Ratio Lower Upper
78 100
77 24.0 19.4 29.0

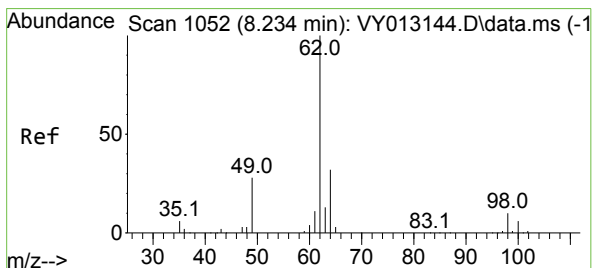
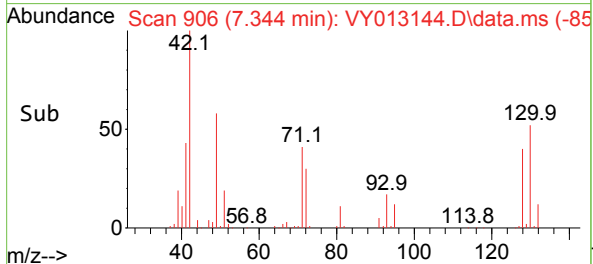
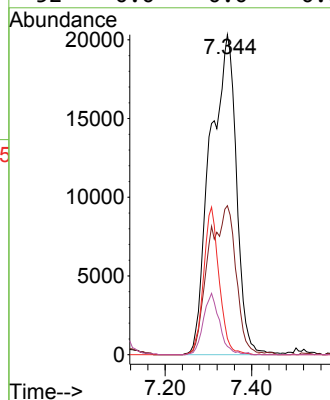
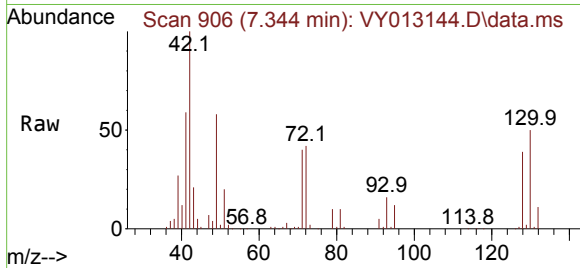




#41
Methacrylonitrile
Concen: 153.102 ug/l
RT: 7.344 min Scan# 906
Delta R.T. 0.030 min
Lab File: VY013144.D
Acq: 30 Mar 2023 11:21

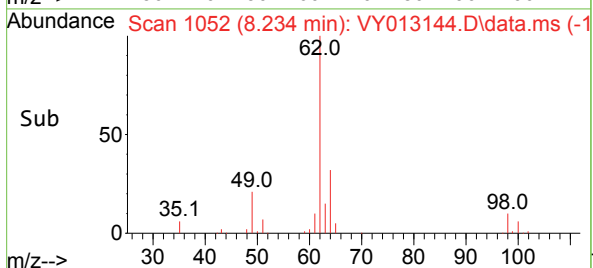
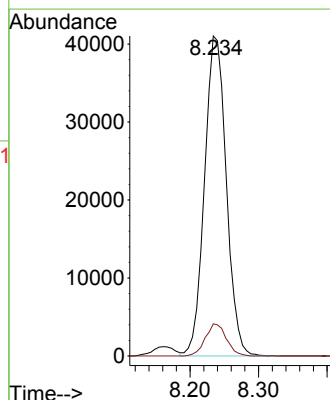
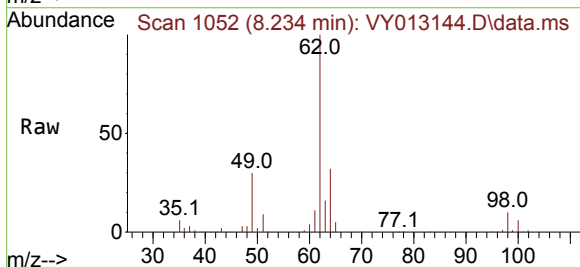
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

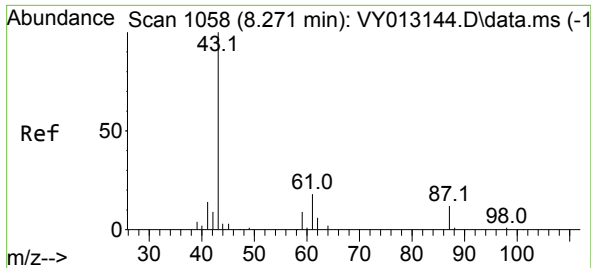
Tgt Ion: 41 Resp: 85349
Ion Ratio Lower Upper
41 100
39 0.0 0.0 0.0
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 50.765 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY013144.D
Acq: 30 Mar 2023 11:21

Tgt Ion: 62 Resp: 90750
Ion Ratio Lower Upper
62 100
98 9.7 0.0 18.8

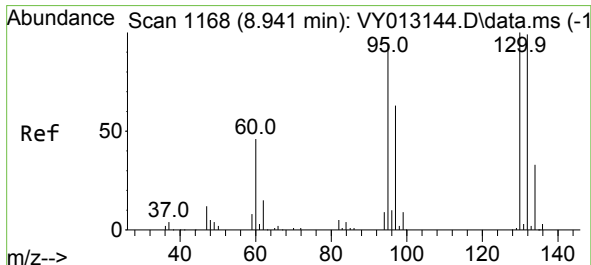
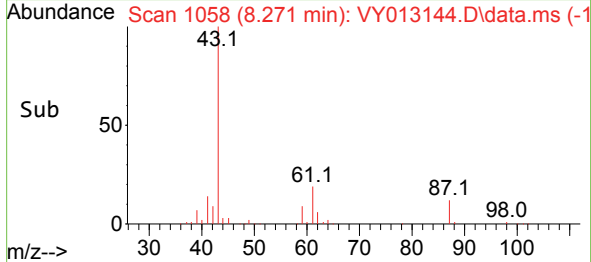
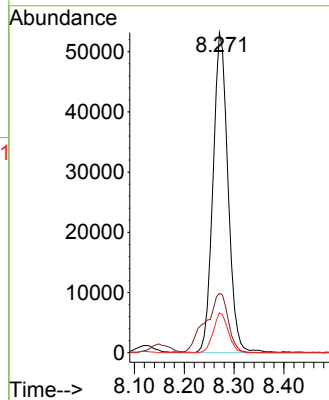
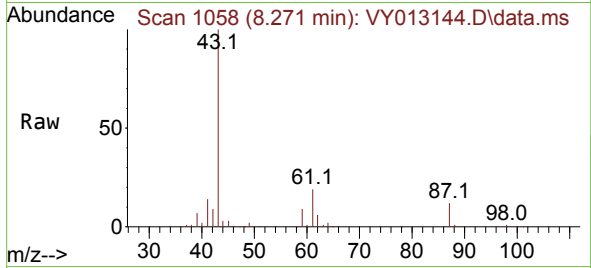




#43
Isopropyl Acetate
Concen: 54.062 ug/l
RT: 8.271 min Scan# 11051
Delta R.T. 0.000 min
Lab File: VY013144.D
Acq: 30 Mar 2023 11:21

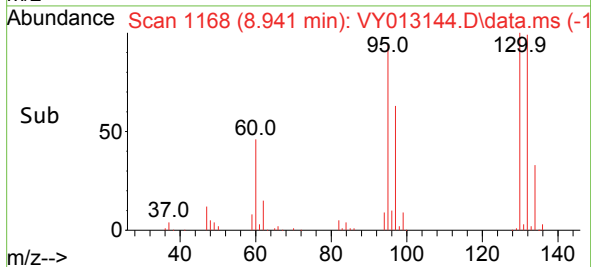
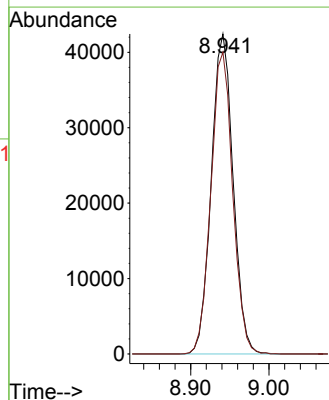
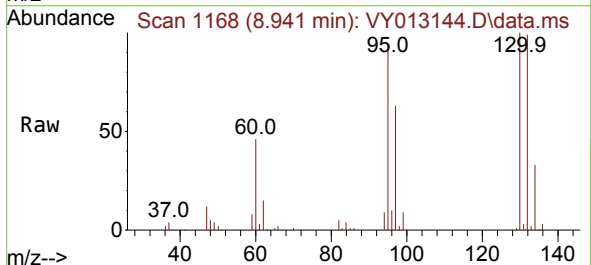
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

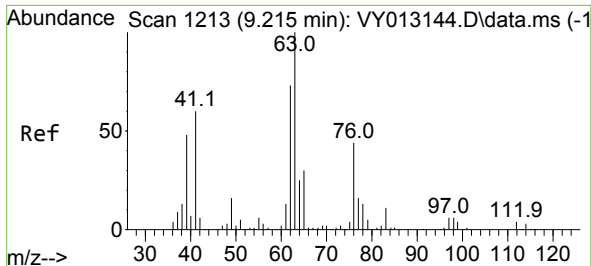
Tgt Ion:	43	Resp:	111051
Ion	Ratio	Lower	Upper
43	100		
61	27.9	21.6	32.4
87	12.3	9.9	14.9



#44
Trichloroethene
Concen: 51.031 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VY013144.D
Acq: 30 Mar 2023 11:21

Tgt Ion:	130	Resp:	81968
Ion	Ratio	Lower	Upper
130	100		
95	94.3	0.0	185.0

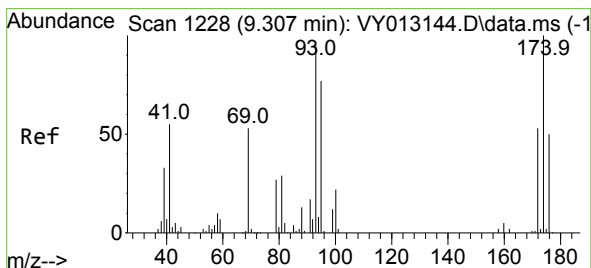
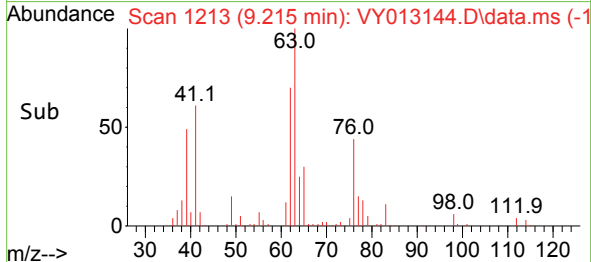
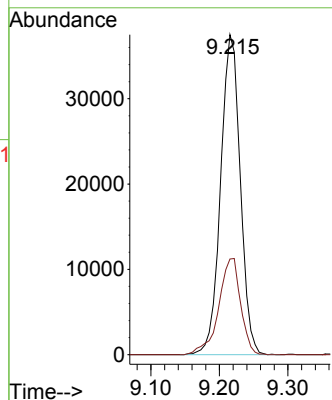
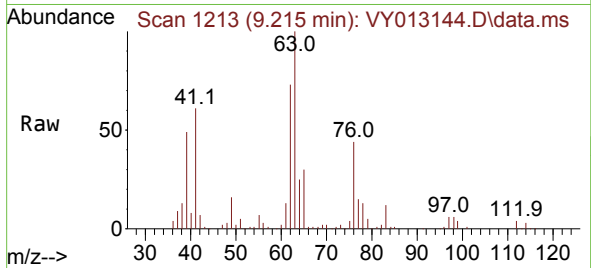




#45
1,2-Dichloropropane
Concen: 50.936 ug/l
RT: 9.215 min Scan# 1213
Delta R.T. 0.000 min
Lab File: VY013144.D
Acq: 30 Mar 2023 11:21

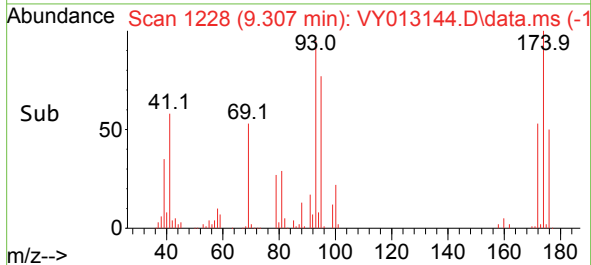
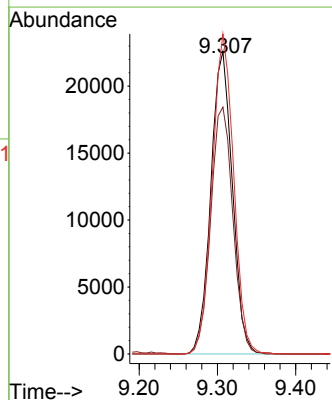
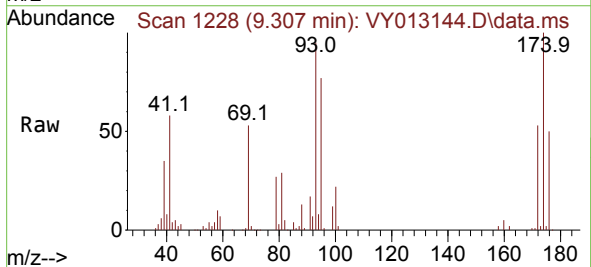
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

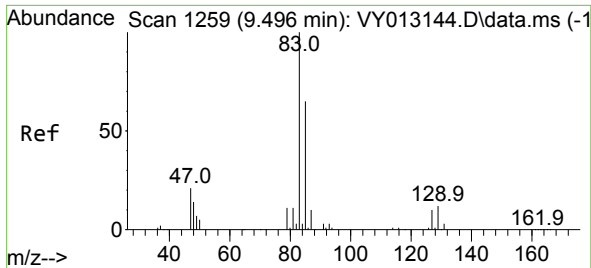
Tgt Ion: 63 Resp: 74422
Ion Ratio Lower Upper
63 100
65 29.9 25.7 38.5



#46
Dibromomethane
Concen: 51.403 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VY013144.D
Acq: 30 Mar 2023 11:21

Tgt Ion: 93 Resp: 43144
Ion Ratio Lower Upper
93 100
95 84.2 65.6 98.4
174 105.3 81.3 121.9

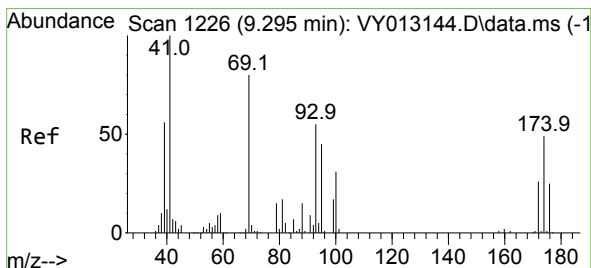
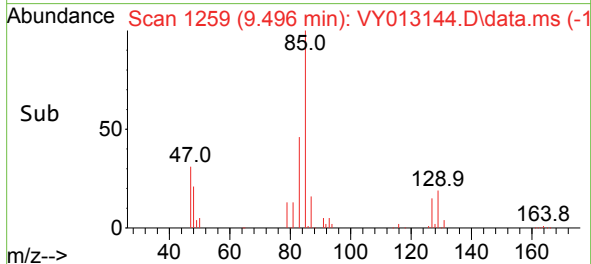
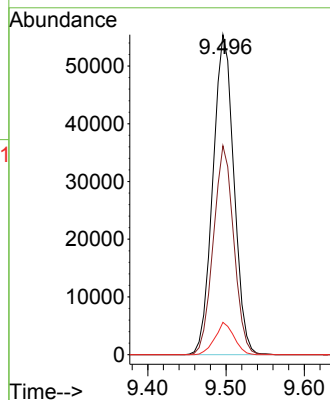
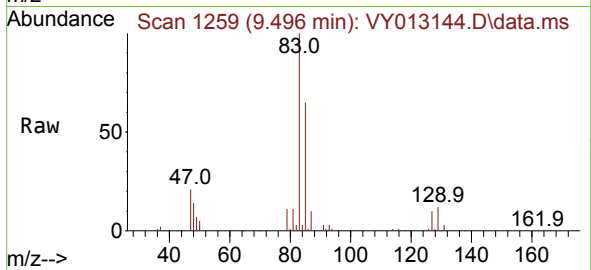




#47
Bromodichloromethane
Concen: 50.993 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY013144.D
Acq: 30 Mar 2023 11:21

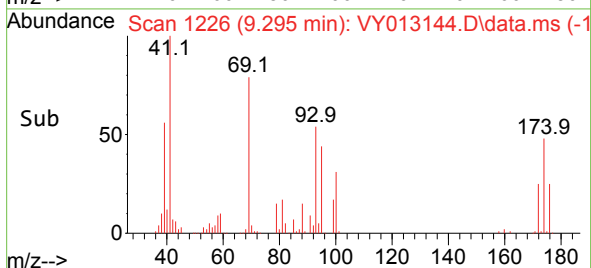
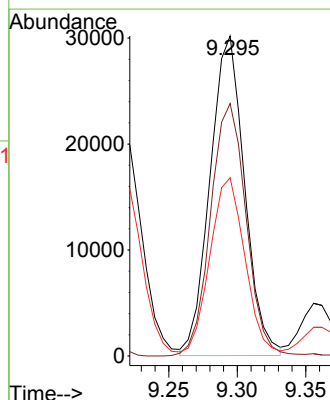
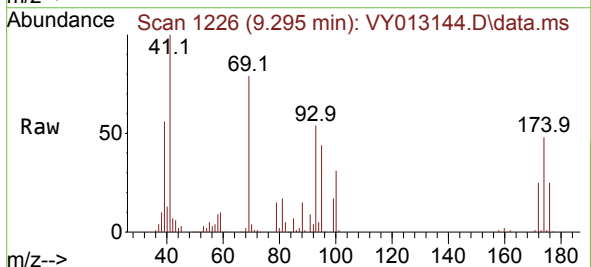
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

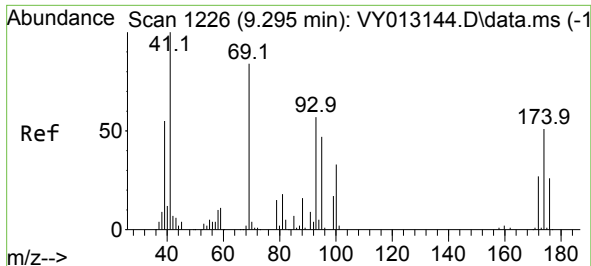
Tgt Ion: 83 Resp: 103273
Ion Ratio Lower Upper
83 100
85 65.3 50.2 75.4
127 10.1 6.3 9.5#



#48
Methyl methacrylate
Concen: 55.155 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.000 min
Lab File: VY013144.D
Acq: 30 Mar 2023 11:21

Tgt Ion: 41 Resp: 52766
Ion Ratio Lower Upper
41 100
69 81.6 64.1 96.1
39 54.5 44.0 66.0





#49

1,4-Dioxane

Concen: 1117.361 ug/l

RT: 9.295 min Scan# 11157

Delta R.T. 0.000 min

Lab File: VY013144.D

Acq: 30 Mar 2023 11:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

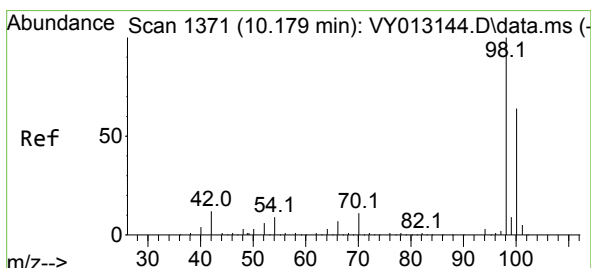
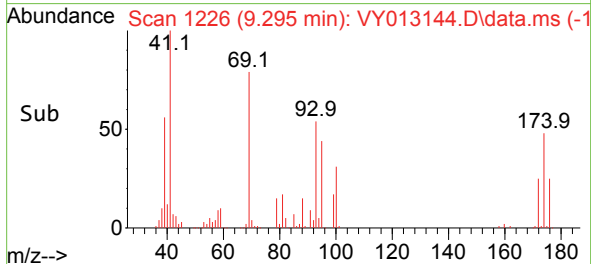
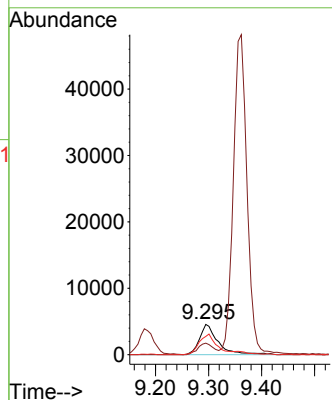
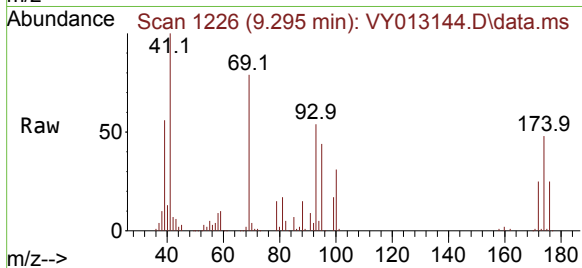
Tgt Ion: 88 Resp: 11157

Ion Ratio Lower Upper

88 100

43 32.3 28.6 42.8

58 63.4 55.2 82.8



#50

Toluene-d8

Concen: 51.683 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY013144.D

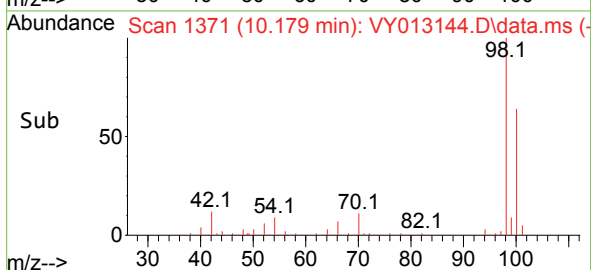
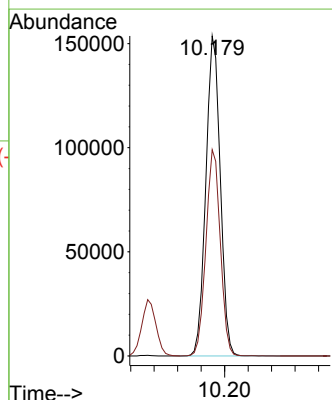
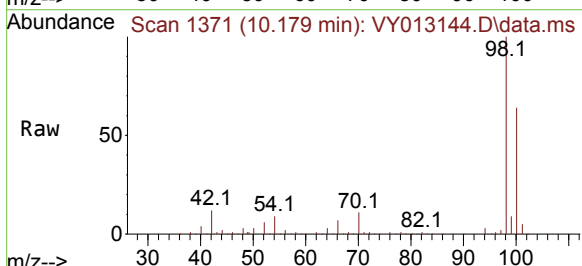
Acq: 30 Mar 2023 11:21

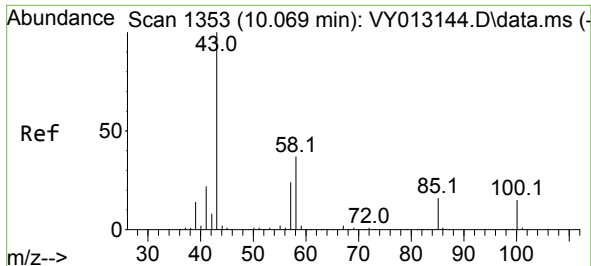
Tgt Ion: 98 Resp: 261823

Ion Ratio Lower Upper

98 100

100 64.3 50.9 76.3

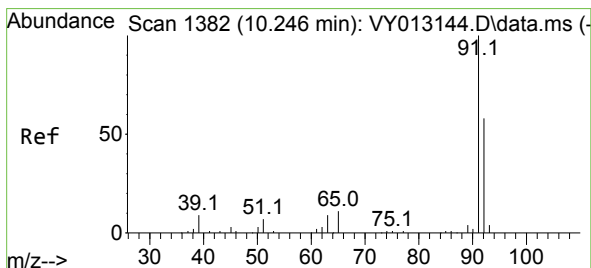
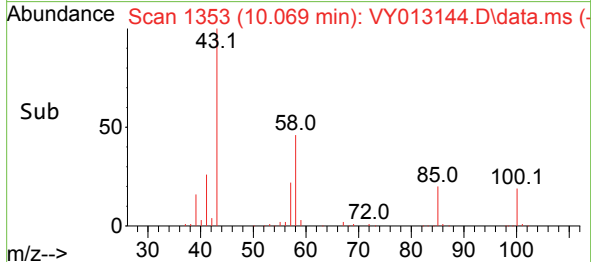
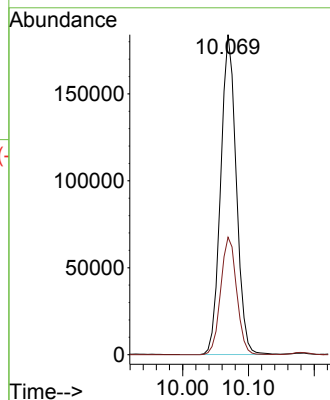
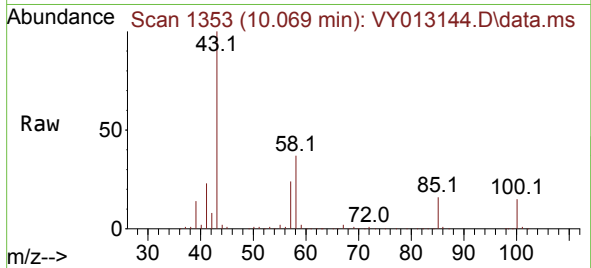




#51
4-Methyl-2-Pentanone
Concen: 274.318 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY013144.D
Acq: 30 Mar 2023 11:21

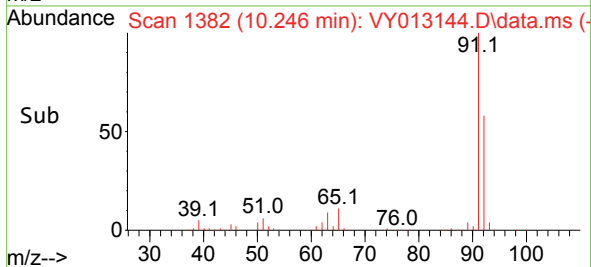
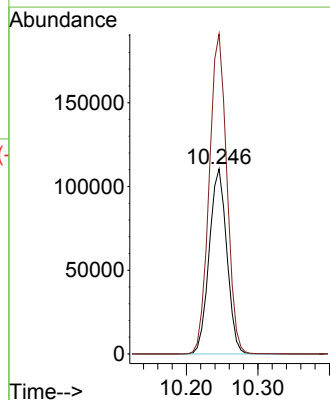
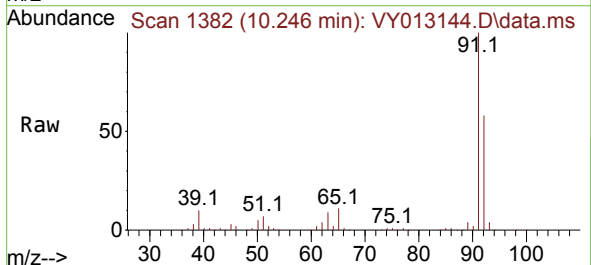
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

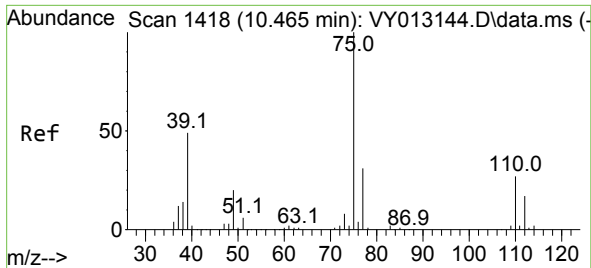
Tgt Ion: 43 Resp: 304111
Ion Ratio Lower Upper
43 100
58 37.6 29.8 44.6



#52
Toluene
Concen: 52.155 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VY013144.D
Acq: 30 Mar 2023 11:21

Tgt Ion: 92 Resp: 188771
Ion Ratio Lower Upper
92 100
91 172.7 141.3 211.9

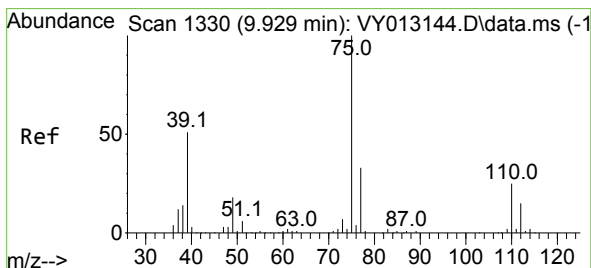
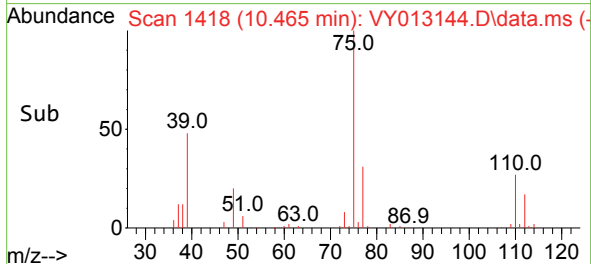
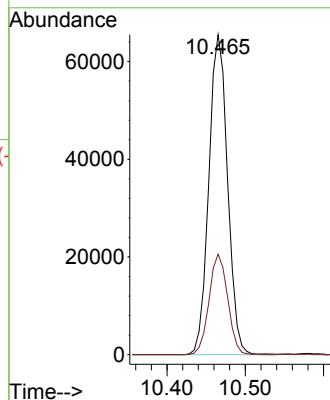
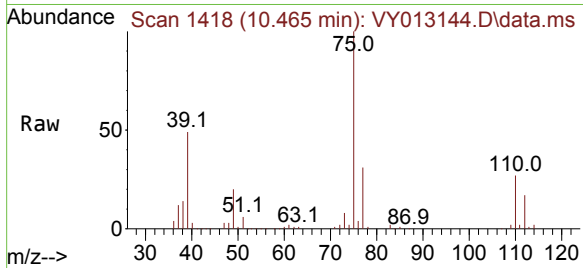




#53
t-1,3-Dichloropropene
Concen: 52.512 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY013144.D
Acq: 30 Mar 2023 11:21

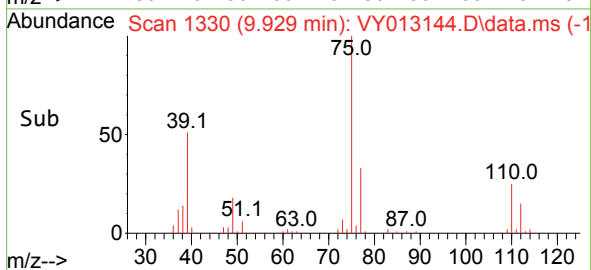
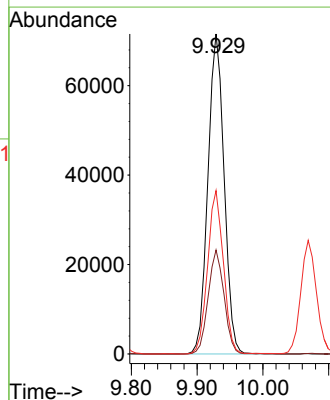
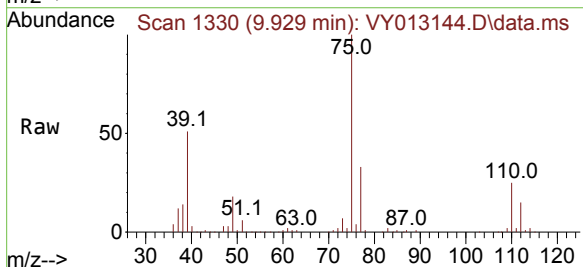
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

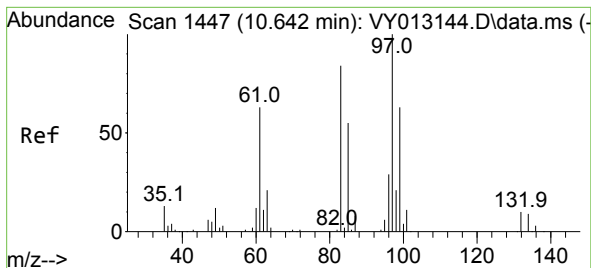
Tgt Ion: 75 Resp: 108703
Ion Ratio Lower Upper
75 100
77 31.4 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 51.859 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. 0.000 min
Lab File: VY013144.D
Acq: 30 Mar 2023 11:21

Tgt Ion: 75 Resp: 122604
Ion Ratio Lower Upper
75 100
77 32.5 25.4 38.0
39 51.1 39.0 58.4





#55

1,1,2-Trichloroethane

Concen: 51.337 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. 0.000 min

Lab File: VY013144.D

Acq: 30 Mar 2023 11:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tgt Ion: 97 Resp: 59562

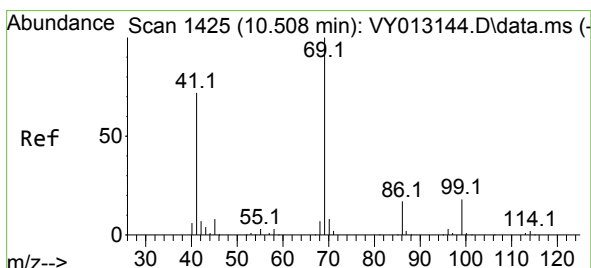
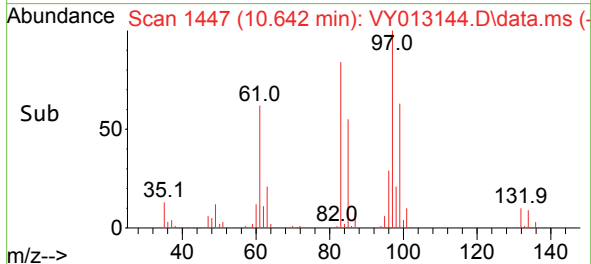
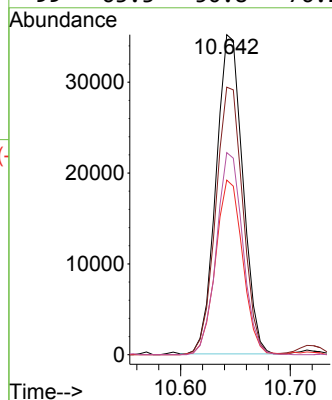
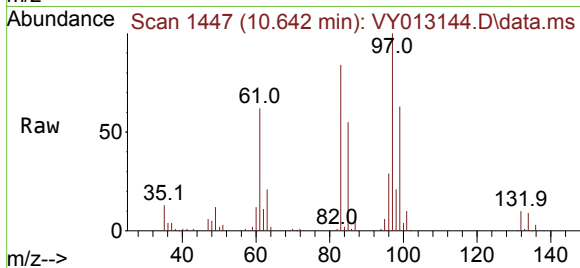
Ion Ratio Lower Upper

97 100

83 83.8 69.0 103.6

85 54.7 44.9 67.3

99 63.3 50.8 76.2



#56

Ethyl methacrylate

Concen: 55.006 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. 0.000 min

Lab File: VY013144.D

Acq: 30 Mar 2023 11:21

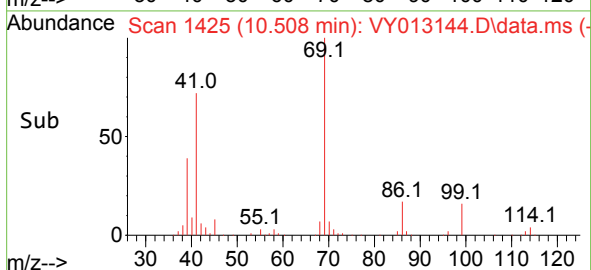
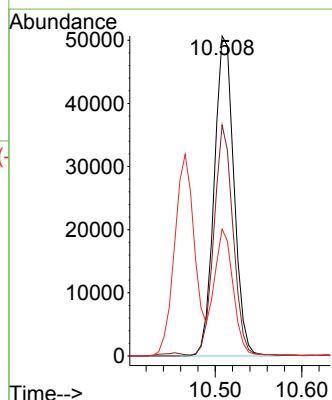
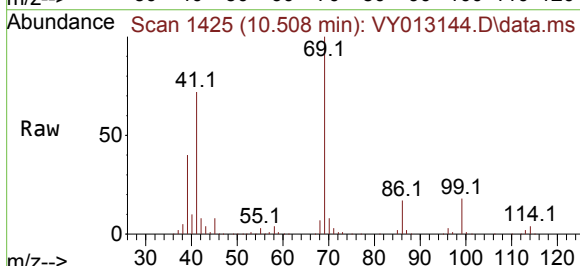
Tgt Ion: 69 Resp: 80239

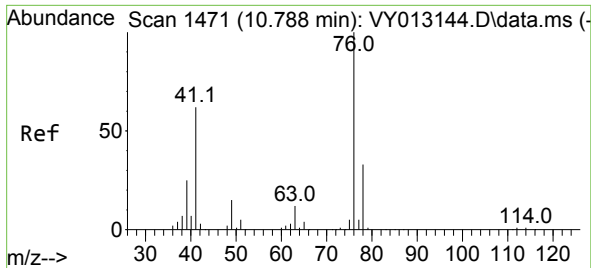
Ion Ratio Lower Upper

69 100

41 69.5 56.4 84.6

39 37.6 30.8 46.2

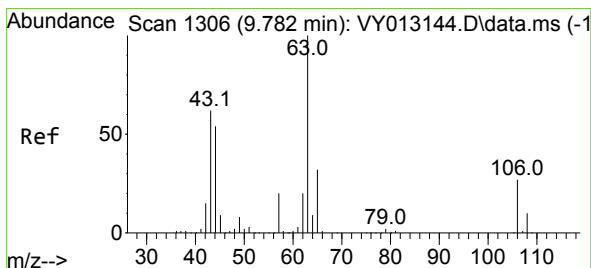
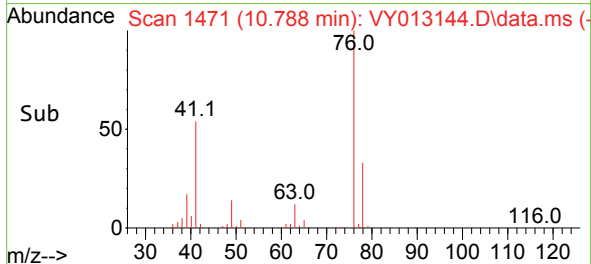
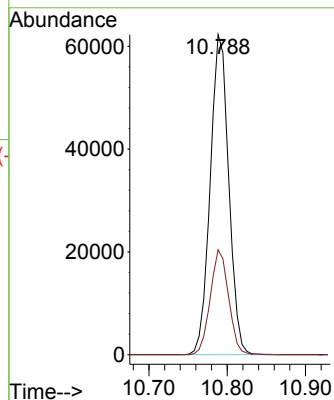
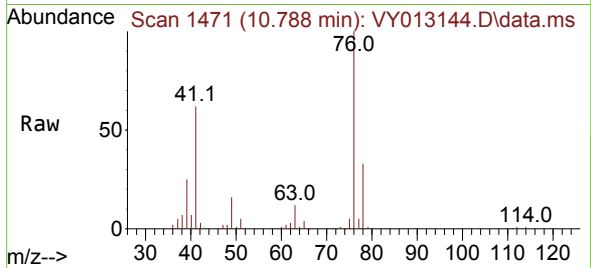




#57
1,3-Dichloropropane
Concen: 52.124 ug/l
RT: 10.788 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VY013144.D
Acq: 30 Mar 2023 11:21

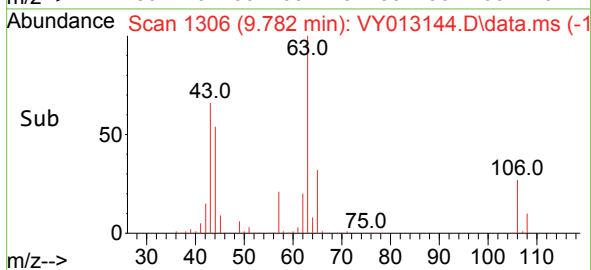
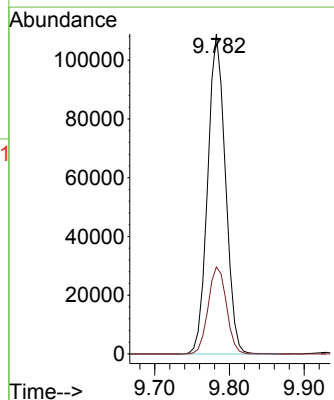
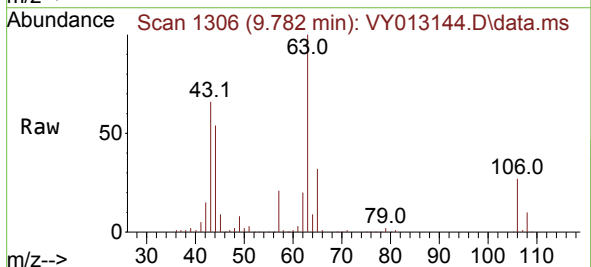
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

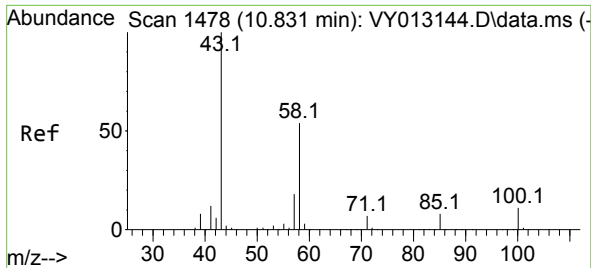
Tgt Ion: 76 Resp: 102092
Ion Ratio Lower Upper
76 100
78 32.5 26.2 39.4



#58
2-Chloroethyl Vinyl ether
Concen: 262.320 ug/l
RT: 9.782 min Scan# 1306
Delta R.T. 0.000 min
Lab File: VY013144.D
Acq: 30 Mar 2023 11:21

Tgt Ion: 63 Resp: 178922
Ion Ratio Lower Upper
63 100
106 28.0 22.1 33.1

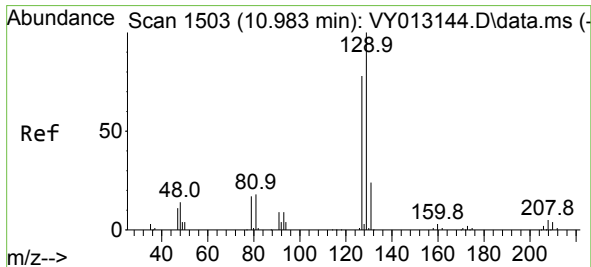
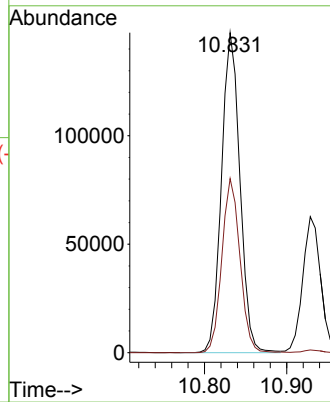
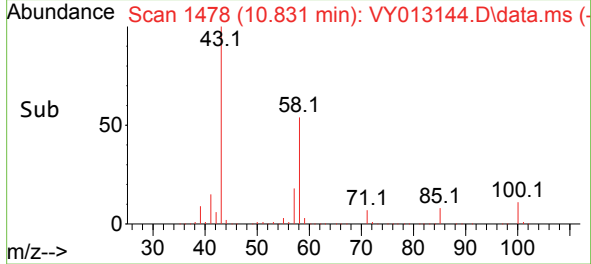
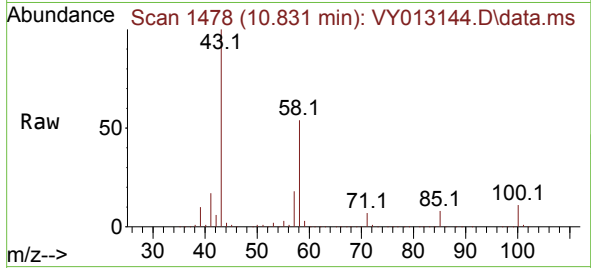




#59
2-Hexanone
Concen: 286.421 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY013144.D
Acq: 30 Mar 2023 11:21

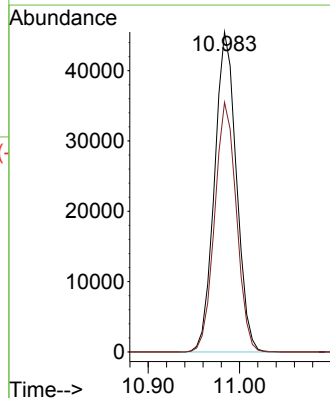
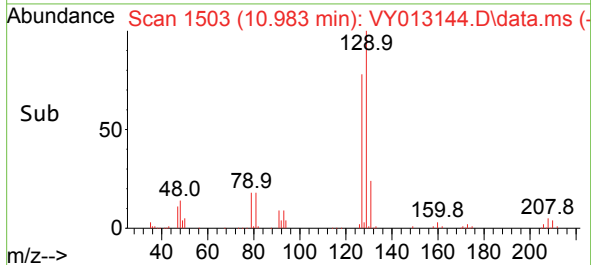
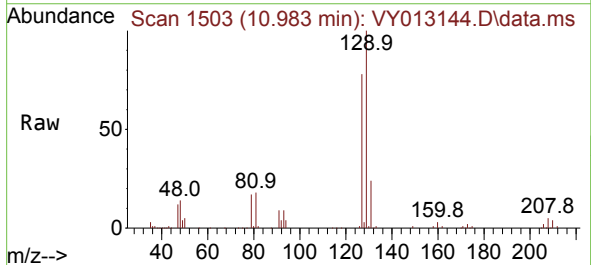
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

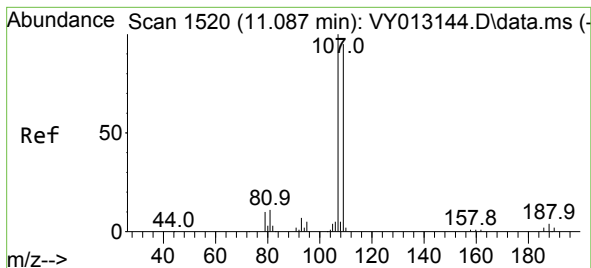
Tgt Ion: 43 Resp: 229644
Ion Ratio Lower Upper
43 100
58 53.6 25.9 77.8



#60
Dibromochloromethane
Concen: 51.890 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY013144.D
Acq: 30 Mar 2023 11:21

Tgt Ion:129 Resp: 75614
Ion Ratio Lower Upper
129 100
127 77.6 38.7 116.1

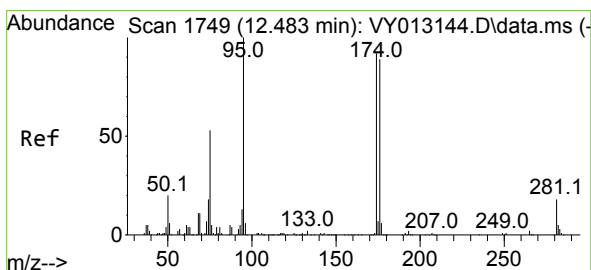
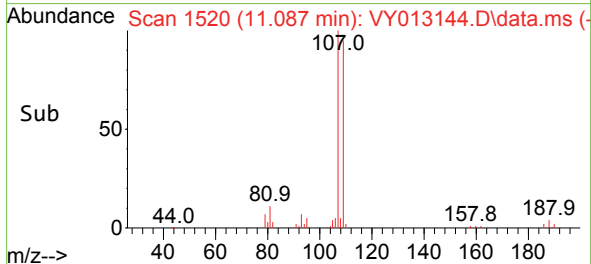
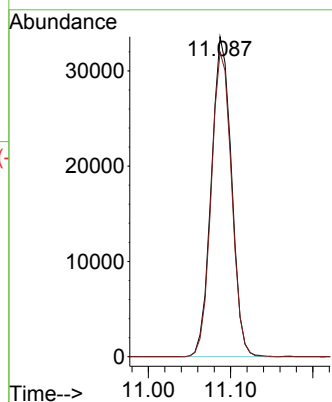
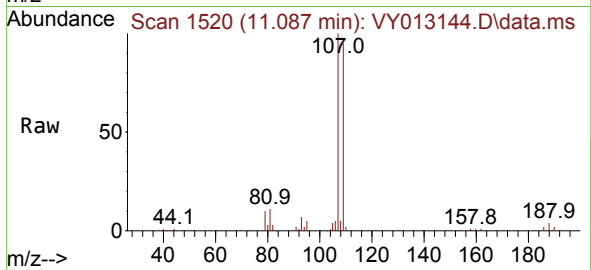




#61
1,2-Dibromoethane
Concen: 50.888 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY013144.D
Acq: 30 Mar 2023 11:21

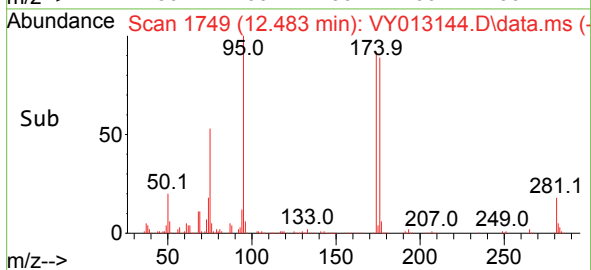
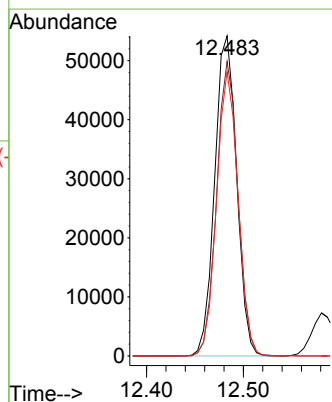
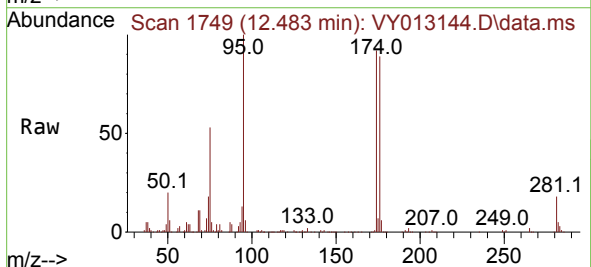
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

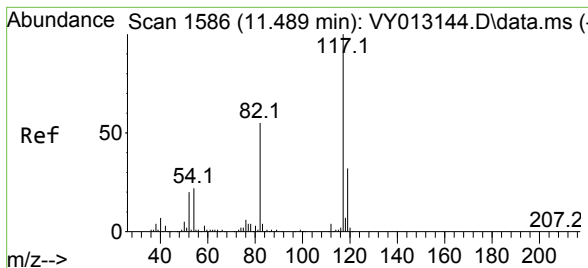
Tgt Ion:107 Resp: 57205
Ion Ratio Lower Upper
107 100
109 95.9 75.0 112.6



#62
4-Bromofluorobenzene
Concen: 51.760 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY013144.D
Acq: 30 Mar 2023 11:21

Tgt Ion: 95 Resp: 85351
Ion Ratio Lower Upper
95 100
174 89.5 0.0 176.6
176 86.4 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: VY013144.D

Acq: 30 Mar 2023 11:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

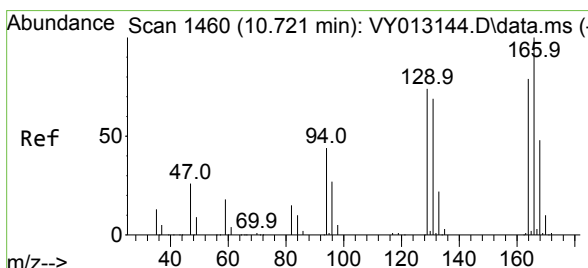
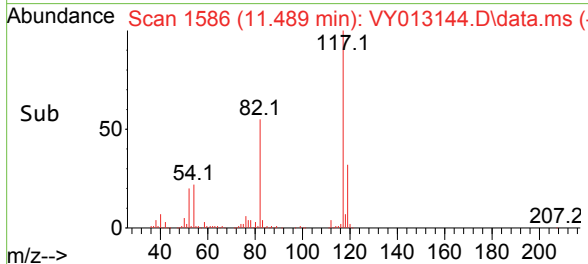
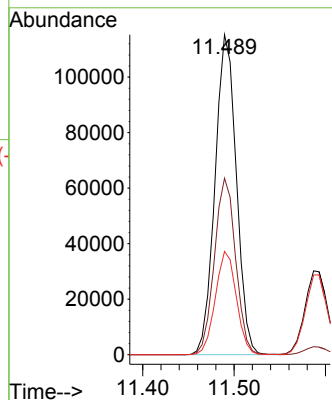
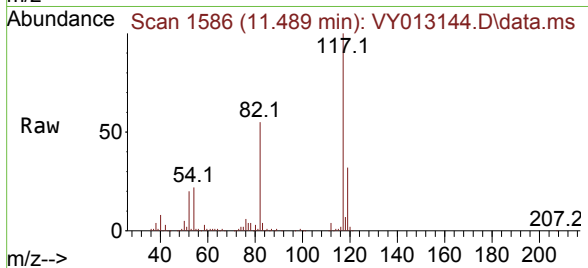
Tgt Ion:117 Resp: 186978

Ion Ratio Lower Upper

117 100

82 55.2 45.4 68.0

119 32.2 25.6 38.4



#64

Tetrachloroethene

Concen: 50.777 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VY013144.D

Acq: 30 Mar 2023 11:21

Tgt Ion:164 Resp: 72990

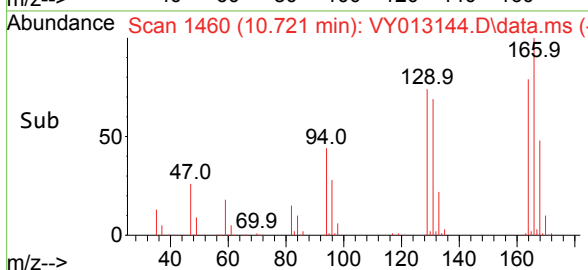
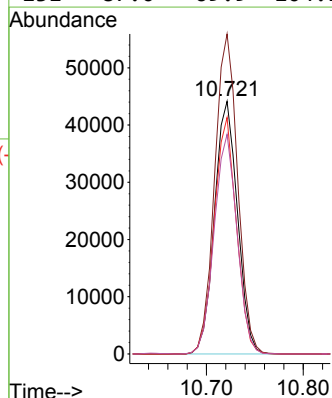
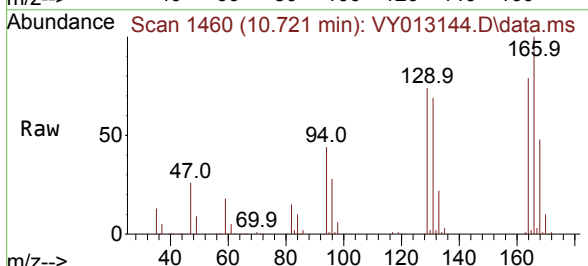
Ion Ratio Lower Upper

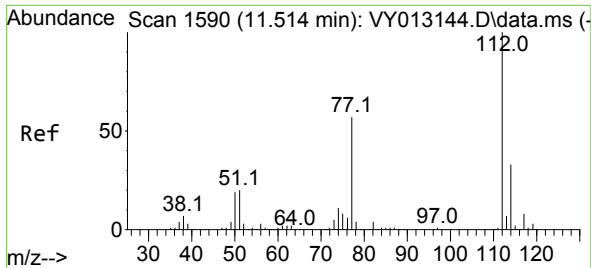
164 100

166 126.7 103.4 155.2

129 93.6 71.4 107.2

131 87.0 69.9 104.9

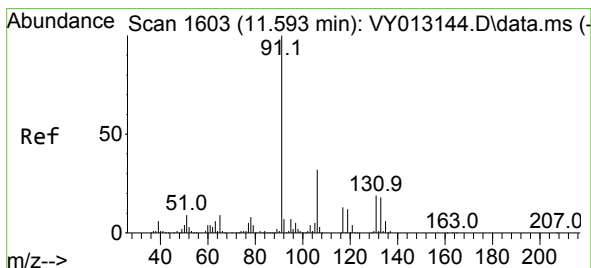
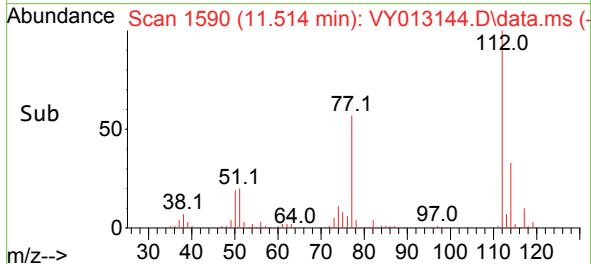
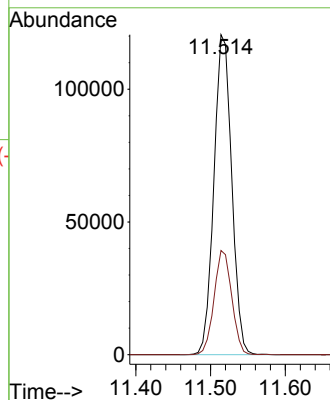
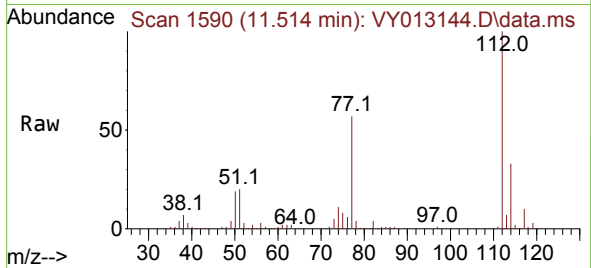




#65
Chlorobenzene
Concen: 50.140 ug/l
RT: 11.514 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VY013144.D
Acq: 30 Mar 2023 11:21

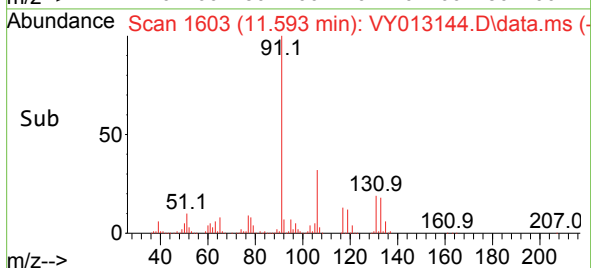
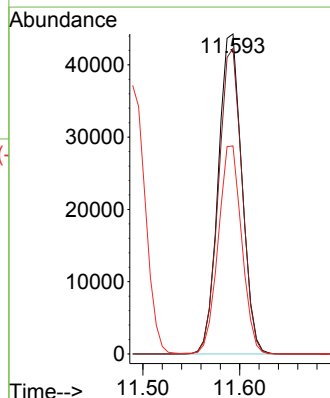
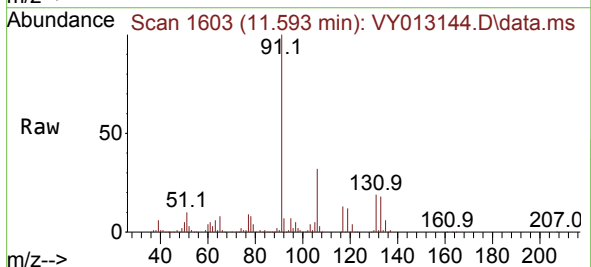
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

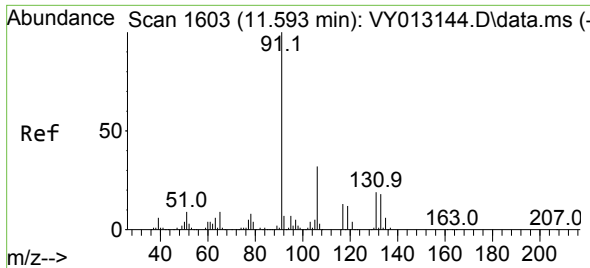
Tgt Ion:112 Resp: 199026
Ion Ratio Lower Upper
112 100
114 32.6 24.5 36.7



#66
1,1,1,2-Tetrachloroethane
Concen: 50.257 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY013144.D
Acq: 30 Mar 2023 11:21

Tgt Ion:131 Resp: 74789
Ion Ratio Lower Upper
131 100
133 95.3 48.0 144.0
119 64.9 32.6 98.0

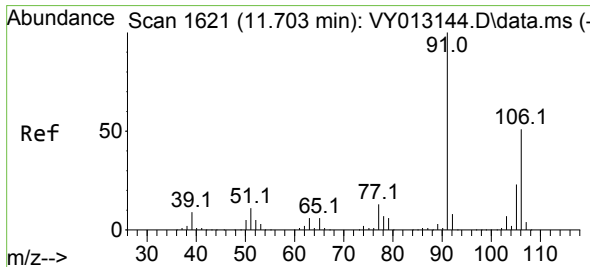
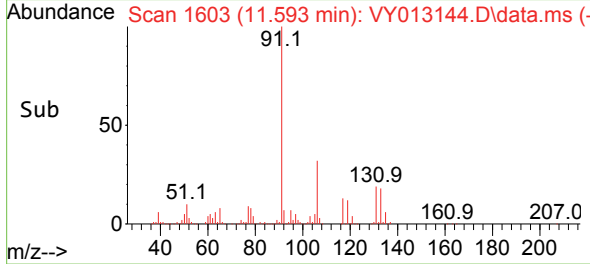
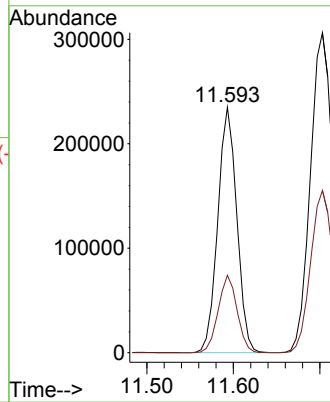
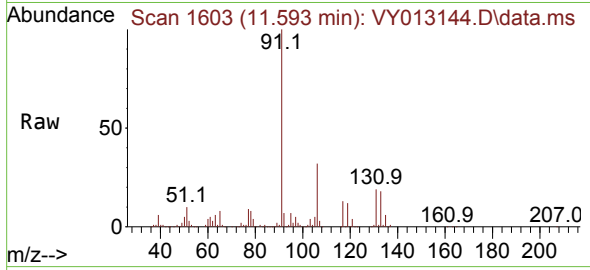




#67
Ethyl Benzene
Concen: 52.252 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY013144.D
Acq: 30 Mar 2023 11:21

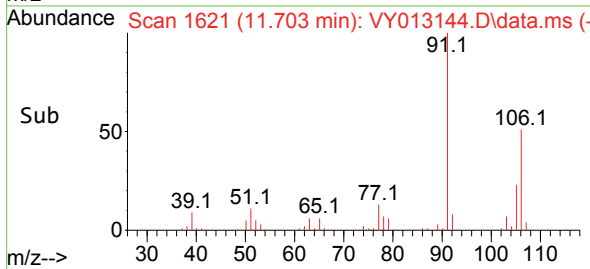
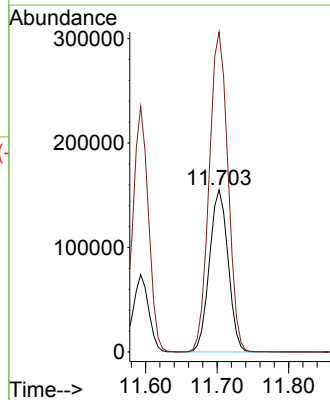
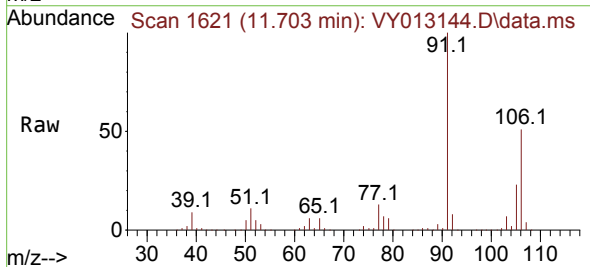
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

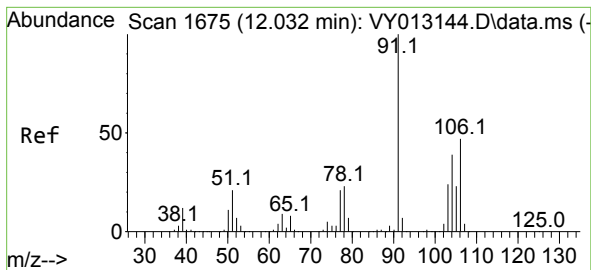
Tgt Ion: 91 Resp: 358221
Ion Ratio Lower Upper
91 100
106 31.6 25.1 37.7



#68
m/p-Xylenes
Concen: 106.229 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VY013144.D
Acq: 30 Mar 2023 11:21

Tgt Ion:106 Resp: 281721
Ion Ratio Lower Upper
106 100
91 198.2 159.8 239.8

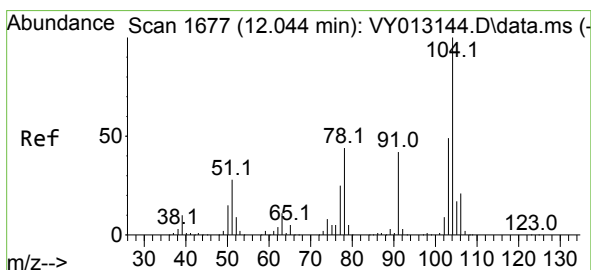
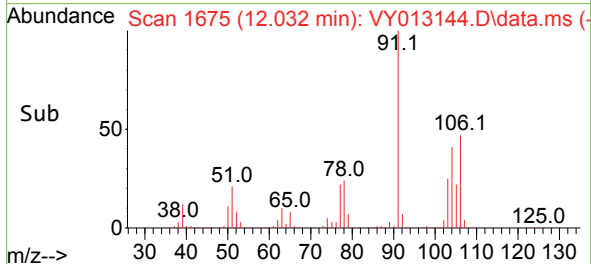
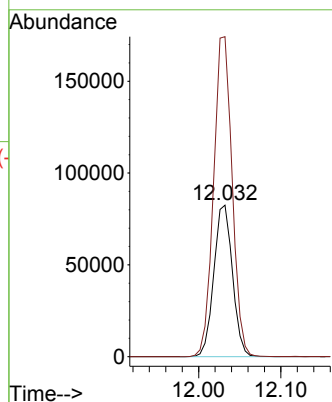
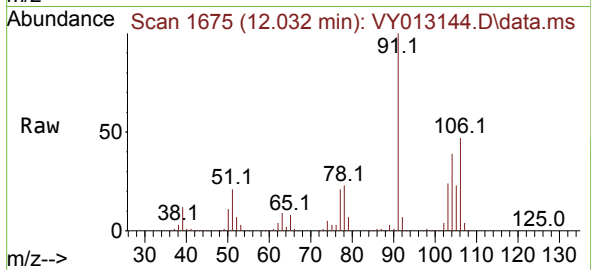




#69
o-Xylene
Concen: 52.749 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY013144.D
Acq: 30 Mar 2023 11:21

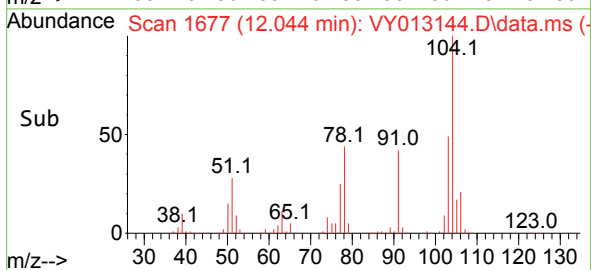
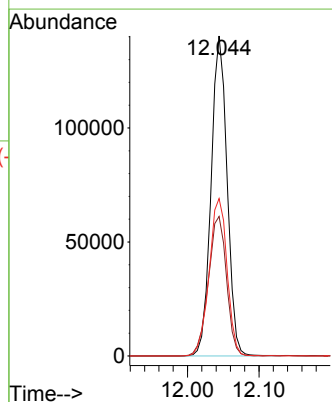
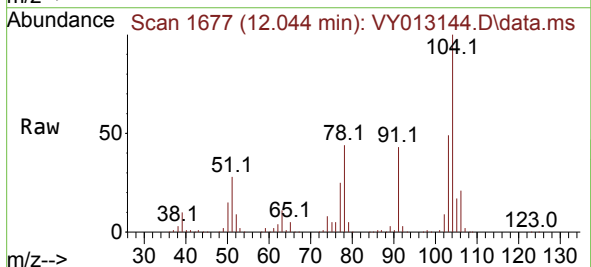
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

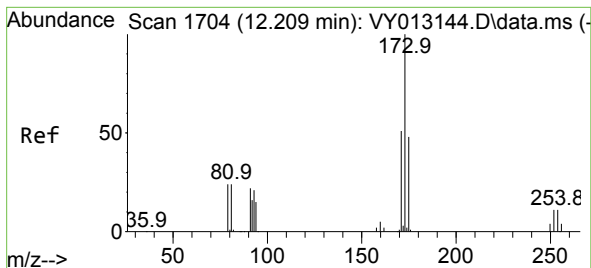
Tgt Ion:106 Resp: 129755
Ion Ratio Lower Upper
106 100
91 211.0 107.2 321.6



#70
Styrene
Concen: 53.105 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY013144.D
Acq: 30 Mar 2023 11:21

Tgt Ion:104 Resp: 218523
Ion Ratio Lower Upper
104 100
78 49.4 39.2 58.8
103 55.0 43.7 65.5





#71

Bromoform

Concen: 52.349 ug/l

RT: 12.209 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY013144.D

Acq: 30 Mar 2023 11:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

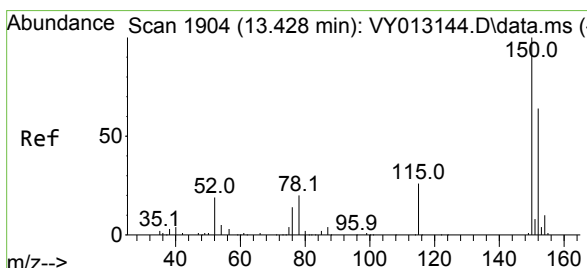
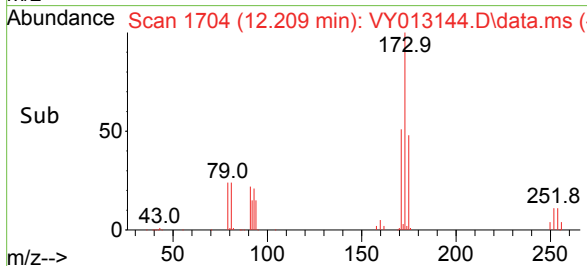
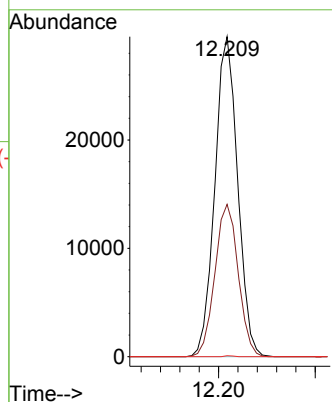
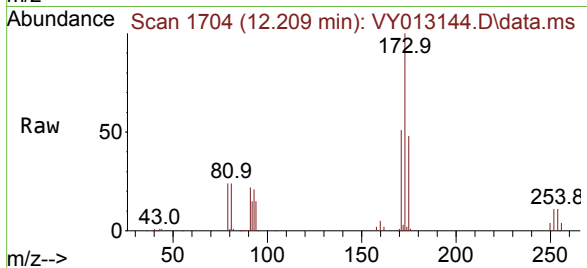
Tgt Ion:173 Resp: 48306

Ion Ratio Lower Upper

173 100

175 48.7 25.0 75.0

254 0.1 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY013144.D

Acq: 30 Mar 2023 11:21

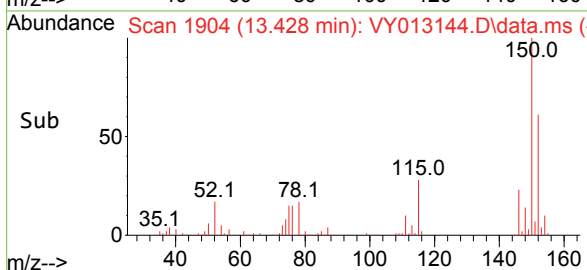
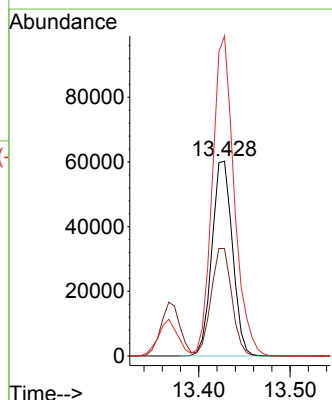
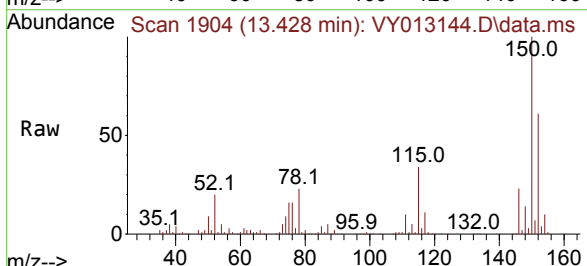
Tgt Ion:152 Resp: 94220

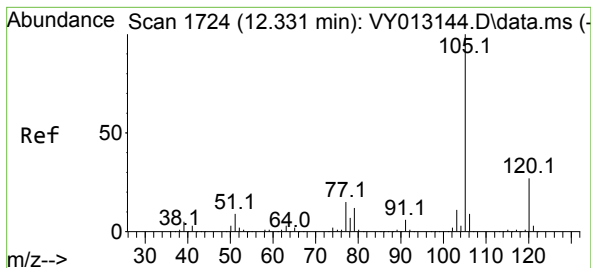
Ion Ratio Lower Upper

152 100

115 55.5 27.1 81.3

150 174.4 0.0 347.8





#73

Isopropylbenzene

Concen: 53.242 ug/l

RT: 12.331 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY013144.D

Acq: 30 Mar 2023 11:21

Instrument :

MSVOA_Y

ClientSampleId :

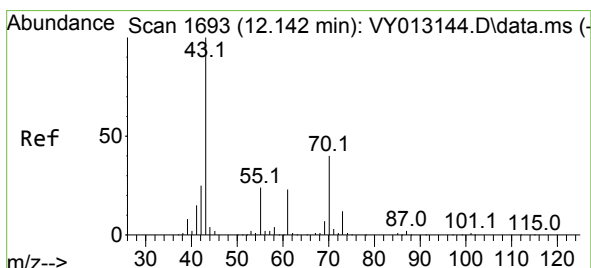
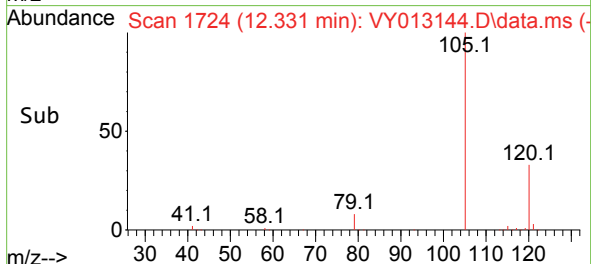
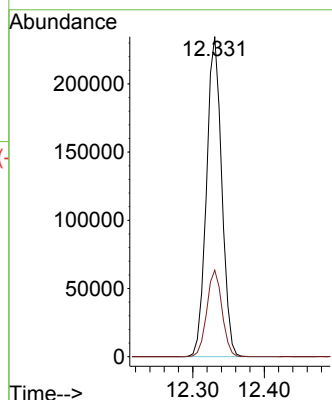
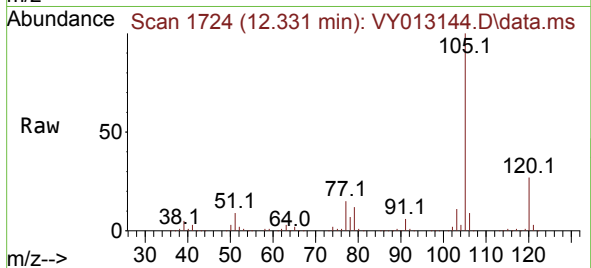
VSTDICCC050

Tgt Ion:105 Resp: 346274

Ion Ratio Lower Upper

105 100

120 27.0 13.4 40.2



#74

N-ethyl acetate

Concen: 54.615 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. 0.000 min

Lab File: VY013144.D

Acq: 30 Mar 2023 11:21

Tgt Ion: 43 Resp: 97527

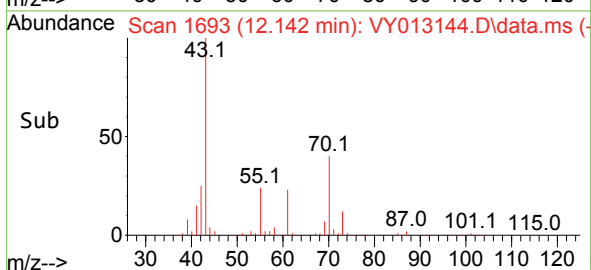
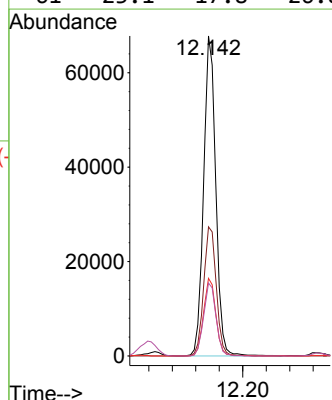
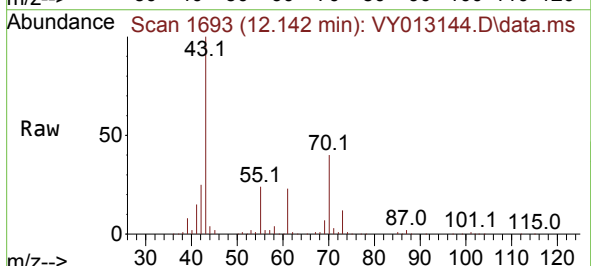
Ion Ratio Lower Upper

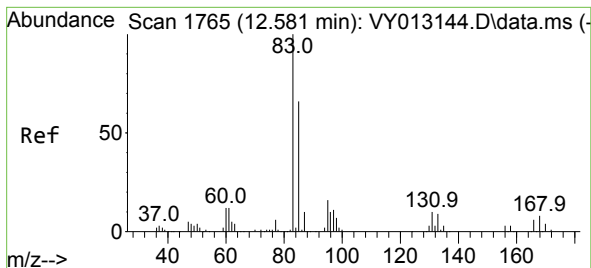
43 100

70 41.8 31.6 47.4

55 24.7 18.8 28.2

61 23.1 17.8 26.8





#75

1,1,2,2-Tetrachloroethane

Concen: 52.571 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. 0.000 min

Lab File: VY013144.D

Acq: 30 Mar 2023 11:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

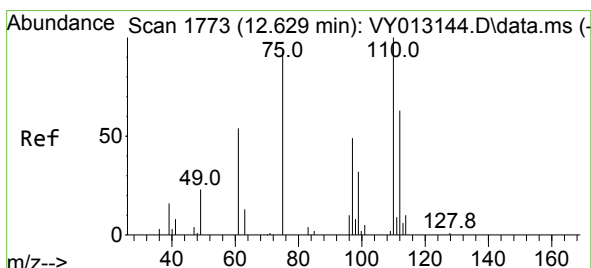
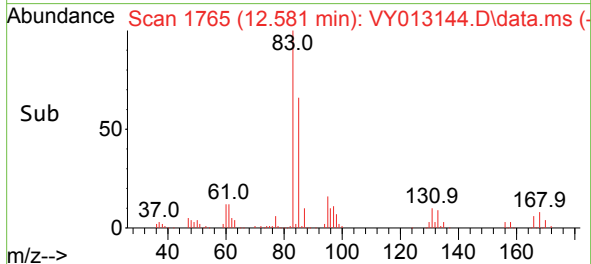
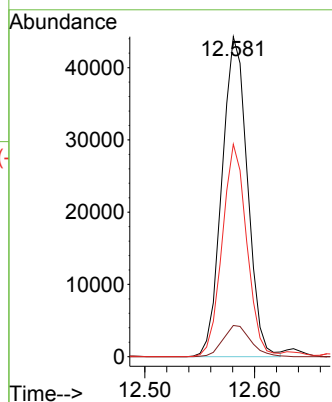
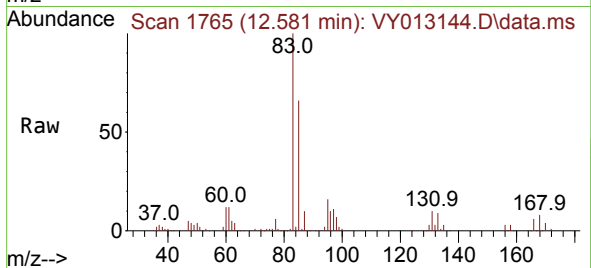
Tgt Ion: 83 Resp: 71619

Ion Ratio Lower Upper

83 100

131 10.6 5.1 15.2

85 64.0 31.8 95.3



#76

1,2,3-Trichloropropane

Concen: 88.023 ug/l

RT: 12.629 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY013144.D

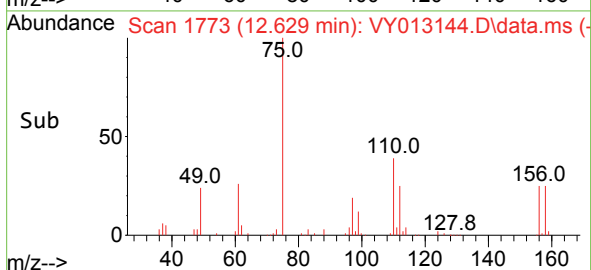
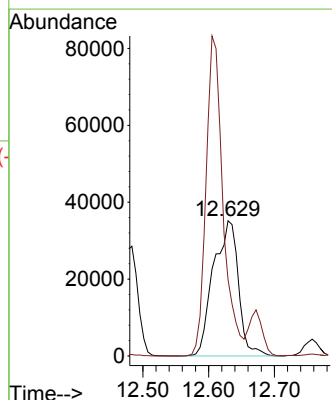
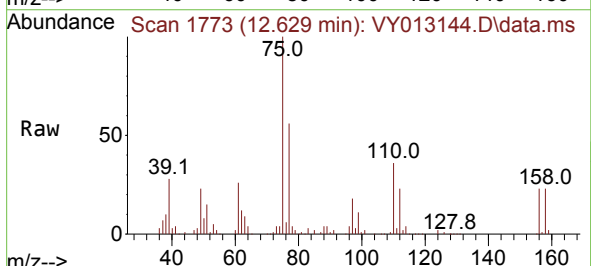
Acq: 30 Mar 2023 11:21

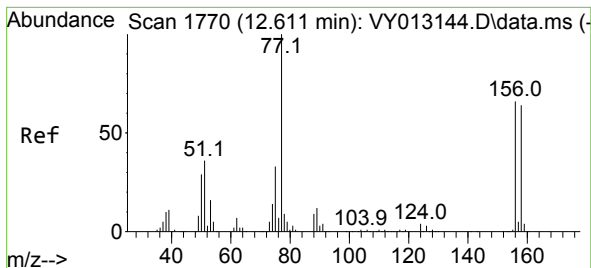
Tgt Ion: 75 Resp: 93144

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 52.038 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.000 min

Lab File: VY013144.D

Acq: 30 Mar 2023 11:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

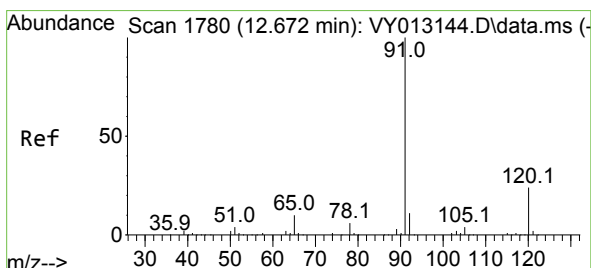
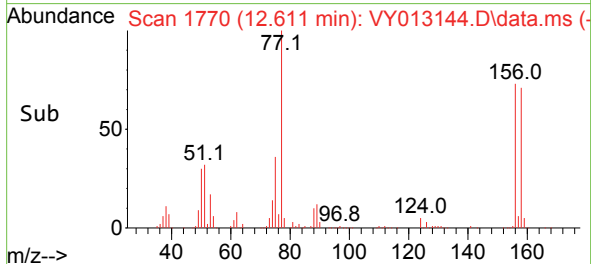
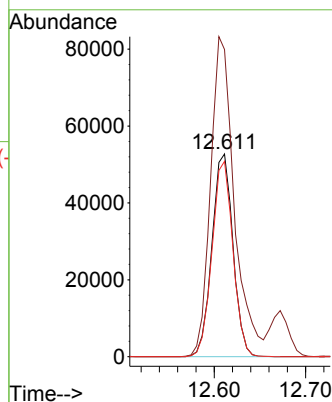
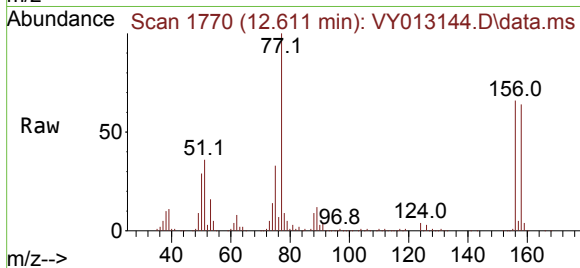
Tgt Ion:156 Resp: 84144

Ion Ratio Lower Upper

156 100

77 178.3 94.0 282.1

158 95.7 48.1 144.4



#78

n-propylbenzene

Concen: 53.108 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY013144.D

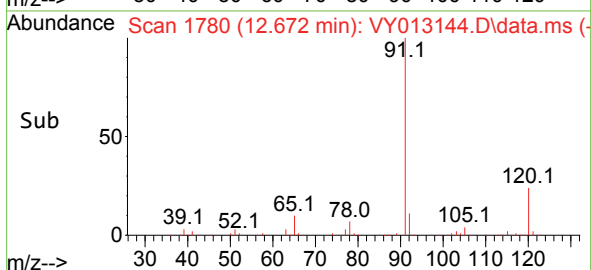
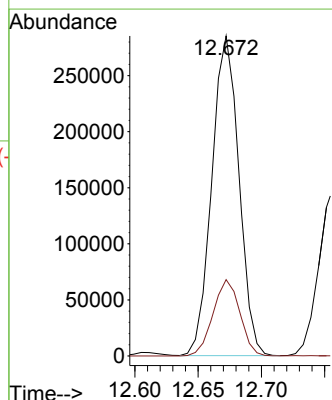
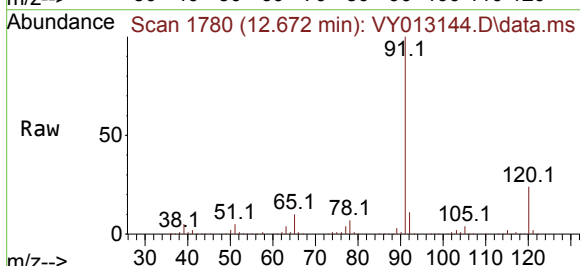
Acq: 30 Mar 2023 11:21

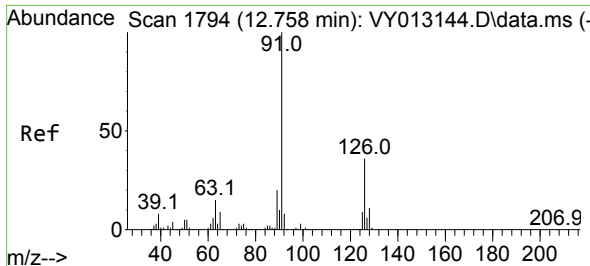
Tgt Ion: 91 Resp: 424693

Ion Ratio Lower Upper

91 100

120 23.6 11.6 34.8

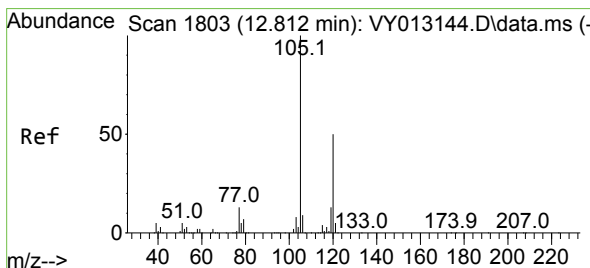
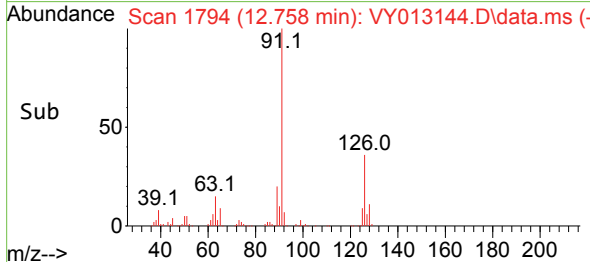
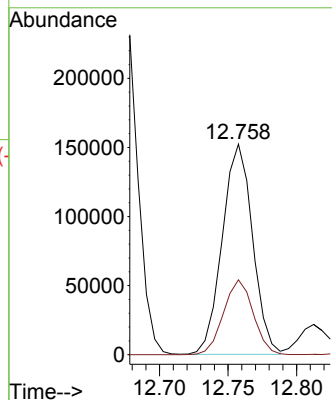
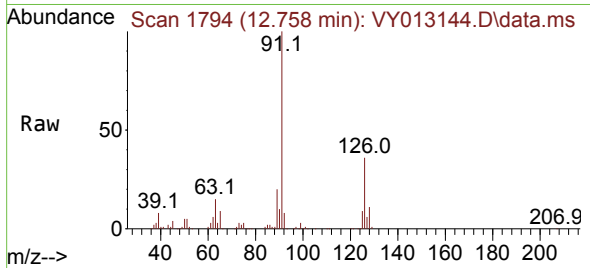




#79
2-Chlorotoluene
Concen: 51.631 ug/l
RT: 12.758 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VY013144.D
Acq: 30 Mar 2023 11:21

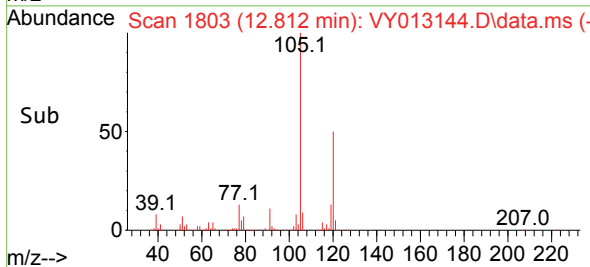
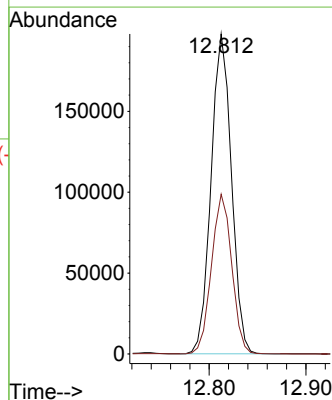
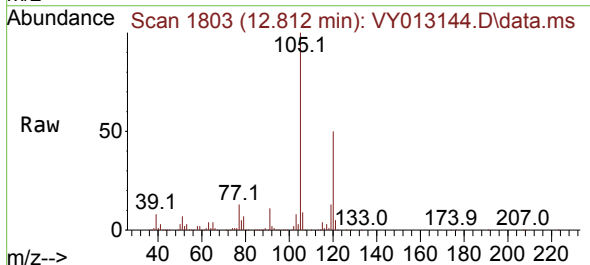
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

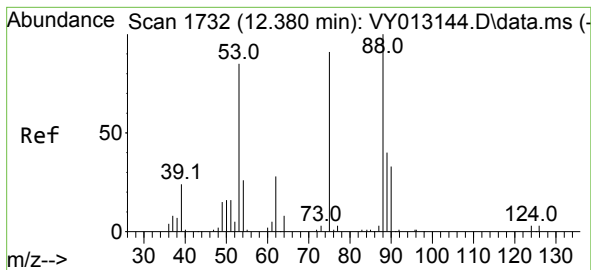
Tgt Ion: 91 Resp: 234288
Ion Ratio Lower Upper
91 100
126 34.9 17.4 52.2



#80
1,3,5-Trimethylbenzene
Concen: 53.218 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY013144.D
Acq: 30 Mar 2023 11:21

Tgt Ion: 105 Resp: 289372
Ion Ratio Lower Upper
105 100
120 49.8 24.8 74.4

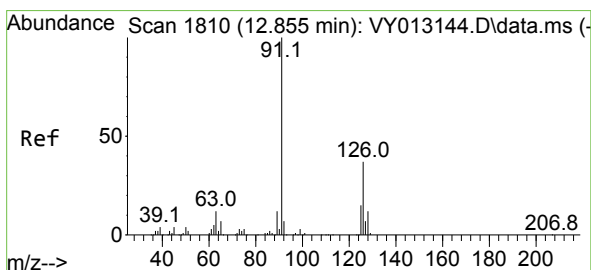
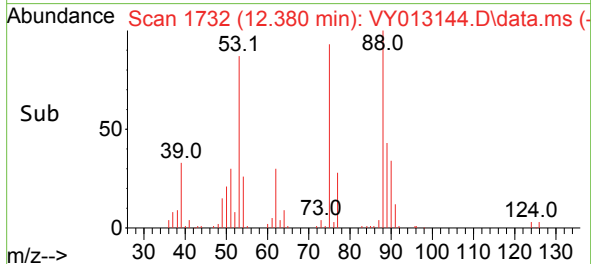
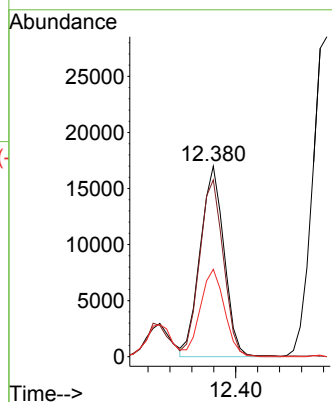
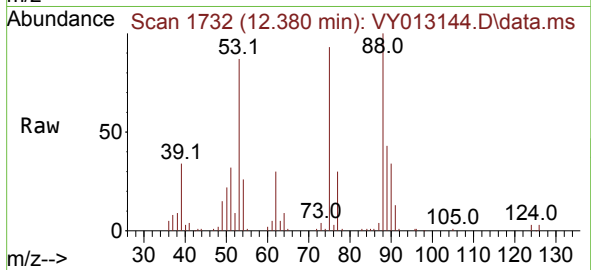




#81
trans-1,4-Dichloro-2-butene
Concen: 54.309 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VY013144.D
Acq: 30 Mar 2023 11:21

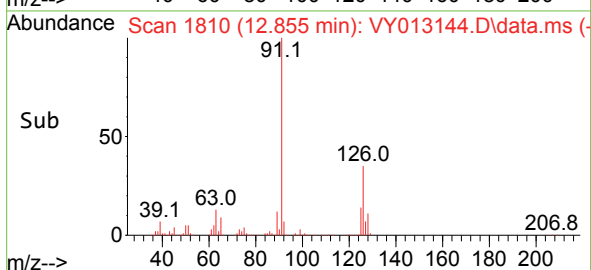
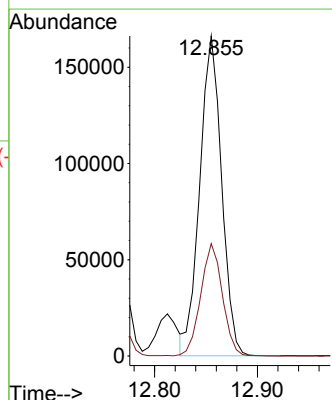
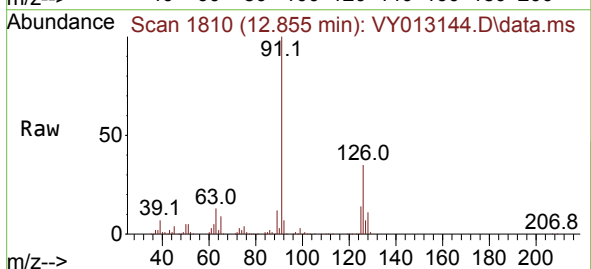
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

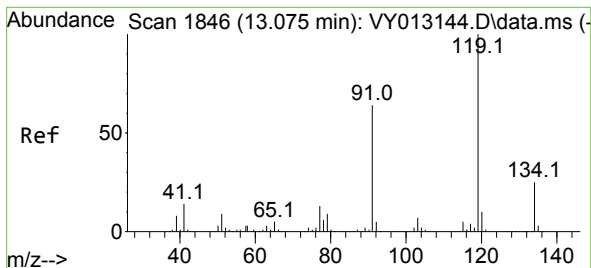
Tgt Ion: 75 Resp: 25776
Ion Ratio Lower Upper
75 100
53 91.9 73.4 110.0
89 46.5 36.6 55.0



#82
4-Chlorotoluene
Concen: 51.998 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY013144.D
Acq: 30 Mar 2023 11:21

Tgt Ion: 91 Resp: 245565
Ion Ratio Lower Upper
91 100
126 34.9 17.7 53.1





#83

tert-Butylbenzene

Concen: 53.900 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. 0.000 min

Lab File: VY013144.D

Acq: 30 Mar 2023 11:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

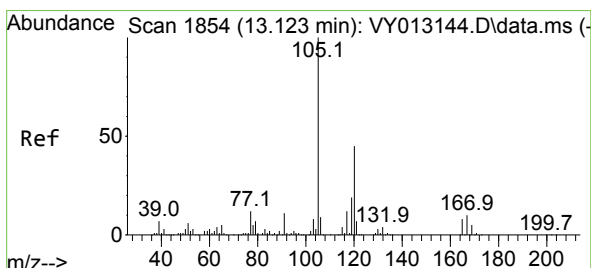
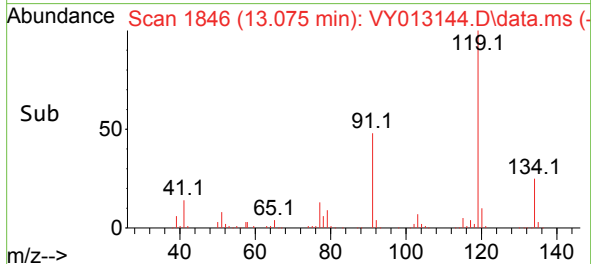
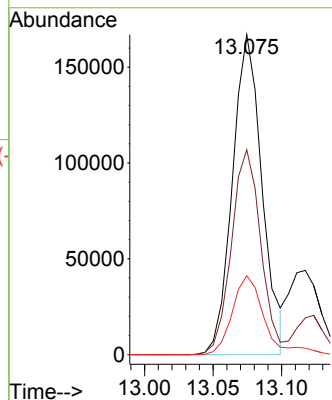
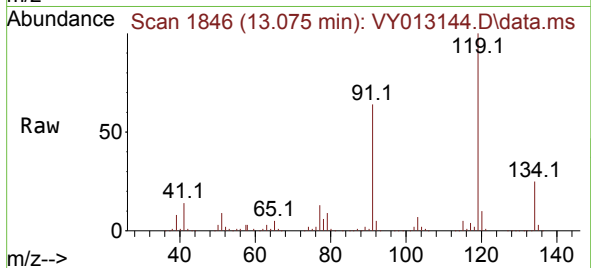
Tgt Ion:119 Resp: 251734

Ion Ratio Lower Upper

119 100

91 63.1 32.8 98.3

134 26.7 13.6 40.8



#84

1,2,4-Trimethylbenzene

Concen: 53.594 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.000 min

Lab File: VY013144.D

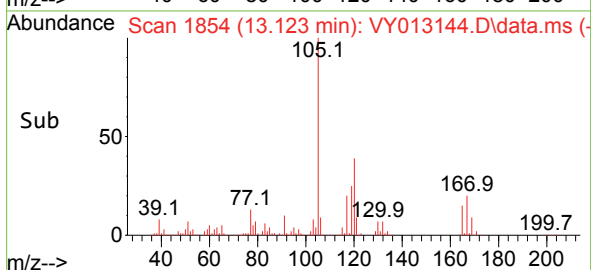
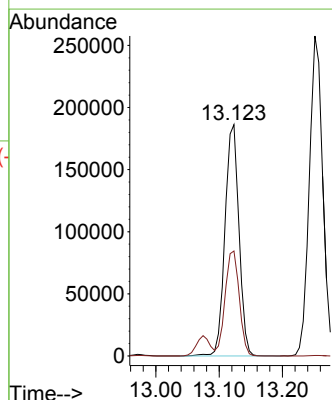
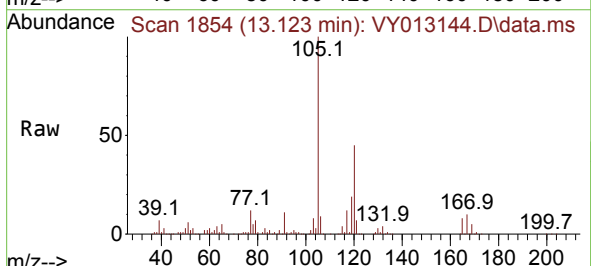
Acq: 30 Mar 2023 11:21

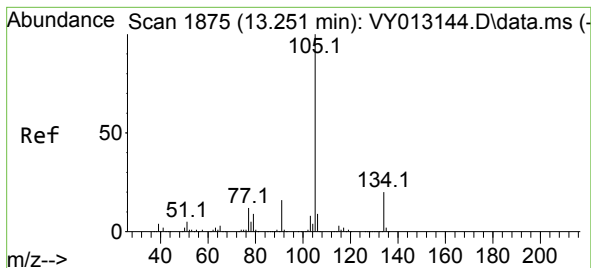
Tgt Ion:105 Resp: 285392

Ion Ratio Lower Upper

105 100

120 45.7 23.0 69.0





#85

sec-Butylbenzene

Concen: 53.478 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY013144.D

Acq: 30 Mar 2023 11:21

Instrument :

MSVOA_Y

ClientSampleId :

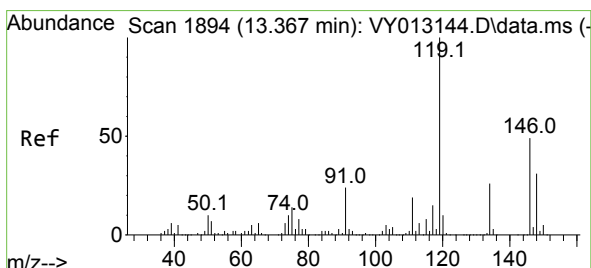
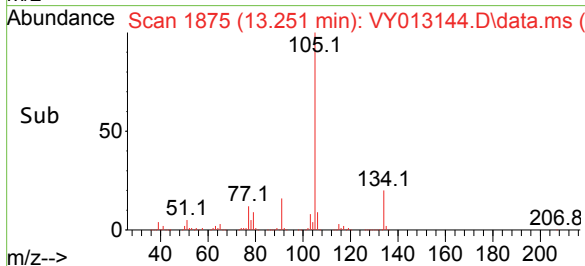
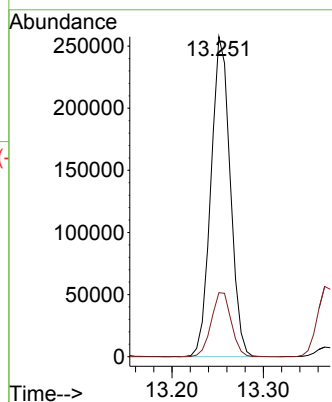
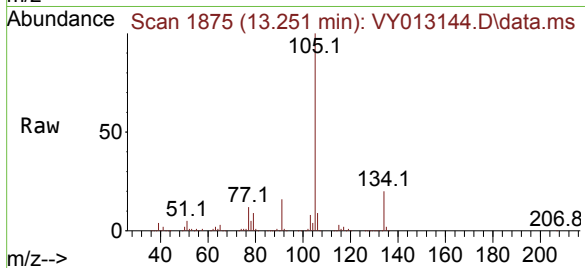
VSTDICCC050

Tgt Ion:105 Resp: 377127

Ion Ratio Lower Upper

105 100

134 20.7 10.4 31.1



#86

p-Isopropyltoluene

Concen: 53.478 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY013144.D

Acq: 30 Mar 2023 11:21

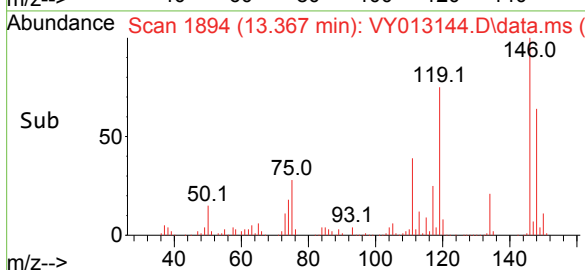
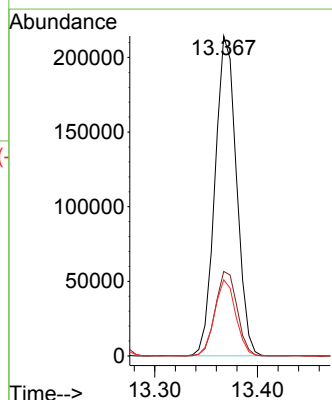
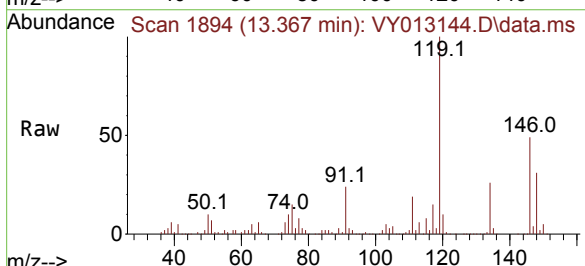
Tgt Ion:119 Resp: 310461

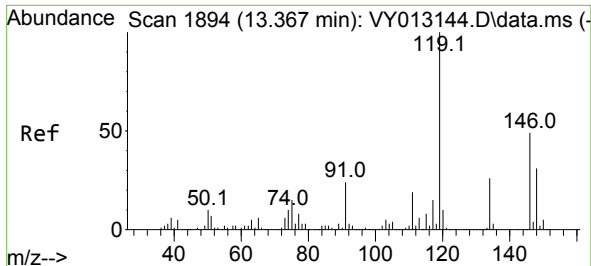
Ion Ratio Lower Upper

119 100

134 26.9 13.2 39.6

91 23.4 11.8 35.3





#87

1,3-Dichlorobenzene

Concen: 50.863 ug/l

RT: 13.367 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY013144.D

Acq: 30 Mar 2023 11:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

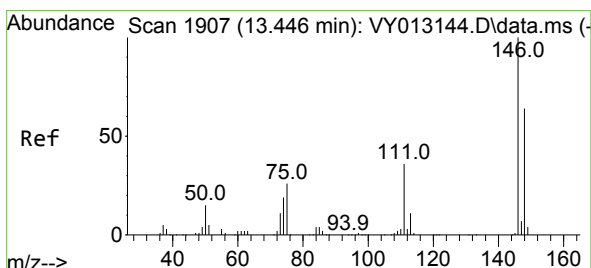
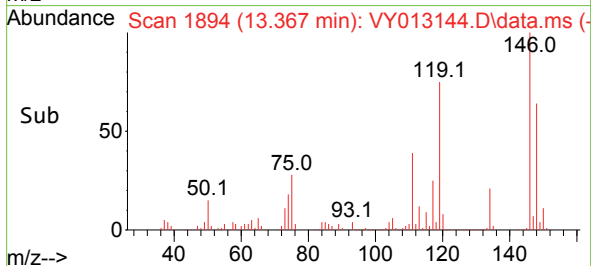
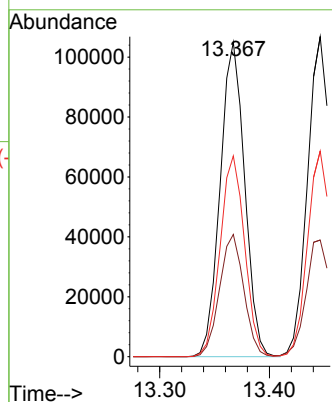
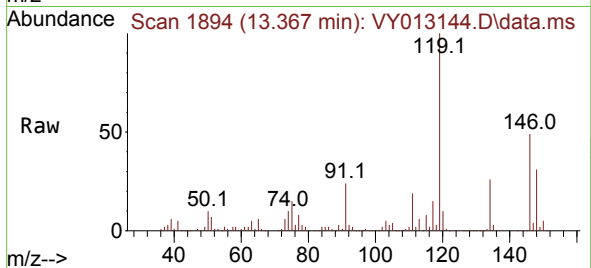
Tgt Ion:146 Resp: 163034

Ion Ratio Lower Upper

146 100

111 38.5 19.1 57.5

148 63.8 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 50.366 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY013144.D

Acq: 30 Mar 2023 11:21

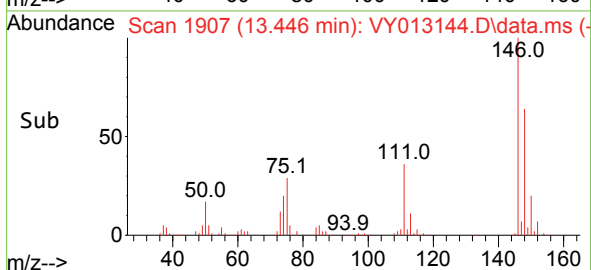
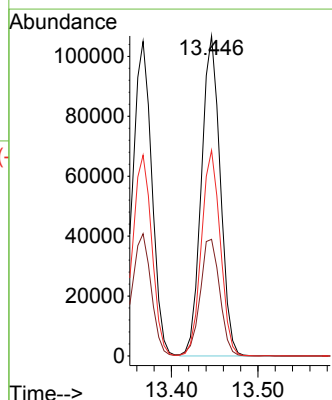
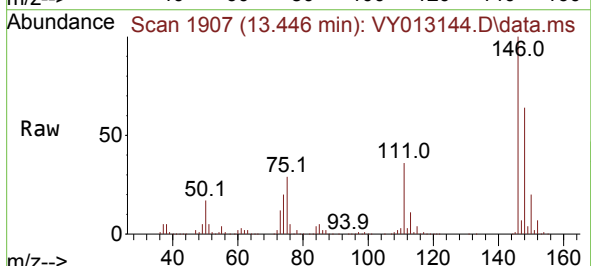
Tgt Ion:146 Resp: 161775

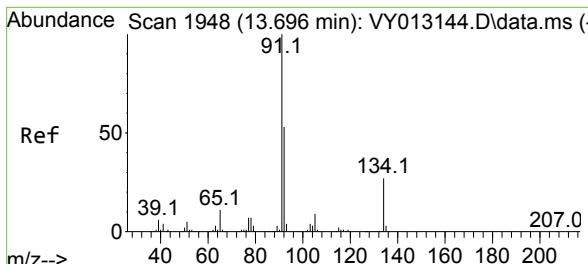
Ion Ratio Lower Upper

146 100

111 37.9 18.6 55.8

148 64.1 31.5 94.5

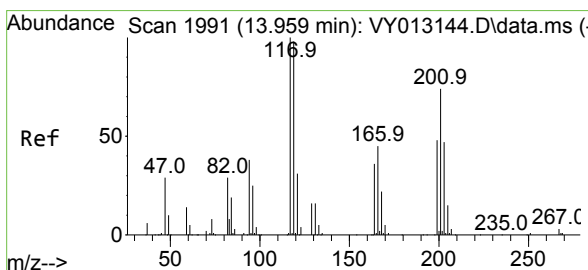
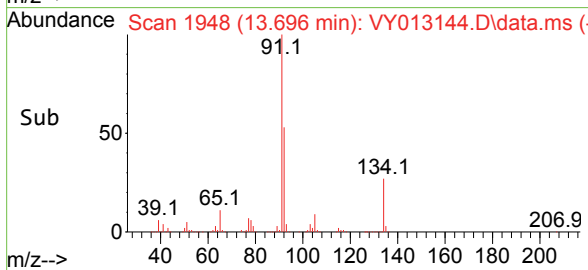
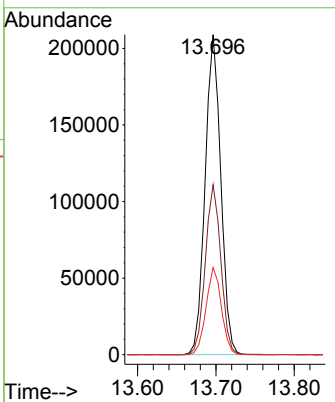
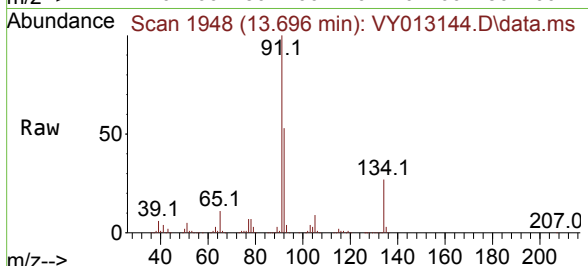




#89
 n-Butylbenzene
 Concen: 53.338 ug/l
 RT: 13.696 min Scan# 1948
 Delta R.T. 0.000 min
 Lab File: VY013144.D
 Acq: 30 Mar 2023 11:21

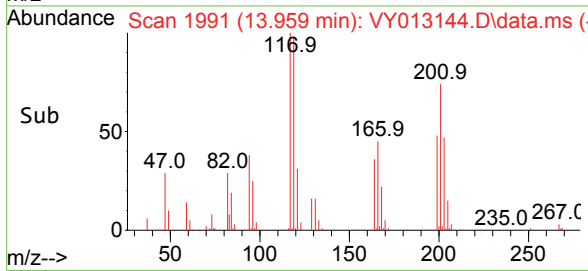
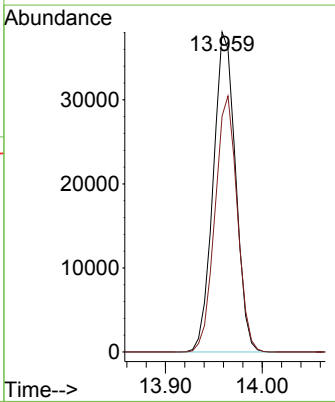
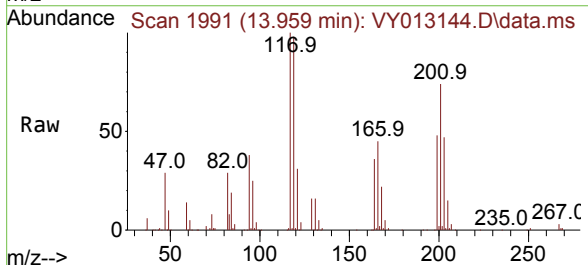
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

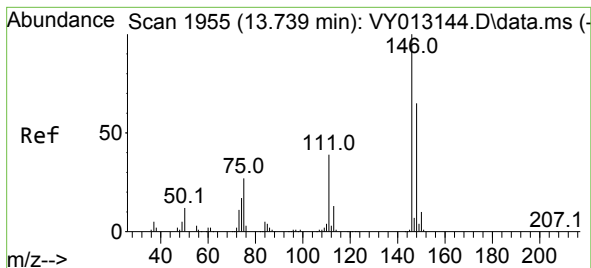
Tgt Ion:	91	Resp:	289472
Ion Ratio	Lower	Upper	
91	100		
92	52.8	26.4	79.0
134	26.7	13.0	38.9



#90
 Hexachloroethane
 Concen: 50.401 ug/l
 RT: 13.959 min Scan# 1991
 Delta R.T. 0.000 min
 Lab File: VY013144.D
 Acq: 30 Mar 2023 11:21

Tgt Ion:	117	Resp:	60954
Ion Ratio	Lower	Upper	
117	100		
201	79.8	39.4	118.1





#91

1,2-Dichlorobenzene

Concen: 51.112 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY013144.D

Acq: 30 Mar 2023 11:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

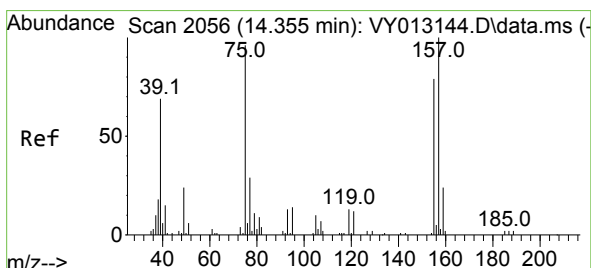
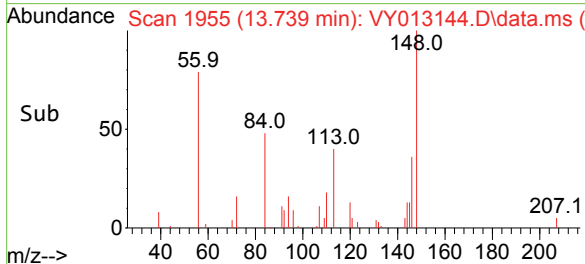
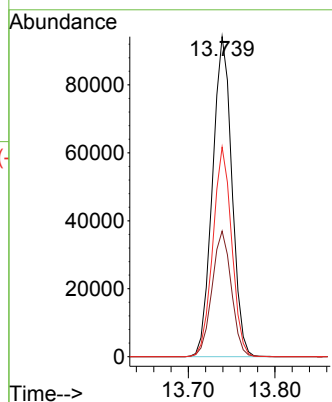
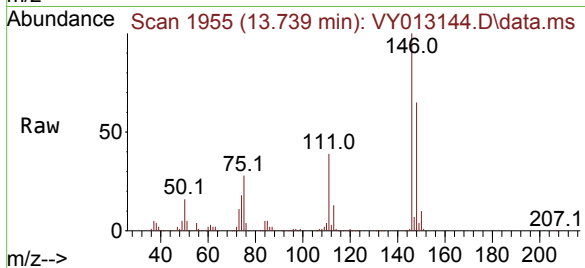
Tgt Ion:146 Resp: 146315

Ion Ratio Lower Upper

146 100

111 39.1 19.7 59.1

148 63.8 31.9 95.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 51.651 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. 0.000 min

Lab File: VY013144.D

Acq: 30 Mar 2023 11:21

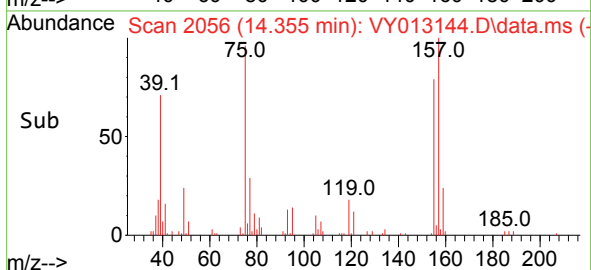
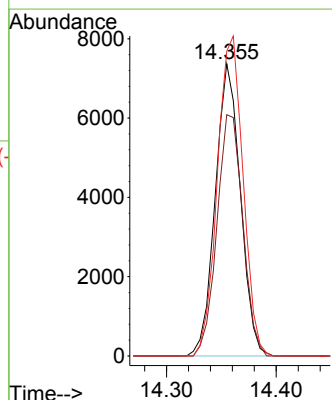
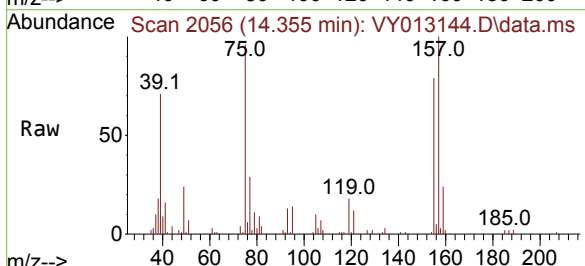
Tgt Ion: 75 Resp: 11709

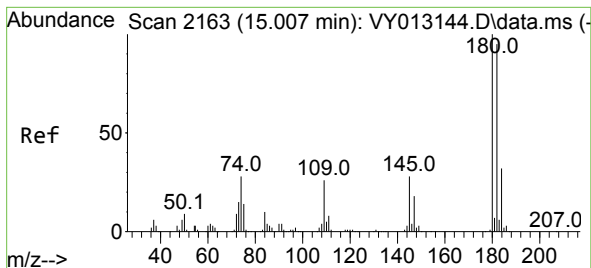
Ion Ratio Lower Upper

75 100

155 85.0 43.8 131.4

157 112.2 54.1 162.3





#93

1,2,4-Trichlorobenzene

Concen: 53.685 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY013144.D

Acq: 30 Mar 2023 11:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

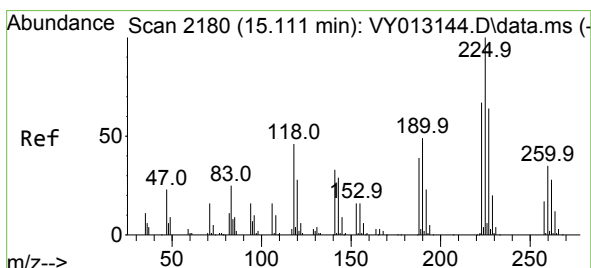
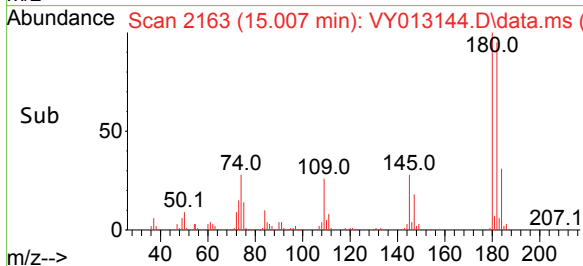
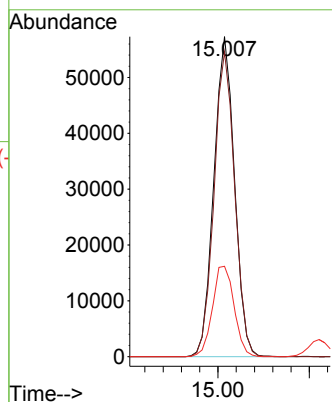
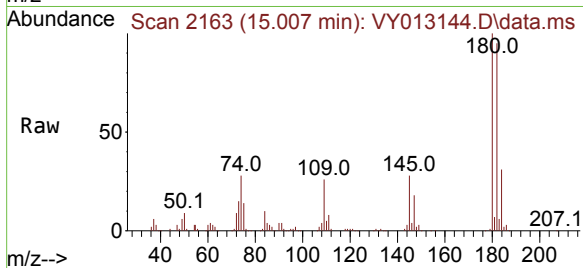
Tgt Ion:180 Resp: 89619

Ion Ratio Lower Upper

180 100

182 95.5 46.7 140.1

145 29.7 14.6 43.8



#94

Hexachlorobutadiene

Concen: 52.551 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY013144.D

Acq: 30 Mar 2023 11:21

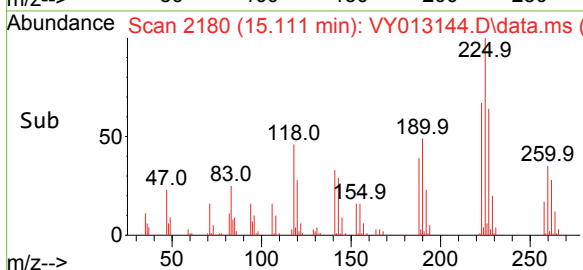
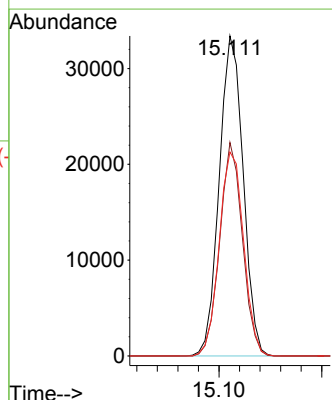
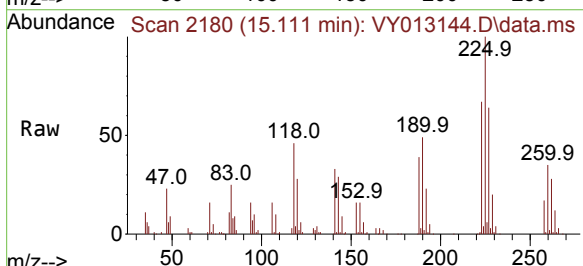
Tgt Ion:225 Resp: 53953

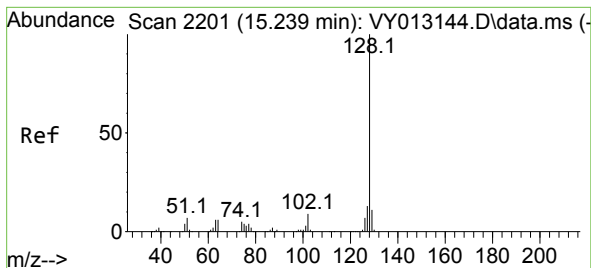
Ion Ratio Lower Upper

225 100

223 63.2 31.1 93.3

227 65.0 32.4 97.0





#95

Naphthalene

Concen: 50.431 ug/l

RT: 15.239 min Scan# 2201

Delta R.T. -0.000 min

Lab File: VY013144.D

Acq: 30 Mar 2023 11:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

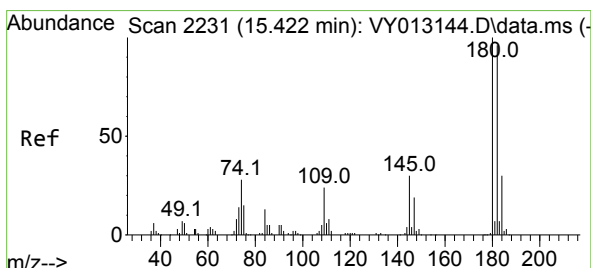
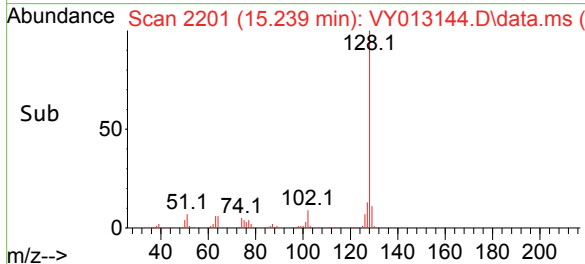
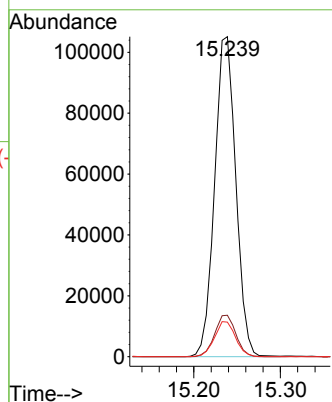
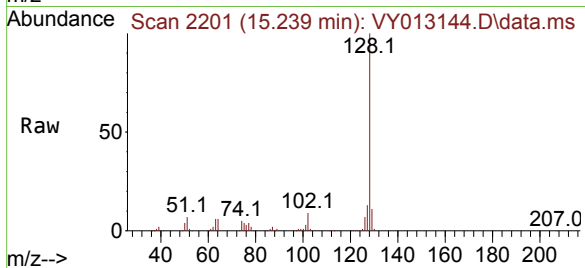
Tgt Ion:128 Resp: 178428

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: 54.627 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY013144.D

Acq: 30 Mar 2023 11:21

Tgt Ion:180 Resp: 80344

Ion Ratio Lower Upper

180 100

182 94.6 47.4 142.3

145 31.0 15.3 45.8

