

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051123\
 Data File : VY013722.D
 Acq On : 11 May 2023 17:45
 Operator : KP/MD
 Sample : 02745-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 NB-08-051023

Quant Time: May 12 04:46:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:39:58 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 05/12/2023
 Supervised By : Mahesh Dadoda 05/17/2023

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	166243	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	253668	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	235862	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	112005	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	100986	55.414	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 110.820%			
35) Dibromofluoromethane	7.716	113	86445	54.182	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 108.360%			
50) Toluene-d8	10.179	98	307652	54.205	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 108.420%			
62) 4-Bromofluorobenzene	12.477	95	108458	56.683	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 113.360%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	38467	24.339	ug/l	96
3) Chloromethane	2.107	50	48552	22.918	ug/l	99
4) Vinyl Chloride	2.247	62	48174	22.838	ug/l	99
5) Bromomethane	2.650	94	33504	19.932	ug/l	98
6) Chloroethane	2.790	64	30774	21.118	ug/l	99
7) Trichlorofluoromethane	3.119	101	78147	24.456	ug/l	97
8) Diethyl Ether	3.522	74	25571	23.499	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.893	101	44434	24.790	ug/l	98
10) Methyl Iodide	4.082	142	40996	18.211	ug/l	98
11) Tert butyl alcohol	4.936	59	35113	171.269	ug/l #	82
12) 1,1-Dichloroethene	3.869	96	41034	23.750	ug/l	92
13) Acrolein	3.729	56	16172	96.113	ug/l	94
14) Allyl chloride	4.473	41	74551	23.255	ug/l	96
15) Acrylonitrile	5.149	53	85469	140.249	ug/l	99
16) Acetone	3.936	43	98968	137.901	ug/l	96
17) Carbon Disulfide	4.186	76	115381	20.559	ug/l	97
18) Methyl Acetate	4.473	43	66203	27.930	ug/l	93
19) Methyl tert-butyl Ether	5.216	73	121250	24.309	ug/l	96
20) Methylene Chloride	4.704	84	58322	21.297	ug/l #	84
21) trans-1,2-Dichloroethene	5.216	96	46421	24.574	ug/l	96
22) Diisopropyl ether	6.106	45	165249	26.372	ug/l	93
23) Vinyl Acetate	6.052	43	498450	140.496	ug/l	96
24) 1,1-Dichloroethane	6.015	63	90999	26.057	ug/l	99
25) 2-Butanone	6.972	43	124528	136.818	ug/l	93
26) 2,2-Dichloropropane	6.978	77	78422	26.060	ug/l	96
27) cis-1,2-Dichloroethene	6.978	96	51422	24.637	ug/l	93
28) Bromochloromethane	7.326	49	33769	27.249	ug/l #	78
29) Tetrahydrofuran	7.344	42	74619	131.705	ug/l	91
30) Chloroform	7.496	83	91077	26.230	ug/l	97
31) Cyclohexane	7.783	56	72113	22.101	ug/l	99
32) 1,1,1-Trichloroethane	7.698	97	80373	25.940	ug/l	98
36) 1,1-Dichloropropene	7.911	75	65174	24.614	ug/l	98
37) Ethyl Acetate	7.070	43	50623	25.405	ug/l	95
38) Carbon Tetrachloride	7.893	117	74083	26.694	ug/l	97
39) Methylcyclohexane	9.179	83	72834	23.332	ug/l	94
40) Benzene	8.155	78	190670	25.563	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	20844m	22.448	ug/l	
42) 1,2-Dichloroethane	8.228	62	65139	26.713	ug/l	99
43) Isopropyl Acetate	8.271	43	86245	25.643	ug/l	95
44) Trichloroethene	8.935	130	50058	25.230	ug/l	99
45) 1,2-Dichloropropane	9.210	63	51711	26.516	ug/l	99
46) Dibromomethane	9.301	93	29921	25.642	ug/l	96
47) Bromodichloromethane	9.490	83	72006	27.578	ug/l	92
48) Methyl methacrylate	9.289	41	40013	25.904	ug/l	91
49) 1,4-Dioxane	9.295	88	9430	565.840	ug/l #	89
51) 4-Methyl-2-Pentanone	10.063	43	251338	134.104	ug/l	95
52) Toluene	10.240	92	116986	26.064	ug/l	99
53) t-1,3-Dichloropropene	10.459	75	71509	25.877	ug/l	97
54) cis-1,3-Dichloropropene	9.929	75	78762	25.330	ug/l	96
55) 1,1,2-Trichloroethane	10.642	97	41114	26.606	ug/l	99
56) Ethyl methacrylate	10.508	69	56000	26.121	ug/l	88
57) 1,3-Dichloropropane	10.788	76	70833	27.065	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.776	63	107450	133.659	ug/l	93
59) 2-Hexanone	10.831	43	179555	131.794	ug/l	95
60) Dibromochloromethane	10.977	129	50441	26.883	ug/l	98
61) 1,2-Dibromoethane	11.087	107	39495	25.996	ug/l	97
64) Tetrachloroethene	10.715	164	42822	23.876	ug/l	98
65) Chlorobenzene	11.514	112	125295	24.386	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.587	131	50074	26.059	ug/l	98
67) Ethyl Benzene	11.587	91	221141	24.511	ug/l	98
68) m/p-Xylenes	11.697	106	165921	48.375	ug/l	95
69) o-Xylene	12.026	106	79849	24.616	ug/l	96
70) Styrene	12.038	104	136205	25.113	ug/l	100
71) Bromoform	12.203	173	34168	25.385	ug/l #	99
73) Isopropylbenzene	12.325	105	211924	25.016	ug/l	99
74) N-amyl acetate	12.142	43	73479	24.373	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.575	83	53059	25.624	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	43413m	28.740	ug/l	
77) Bromobenzene	12.605	156	51770	25.220	ug/l	92
78) n-propylbenzene	12.666	91	262444	25.151	ug/l	96
79) 2-Chlorotoluene	12.752	91	146777	25.189	ug/l	98
80) 1,3,5-Trimethylbenzene	12.806	105	177353	25.649	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.374	75	17981	24.350	ug/l	94
82) 4-Chlorotoluene	12.849	91	151003	24.863	ug/l	98
83) tert-Butylbenzene	13.069	119	151988	25.371	ug/l	97
84) 1,2,4-Trimethylbenzene	13.117	105	172307	25.631	ug/l	100
85) sec-Butylbenzene	13.251	105	228945	25.465	ug/l	100
86) p-Isopropyltoluene	13.367	119	184502	25.519	ug/l	100
87) 1,3-Dichlorobenzene	13.361	146	97861	25.023	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	95051	24.061	ug/l	98
89) n-Butylbenzene	13.690	91	177070	25.093	ug/l	99
90) Hexachloroethane	13.959	117	37238	24.472	ug/l	99
91) 1,2-Dichlorobenzene	13.733	146	87351	24.735	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	8134	22.242	ug/l	98
93) 1,2,4-Trichlorobenzene	15.001	180	45879	21.790	ug/l	99
94) Hexachlorobutadiene	15.111	225	30500	24.890	ug/l	98
95) Naphthalene	15.233	128	93144	20.389	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	38703	20.624	ug/l	98

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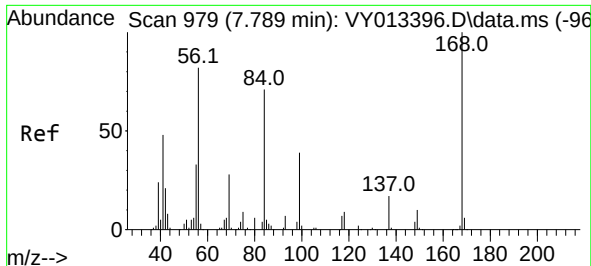
Manual Integrations
APPROVED

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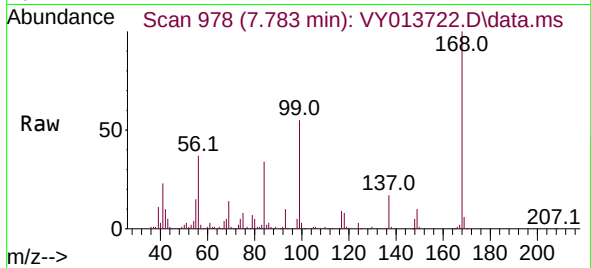
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
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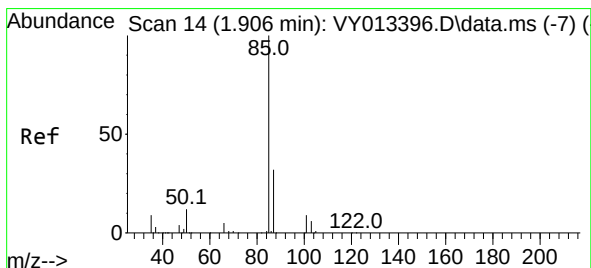
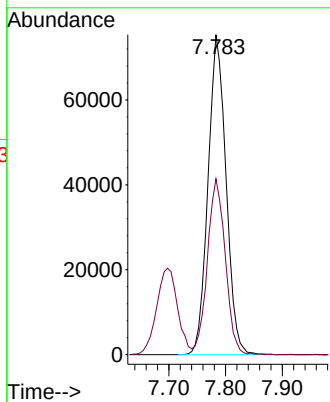
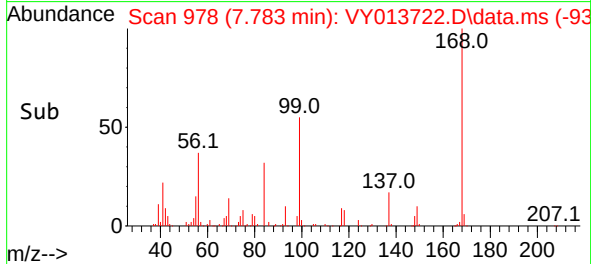
Instrument :
MSVOA_Y
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Tgt Ion:168 Resp: 16624
Ion Ratio Lower Upper
168 100
99 54.9 41.8 62.6

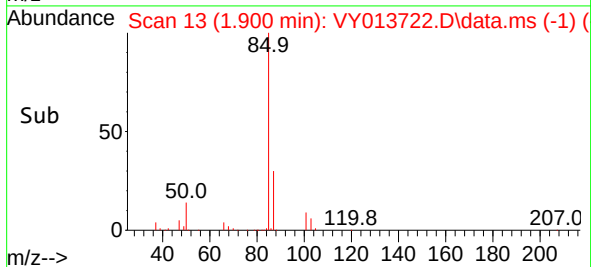
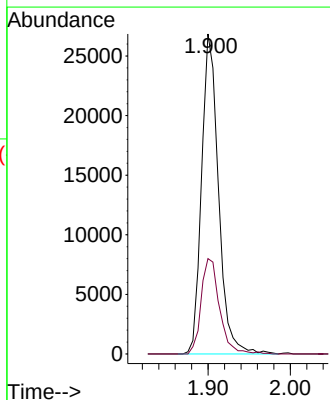
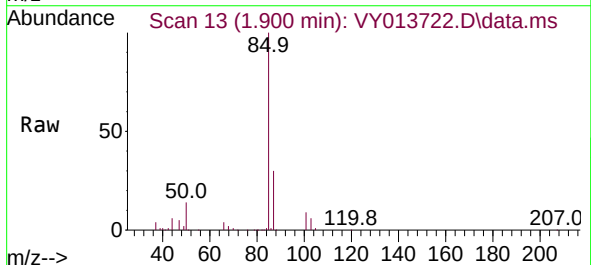
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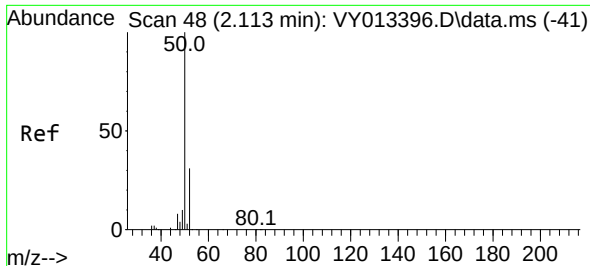
Reviewed By :John Carlone 05/12/2023
Supervised By :Mahesh Dadoda 05/17/2023



#2
Dichlorodifluoromethane
Concen: 24.339 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.006 min
Lab File: VY013722.D
Acq: 11 May 2023 17:45

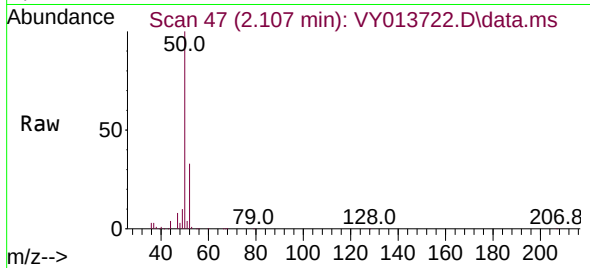
Tgt Ion: 85 Resp: 38467
Ion Ratio Lower Upper
85 100
87 29.8 16.1 48.2





#3
Chloromethane
Concen: 22.918 ug/l
RT: 2.107 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY013722.D
Acq: 11 May 2023 17:45

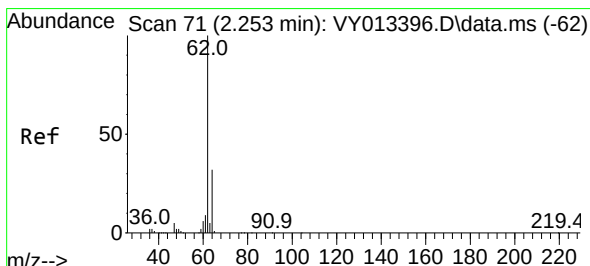
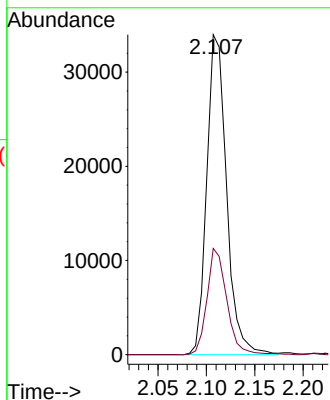
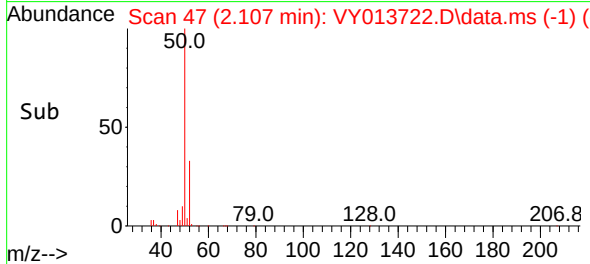
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Tgt Ion: 50 Resp: 48552
Ion Ratio Lower Upper
50 100
52 33.2 25.9 38.9

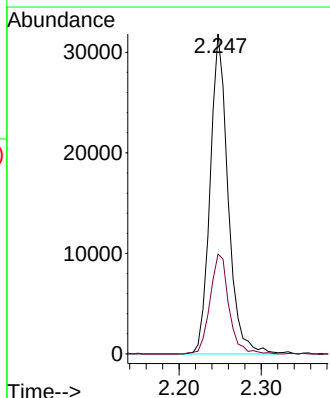
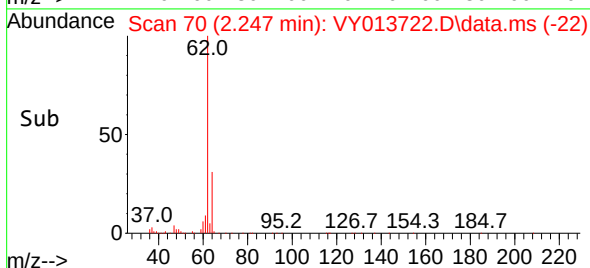
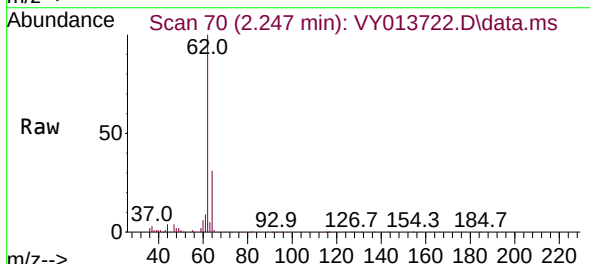
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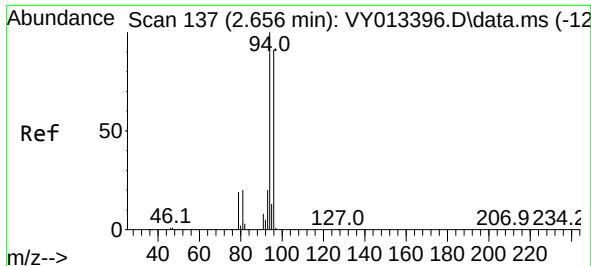
Reviewed By :John Carlone 05/12/2023
Supervised By :Mahesh Dadoda 05/17/2023



#4
Vinyl Chloride
Concen: 22.838 ug/l
RT: 2.247 min Scan# 70
Delta R.T. -0.006 min
Lab File: VY013722.D
Acq: 11 May 2023 17:45

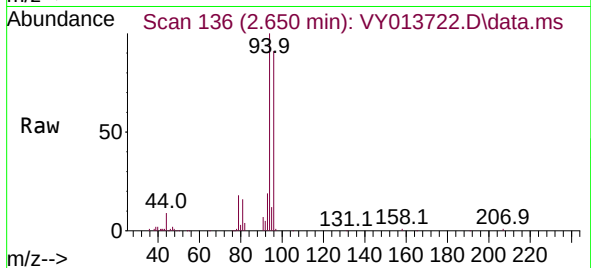
Tgt Ion: 62 Resp: 48174
Ion Ratio Lower Upper
62 100
64 31.2 25.4 38.0





#5
Bromomethane
Concen: 19.932 ug/l
RT: 2.650 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY013722.D
Acq: 11 May 2023 17:45

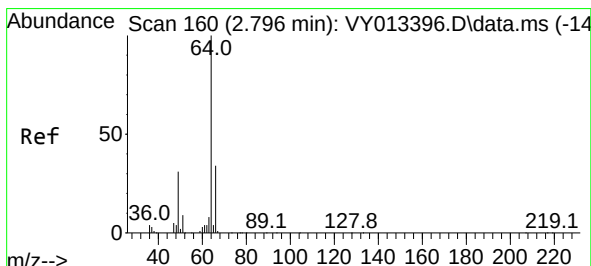
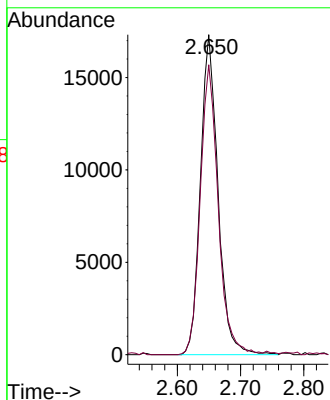
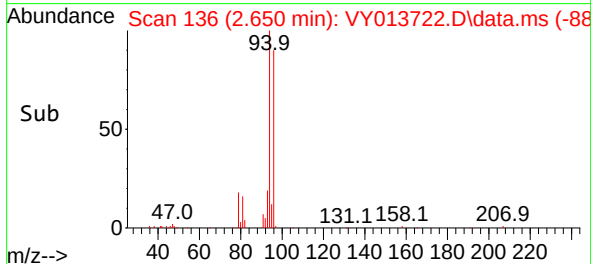
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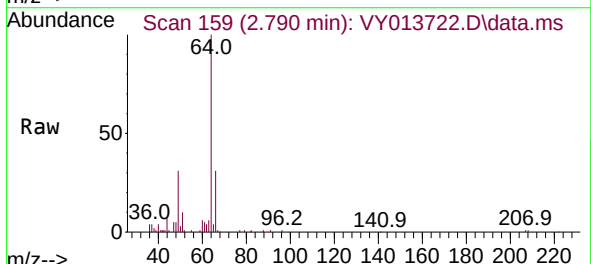
Tgt Ion: 94 Resp: 33504
Ion Ratio Lower Upper
94 100
96 90.6 74.2 111.2

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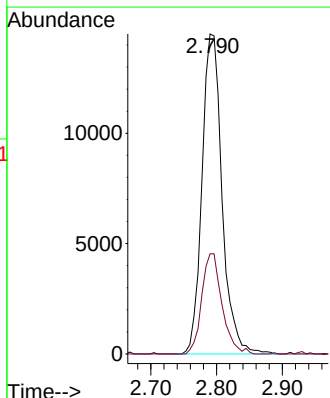
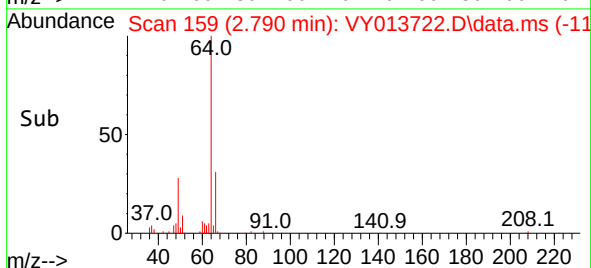
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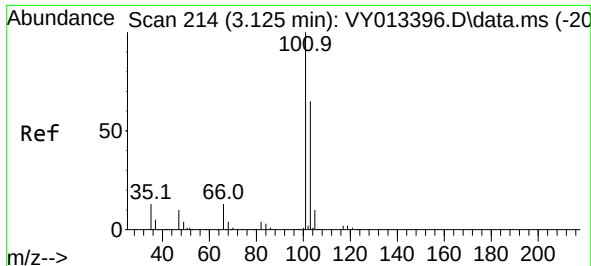


#6
Chloroethane
Concen: 21.118 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.000 min
Lab File: VY013722.D
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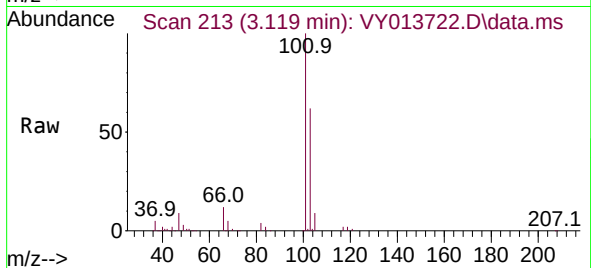
Tgt Ion: 64 Resp: 30774
Ion Ratio Lower Upper
64 100
66 31.3 24.6 37.0





#7
 Trichlorofluoromethane
 Concen: 24.456 ug/l
 RT: 3.119 min Scan# 214
 Delta R.T. -0.006 min
 Lab File: VY013722.D
 Acq: 11 May 2023 17:45

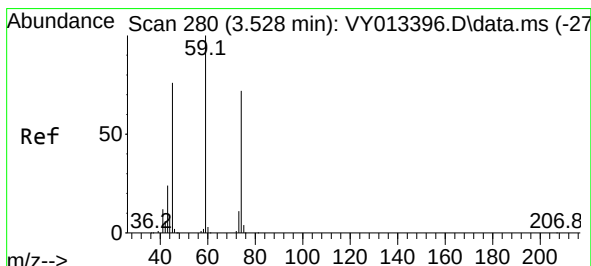
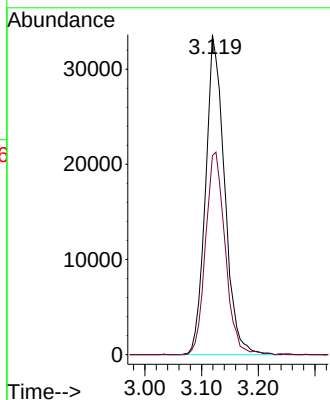
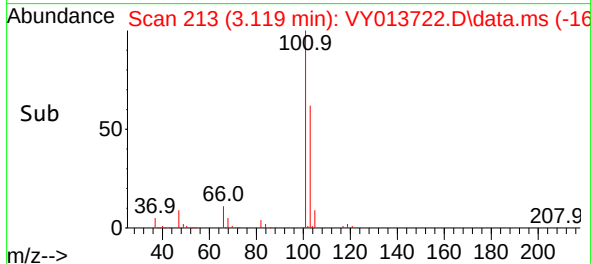
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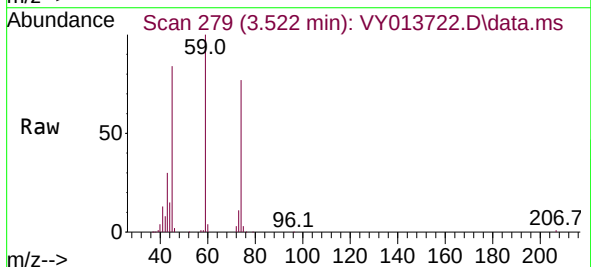
Tgt Ion: 101 Resp: 7814
 Ion Ratio Lower Upper
 101 100
 103 62.3 51.6 77.4

Manual Integrations
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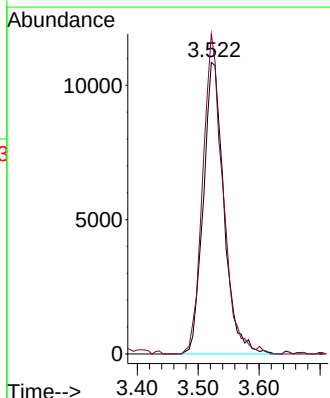
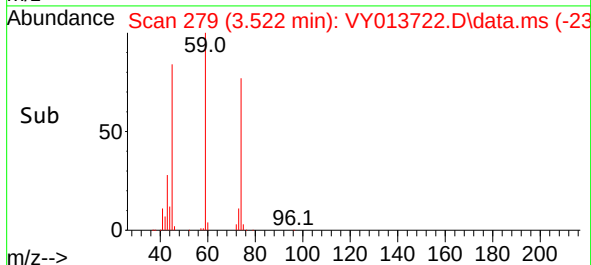
Reviewed By : John Carlone 05/12/2023
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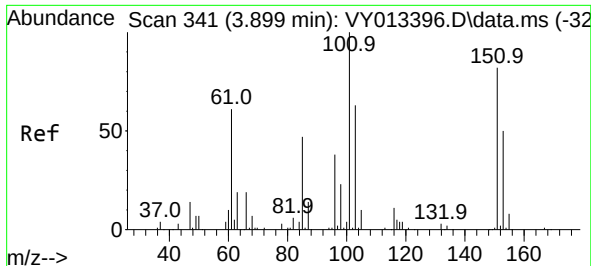


#8
 Diethyl Ether
 Concen: 23.499 ug/l
 RT: 3.522 min Scan# 279
 Delta R.T. -0.006 min
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Tgt Ion: 74 Resp: 25571
 Ion Ratio Lower Upper
 74 100
 45 107.3 48.2 144.6





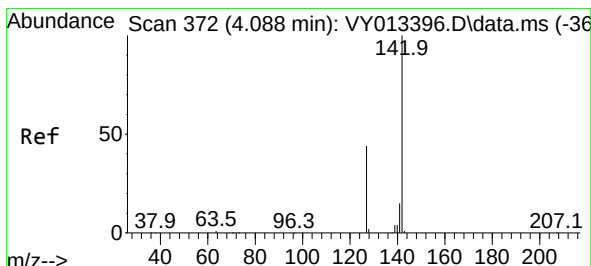
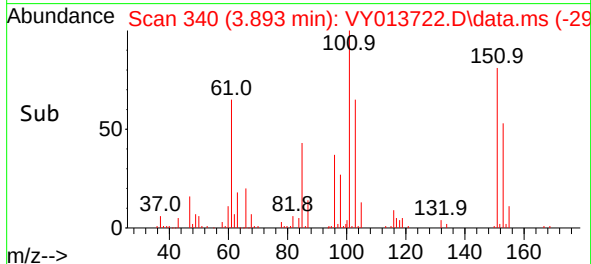
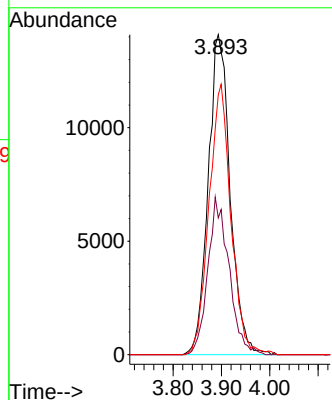
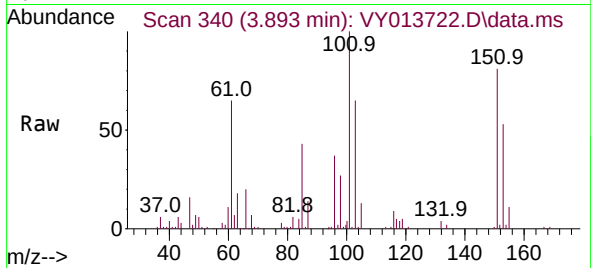
#9
1,1,2-Trichlorotrifluoroethane
Concen: 24.790 ug/l
RT: 3.893 min Scan# 341
Delta R.T. 0.000 min
Lab File: VY013722.D
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ClientSampleId :
NB-08-051023

Tgt Ion:101 Resp: 44434
Ion Ratio Lower Upper
101 100
85 47.5 35.6 53.4
151 84.6 68.0 102.0

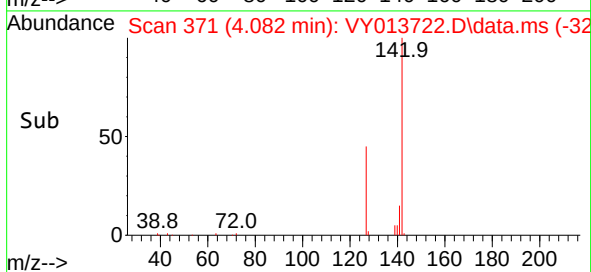
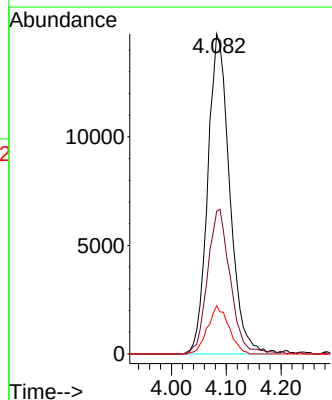
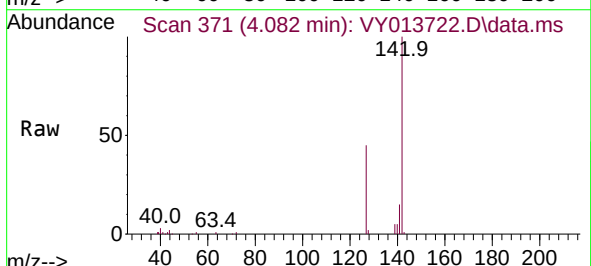
Manual Integrations
APPROVED

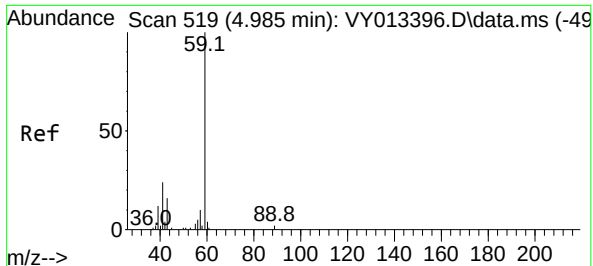
Reviewed By :John Carlone 05/12/2023
Supervised By :Mahesh Dadoda 05/17/2023



#10
Methyl Iodide
Concen: 18.211 ug/l
RT: 4.082 min Scan# 371
Delta R.T. -0.006 min
Lab File: VY013722.D
Acq: 11 May 2023 17:45

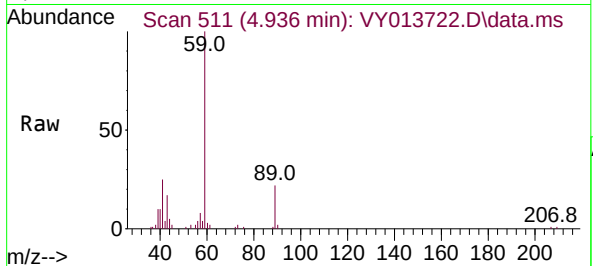
Tgt Ion:142 Resp: 40996
Ion Ratio Lower Upper
142 100
127 46.6 36.1 54.1
141 14.6 11.6 17.4





#11
Tert butyl alcohol
Concen: 171.269 ug/l
RT: 4.936 min Scan# 511
Delta R.T. -0.042 min
Lab File: VY013722.D
Acq: 11 May 2023 17:45

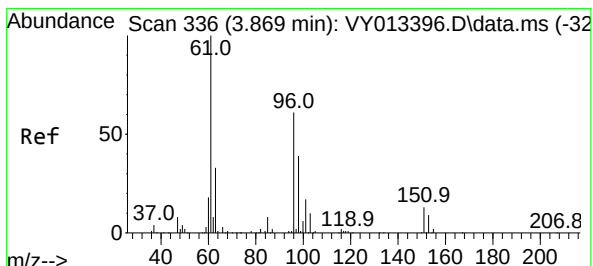
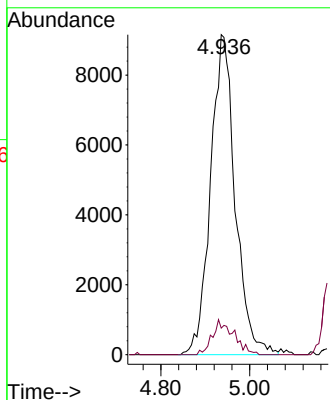
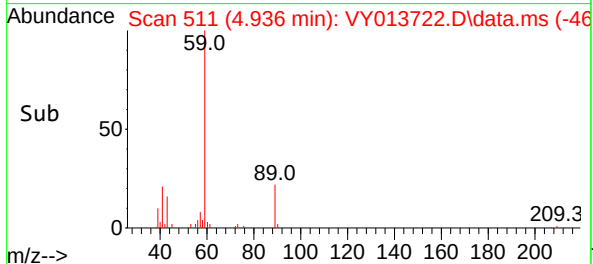
Instrument :
MSVOA_Y
ClientSampleId :
NB-08-051023



Tgt Ion: 59 Resp: 3511
Ion Ratio Lower Upper
59 100
57 9.5 3.0 4.4

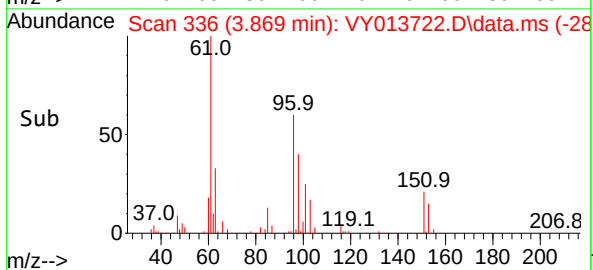
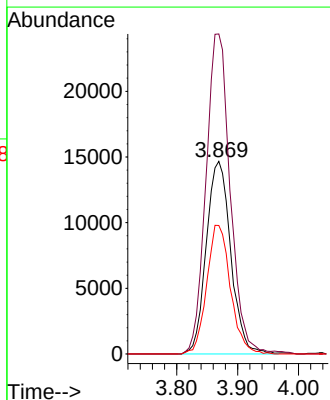
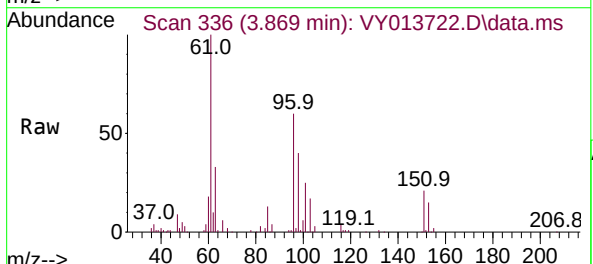
Manual Integrations
APPROVED

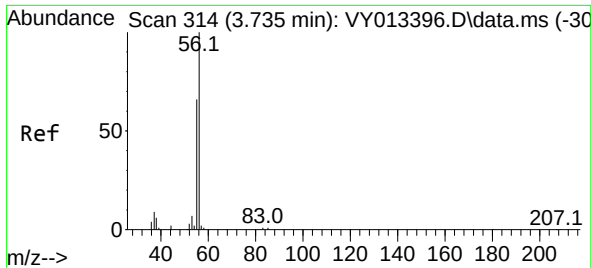
Reviewed By :John Carlone 05/12/2023
Supervised By :Mahesh Dadoda 05/17/2023



#12
1,1-Dichloroethene
Concen: 23.750 ug/l
RT: 3.869 min Scan# 336
Delta R.T. 0.000 min
Lab File: VY013722.D
Acq: 11 May 2023 17:45

Tgt Ion: 96 Resp: 41034
Ion Ratio Lower Upper
96 100
61 166.2 123.9 185.9
98 66.7 48.9 73.3





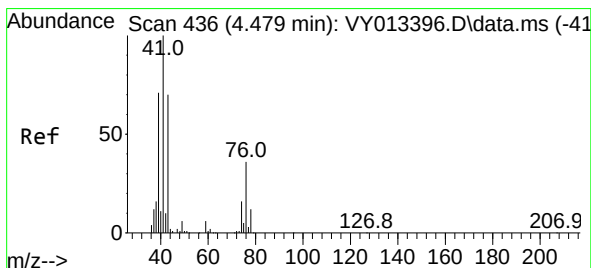
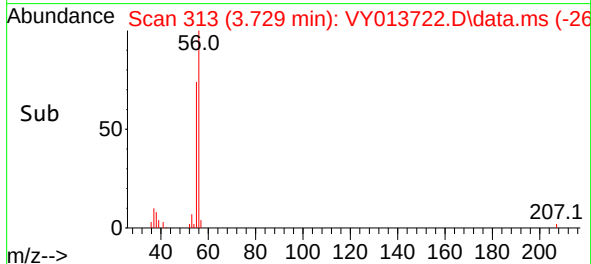
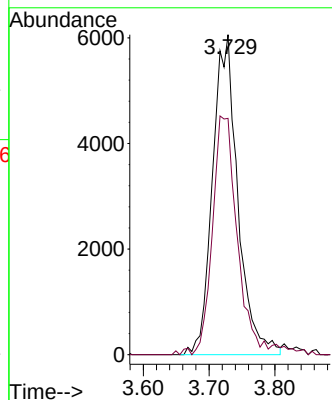
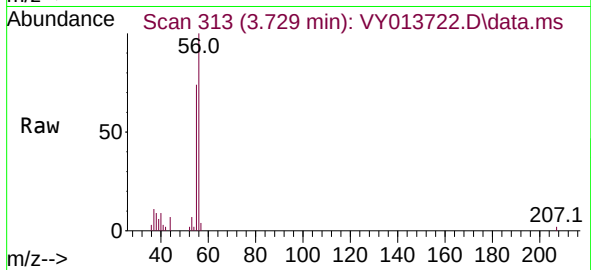
#13
Acrolein
Concen: 96.113 ug/l
RT: 3.729 min Scan# 314
Delta R.T. -0.000 min
Lab File: VY013722.D
Acq: 11 May 2023 17:45

Instrument :
MSVOA_Y
ClientSampleId :
NB-08-051023

Tgt Ion: 56 Resp: 16172
Ion Ratio Lower Upper
56 100
55 72.3 54.1 81.1

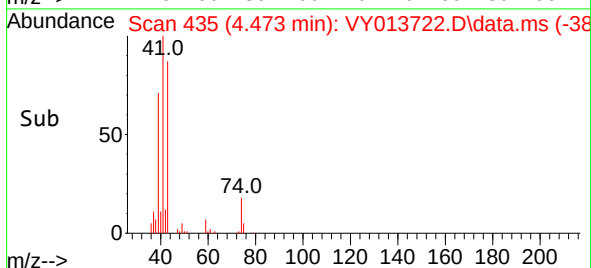
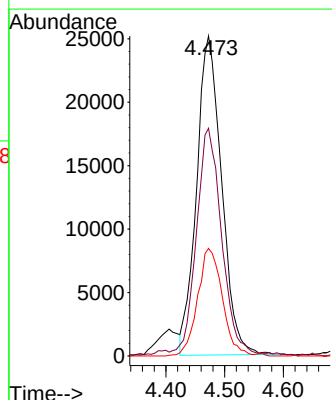
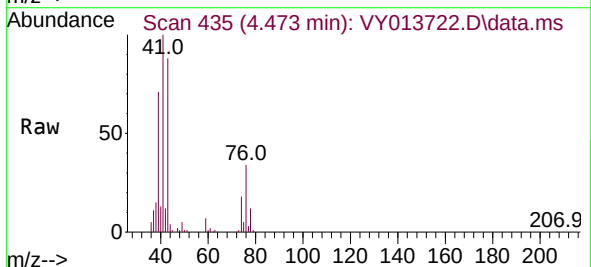
Manual Integrations
APPROVED

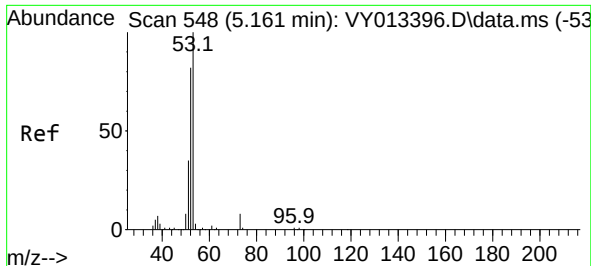
Reviewed By :John Carlone 05/12/2023
Supervised By :Mahesh Dadoda 05/17/2023



#14
Allyl chloride
Concen: 23.255 ug/l
RT: 4.473 min Scan# 435
Delta R.T. -0.005 min
Lab File: VY013722.D
Acq: 11 May 2023 17:45

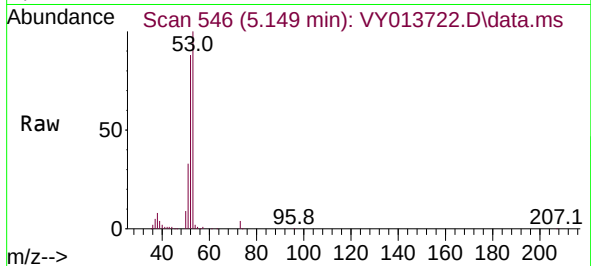
Tgt Ion: 41 Resp: 74551
Ion Ratio Lower Upper
41 100
39 69.7 56.6 85.0
76 33.2 30.5 45.7





#15
Acrylonitrile
Concen: 140.249 ug/l
RT: 5.149 min Scan# 54
Delta R.T. -0.012 min
Lab File: VY013722.D
Acq: 11 May 2023 17:45

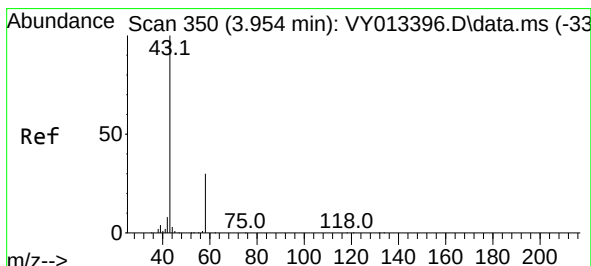
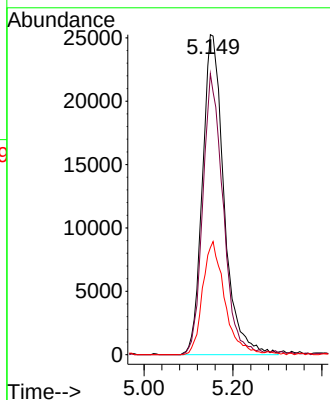
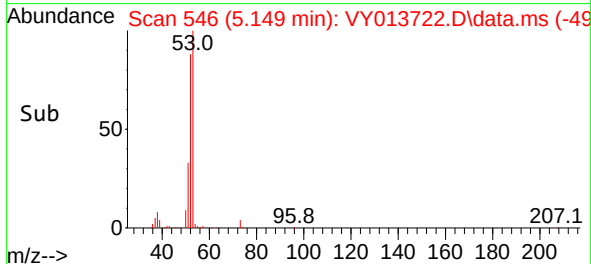
Instrument :
MSVOA_Y
ClientSampleId :
NB-08-051023



Tgt Ion: 53 Resp: 85469
Ion Ratio Lower Upper
53 100
52 82.7 65.4 98.0
51 35.9 29.3 43.9

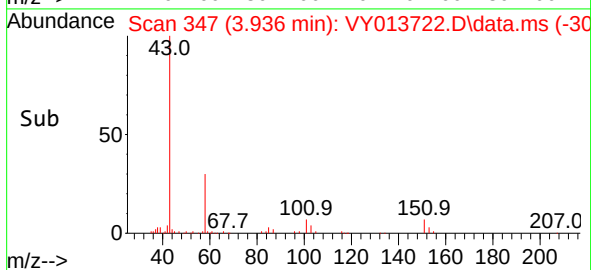
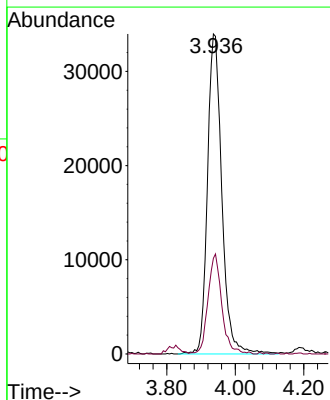
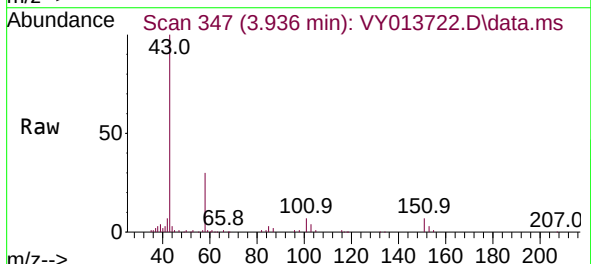
Manual Integrations
APPROVED

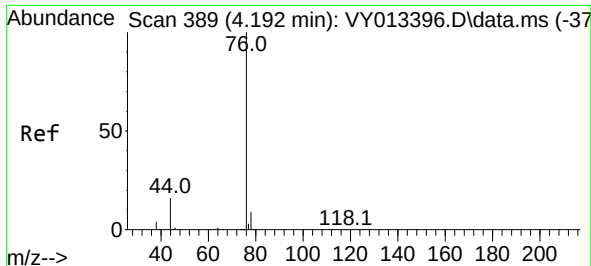
Reviewed By :John Carlone 05/12/2023
Supervised By :Mahesh Dadoda 05/17/2023



#16
Acetone
Concen: 137.901 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.012 min
Lab File: VY013722.D
Acq: 11 May 2023 17:45

Tgt Ion: 43 Resp: 98968
Ion Ratio Lower Upper
43 100
58 29.7 25.4 38.0





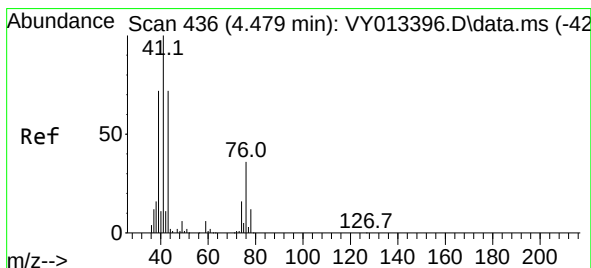
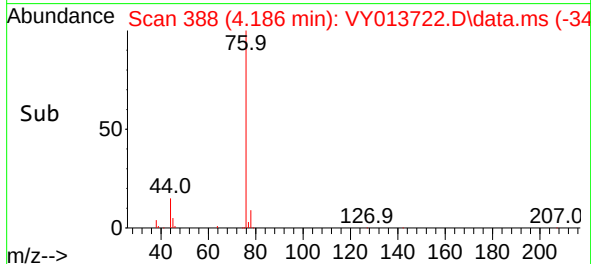
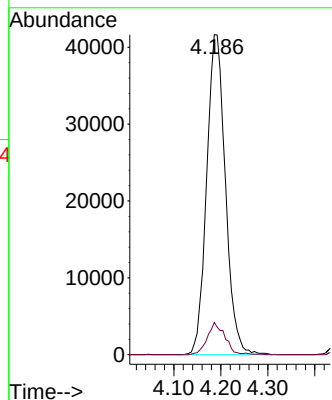
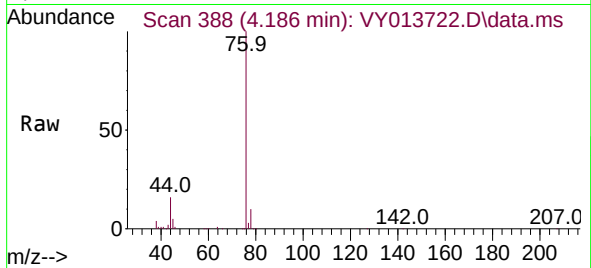
#17
Carbon Disulfide
Concen: 20.559 ug/l
RT: 4.186 min Scan# 388
Delta R.T. -0.006 min
Lab File: VY013722.D
Acq: 11 May 2023 17:45

Instrument :
MSVOA_Y
ClientSampleId :
NB-08-051023

Tgt Ion: 76 Resp: 11538
Ion Ratio Lower Upper
76 100
78 10.1 7.2 10.8

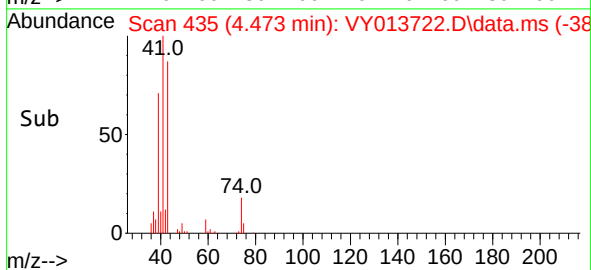
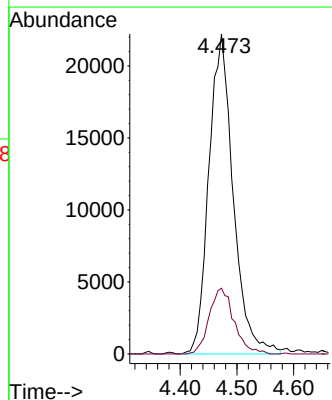
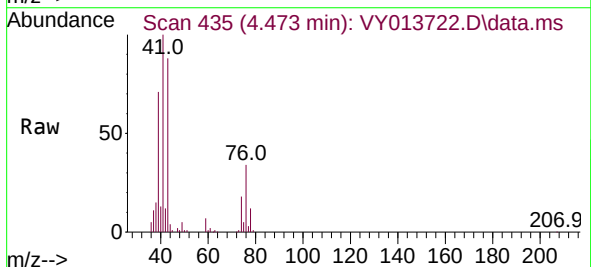
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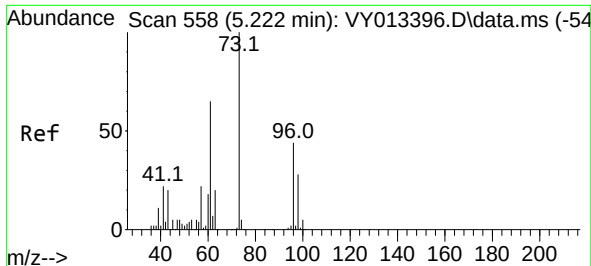
Reviewed By :John Carlone 05/12/2023
Supervised By :Mahesh Dadoda 05/17/2023



#18
Methyl Acetate
Concen: 27.930 ug/l
RT: 4.473 min Scan# 435
Delta R.T. -0.005 min
Lab File: VY013722.D
Acq: 11 May 2023 17:45

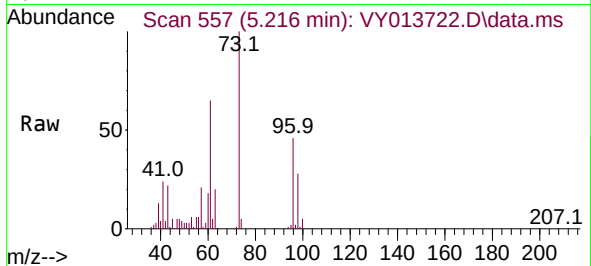
Tgt Ion: 43 Resp: 66203
Ion Ratio Lower Upper
43 100
74 20.9 19.4 29.2





#19
Methyl tert-butyl Ether
Concen: 24.309 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY013722.D
Acq: 11 May 2023 17:45

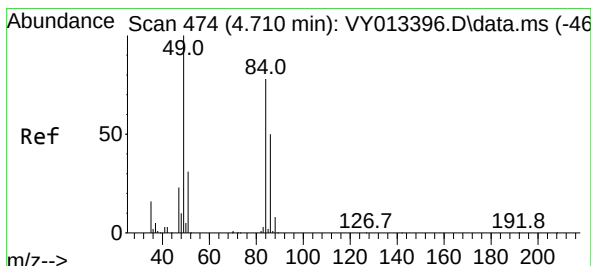
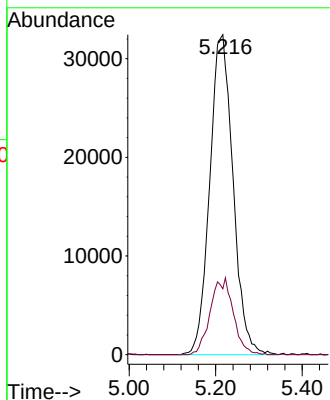
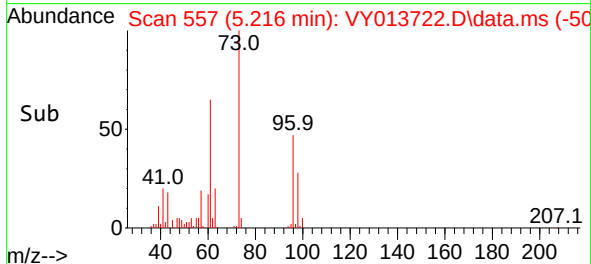
Instrument :
MSVOA_Y
ClientSampleId :
NB-08-051023



Tgt Ion: 73 Resp: 121250
Ion Ratio Lower Upper
73 100
57 20.6 17.8 26.8

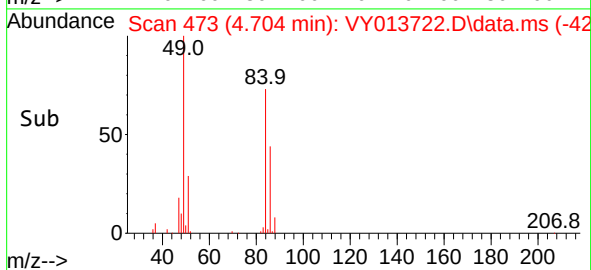
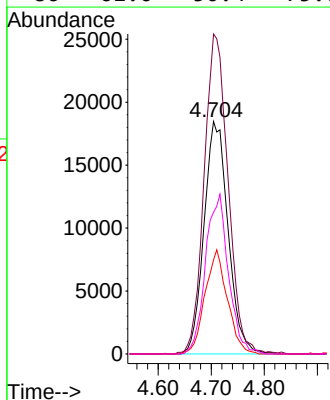
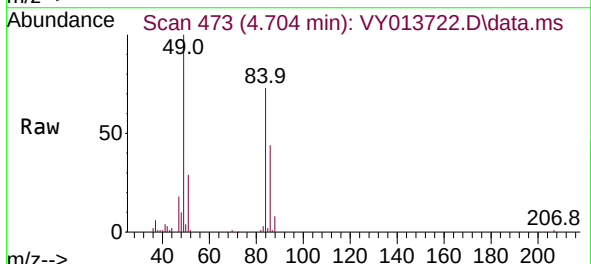
Manual Integrations
APPROVED

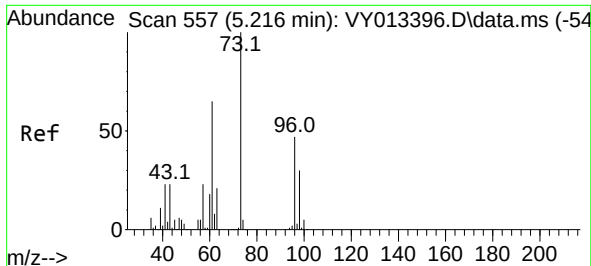
Reviewed By :John Carlone 05/12/2023
Supervised By :Mahesh Dadoda 05/17/2023



#20
Methylene Chloride
Concen: 21.297 ug/l
RT: 4.704 min Scan# 473
Delta R.T. -0.012 min
Lab File: VY013722.D
Acq: 11 May 2023 17:45

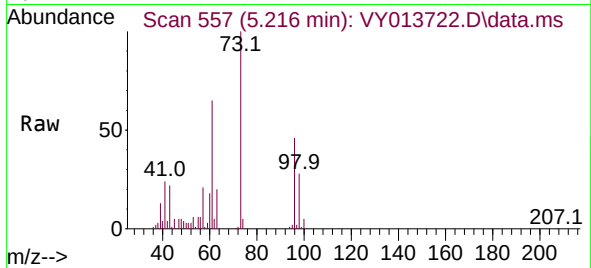
Tgt Ion: 84 Resp: 58322
Ion Ratio Lower Upper
84 100
49 137.1 88.0 132.0#
51 40.4 27.4 41.0
86 61.0 50.4 75.6





#21
trans-1,2-Dichloroethene
Concen: 24.574 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY013722.D
Acq: 11 May 2023 17:45

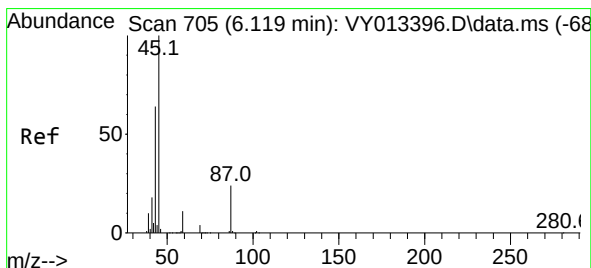
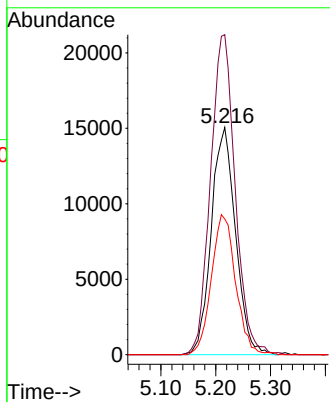
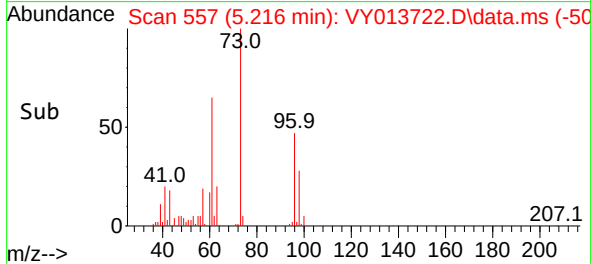
Instrument :
MSVOA_Y
ClientSampleId :
NB-08-051023



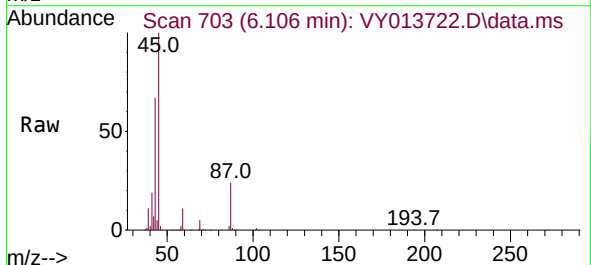
Tgt Ion: 96 Resp: 4642
Ion Ratio Lower Upper
96 100
61 140.8 110.6 165.8
98 59.7 53.1 79.7

Manual Integrations
APPROVED

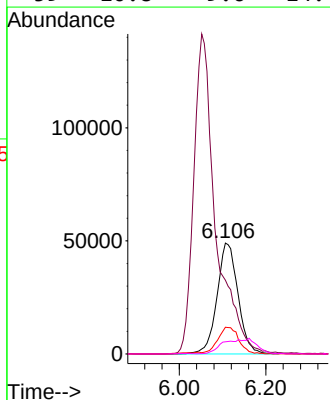
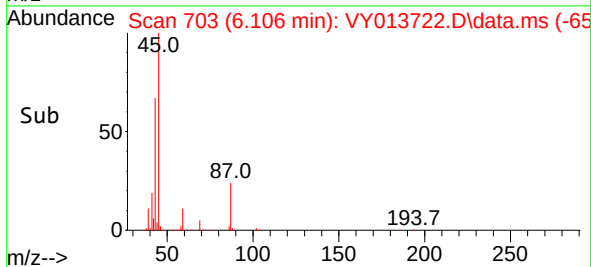
Reviewed By :John Carlone 05/12/2023
Supervised By :Mahesh Dadoda 05/17/2023

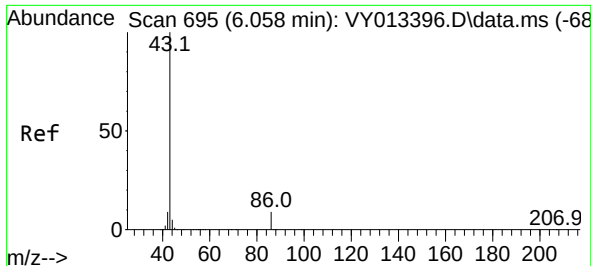


#22
Diisopropyl ether
Concen: 26.372 ug/l
RT: 6.106 min Scan# 703
Delta R.T. -0.012 min
Lab File: VY013722.D
Acq: 11 May 2023 17:45



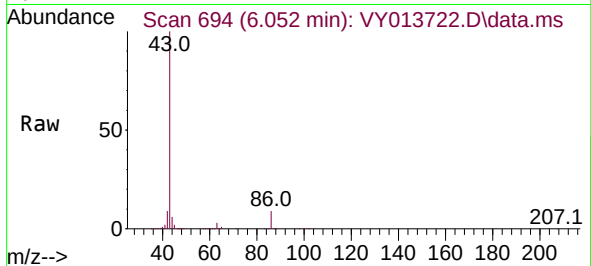
Tgt Ion: 45 Resp: 165249
Ion Ratio Lower Upper
45 100
43 65.5 48.4 72.6
87 24.2 23.8 35.6
59 10.8 9.6 14.4





#23
 Vinyl Acetate
 Concen: 140.496 ug/l
 RT: 6.052 min Scan# 695
 Delta R.T. -0.005 min
 Lab File: VY013722.D
 Acq: 11 May 2023 17:45

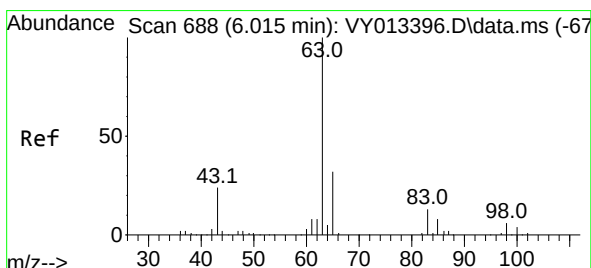
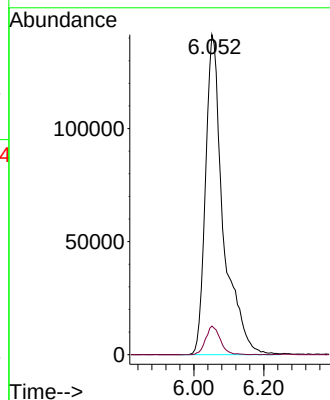
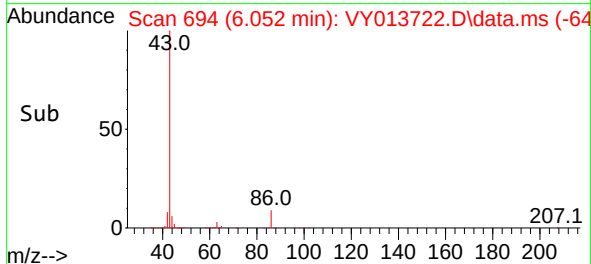
Instrument :
 MSVOA_Y
 ClientSampleId :
 NB-08-051023



Tgt Ion: 43 Resp: 498450
 Ion Ratio Lower Upper
 43 100
 86 9.0 8.5 12.7

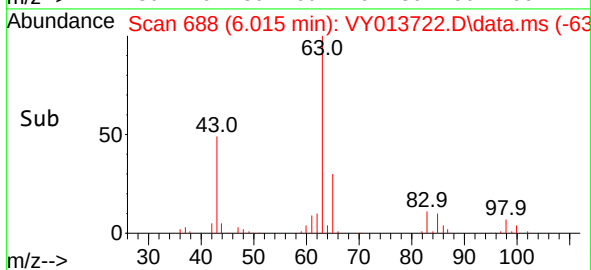
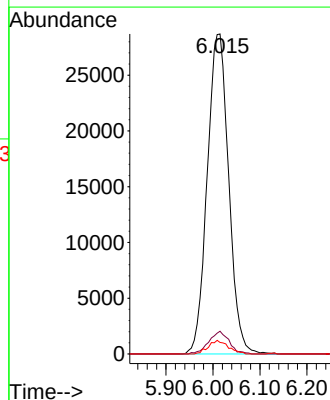
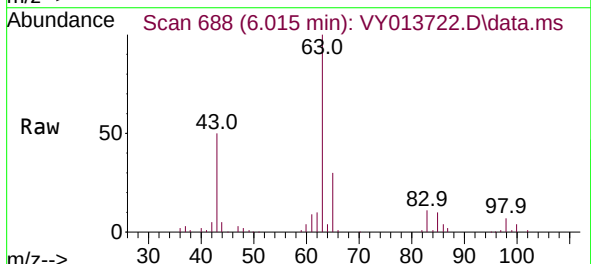
Manual Integrations
 APPROVED

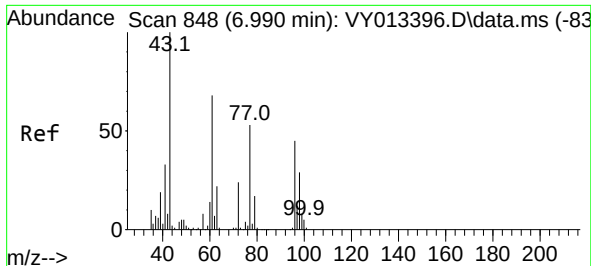
Reviewed By :John Carlone 05/12/2023
 Supervised By :Mahesh Dadoda 05/17/2023



#24
 1,1-Dichloroethane
 Concen: 26.057 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY013722.D
 Acq: 11 May 2023 17:45

Tgt Ion: 63 Resp: 90999
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.5 10.6
 100 3.6 2.2 6.6





#25

2-Butanone

Concen: 136.818 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.012 min

Lab File: VY013722.D

Acq: 11 May 2023 17:45

Instrument :

MSVOA_Y

ClientSampleId :

NB-08-051023

Tgt Ion: 43 Resp: 124528

Ion Ratio Lower Upper

43 100

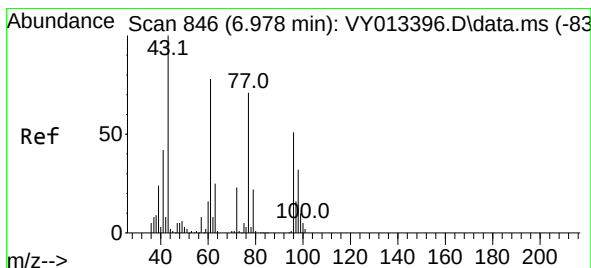
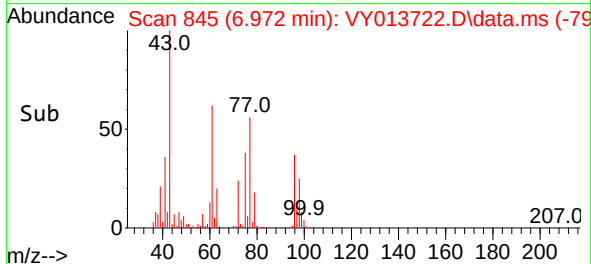
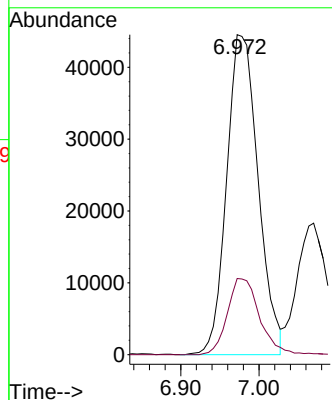
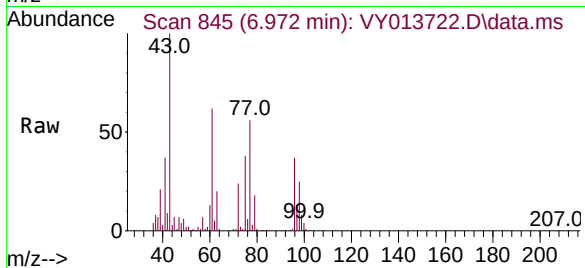
72 23.8 21.9 32.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/12/2023

Supervised By :Mahesh Dadoda 05/17/2023



#26

2,2-Dichloropropane

Concen: 26.060 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY013722.D

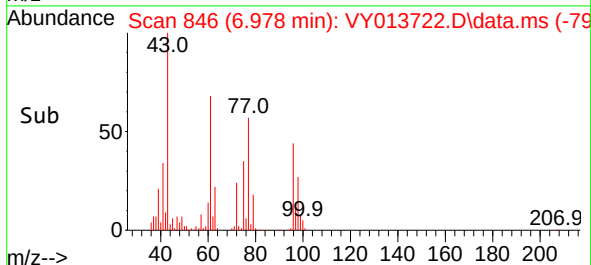
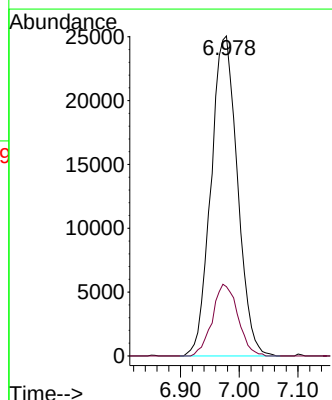
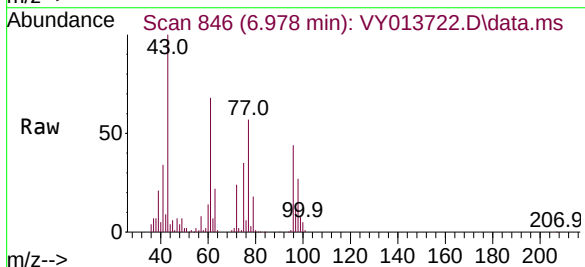
Acq: 11 May 2023 17:45

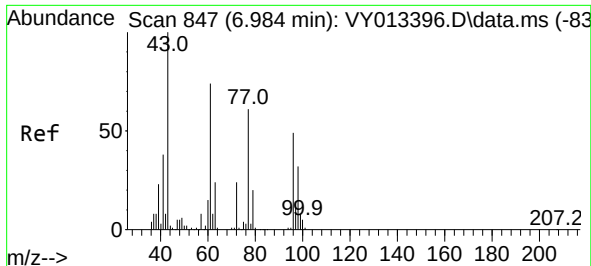
Tgt Ion: 77 Resp: 78422

Ion Ratio Lower Upper

77 100

97 21.6 11.8 35.4





#27

cis-1,2-Dichloroethene

Concen: 24.637 ug/l

RT: 6.978 min Scan# 847

Delta R.T. -0.006 min

Lab File: VY013722.D

Acq: 11 May 2023 17:45

Instrument :

MSVOA_Y

ClientSampleId :

NB-08-051023

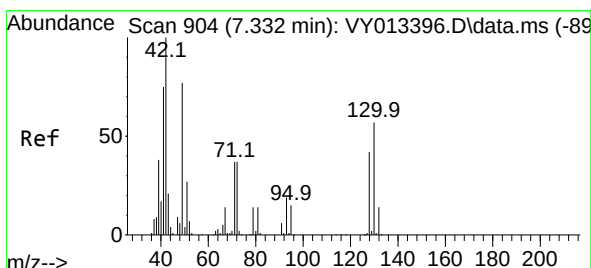
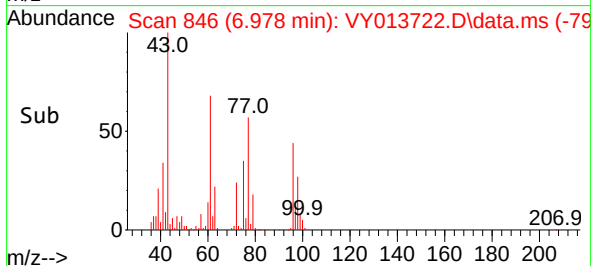
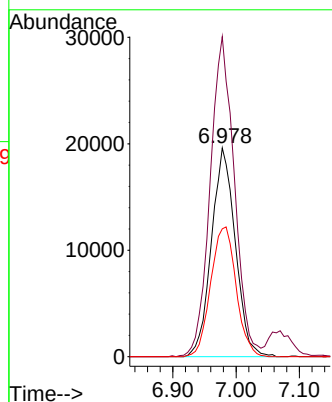
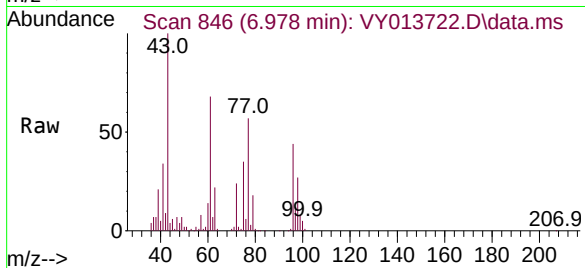
Tgt Ion:	96	Resp:	5142
Ion Ratio	Lower	Upper	
96	100		
61	155.3	0.0	285.0
98	66.1	0.0	130.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/12/2023

Supervised By :Mahesh Dadoda 05/17/2023



#28

Bromochloromethane

Concen: 27.249 ug/l

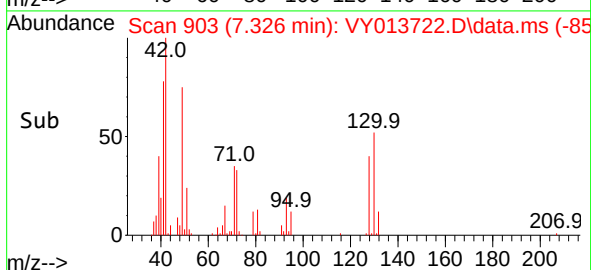
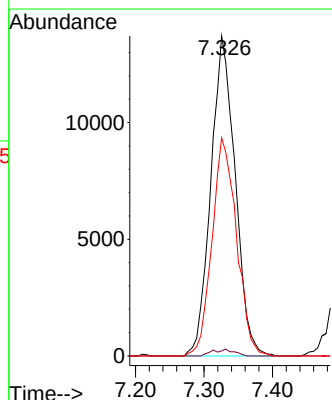
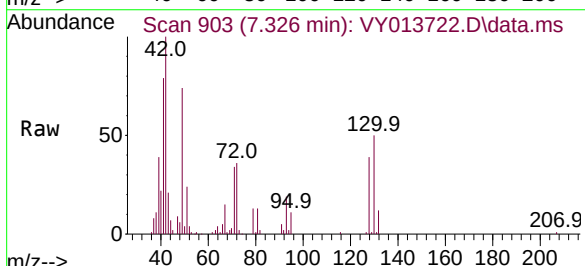
RT: 7.326 min Scan# 903

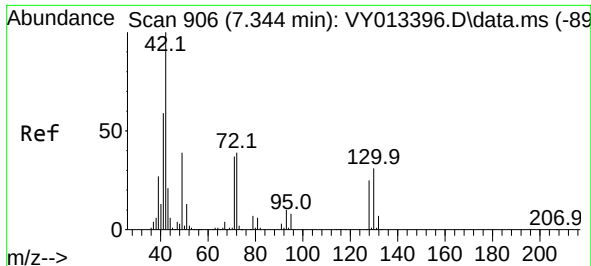
Delta R.T. -0.006 min

Lab File: VY013722.D

Acq: 11 May 2023 17:45

Tgt Ion:	49	Resp:	33769
Ion Ratio	Lower	Upper	
49	100		
129	1.9	0.0	5.2
130	68.6	72.1	108.1





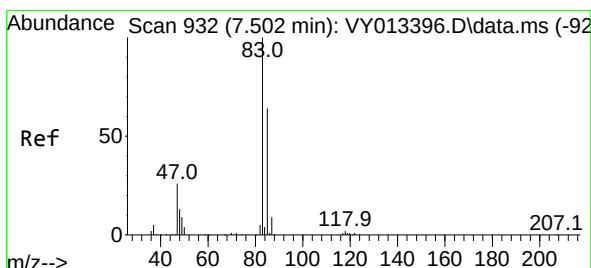
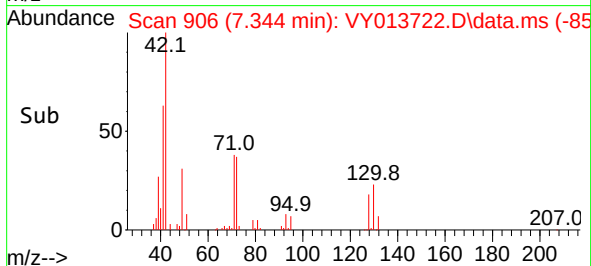
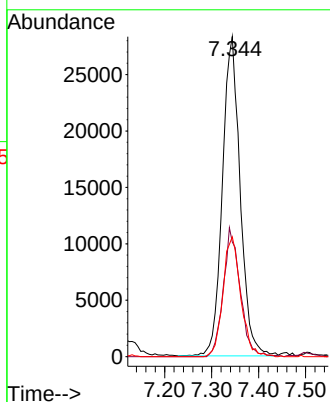
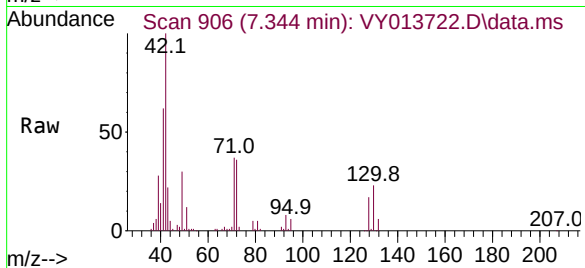
#29
Tetrahydrofuran
Concen: 131.705 ug/l
RT: 7.344 min Scan# 906
Delta R.T. -0.000 min
Lab File: VY013722.D
Acq: 11 May 2023 17:45

Instrument :
MSVOA_Y
ClientSampleId :
NB-08-051023

Tgt Ion: 42 Resp: 74619
Ion Ratio Lower Upper
42 100
72 38.2 35.9 53.9
71 37.5 34.3 51.5

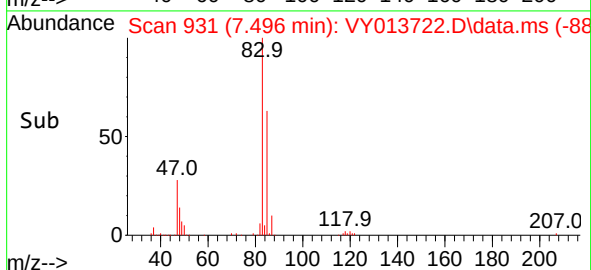
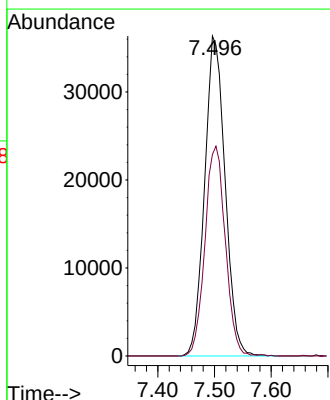
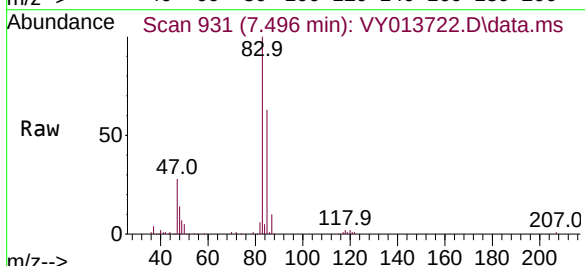
Manual Integrations
APPROVED

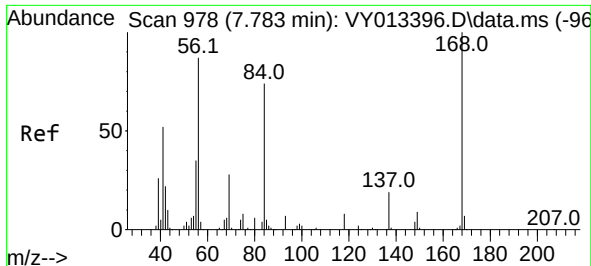
Reviewed By :John Carlone 05/12/2023
Supervised By :Mahesh Dadoda 05/17/2023



#30
Chloroform
Concen: 26.230 ug/l
RT: 7.496 min Scan# 931
Delta R.T. -0.006 min
Lab File: VY013722.D
Acq: 11 May 2023 17:45

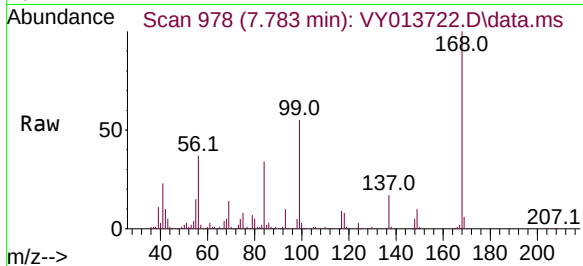
Tgt Ion: 83 Resp: 91077
Ion Ratio Lower Upper
83 100
85 63.0 52.0 78.0





#31
Cyclohexane
Concen: 22.101 ug/l
RT: 7.783 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY013722.D
Acq: 11 May 2023 17:45

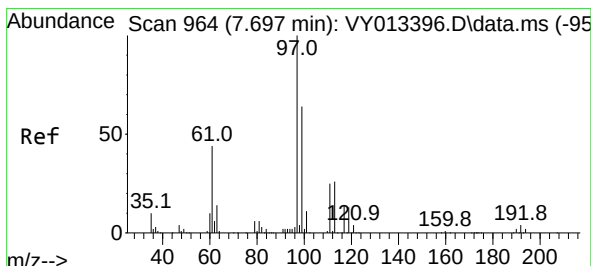
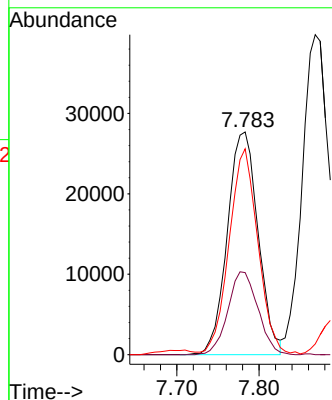
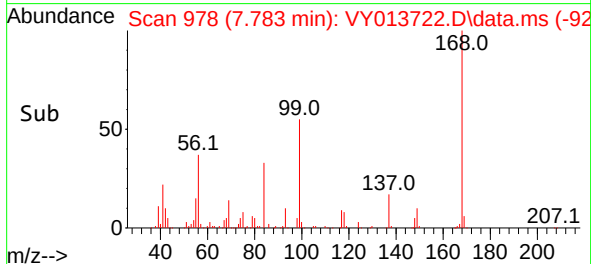
Instrument :
MSVOA_Y
ClientSampleId :
NB-08-051023



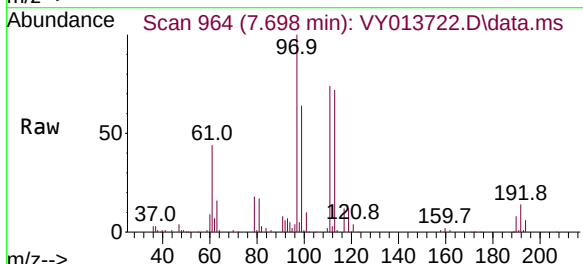
Tgt Ion: 56 Resp: 7211
Ion Ratio Lower Upper
56 100
69 36.9 29.2 43.8
84 90.6 73.0 109.6

Manual Integrations
APPROVED

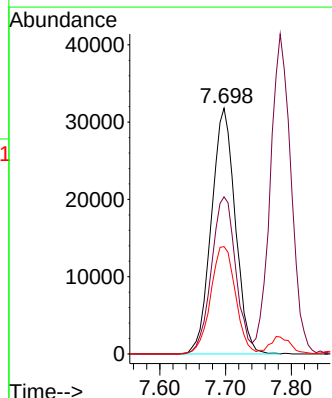
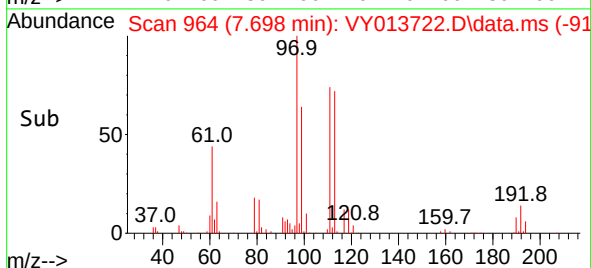
Reviewed By :John Carlone 05/12/2023
Supervised By :Mahesh Dadoda 05/17/2023

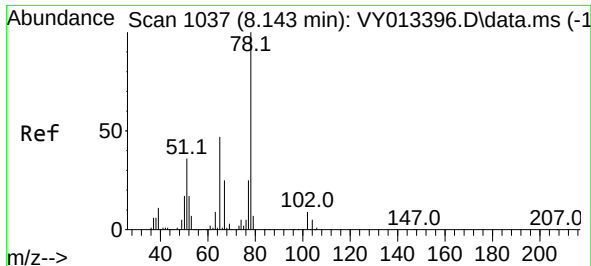


#32
1,1,1-Trichloroethane
Concen: 25.940 ug/l
RT: 7.698 min Scan# 964
Delta R.T. 0.001 min
Lab File: VY013722.D
Acq: 11 May 2023 17:45



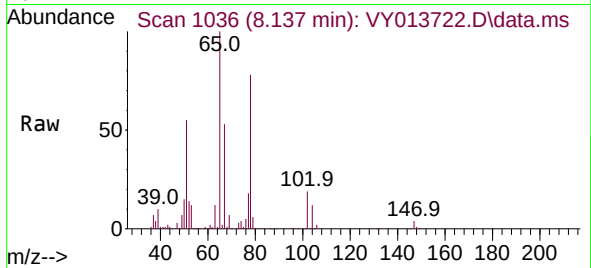
Tgt Ion: 97 Resp: 80373
Ion Ratio Lower Upper
97 100
99 65.2 52.2 78.2
61 45.4 33.8 50.8





#33
1,2-Dichloroethane-d4
Concen: 55.414 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.001 min
Lab File: VY013722.D
Acq: 11 May 2023 17:45

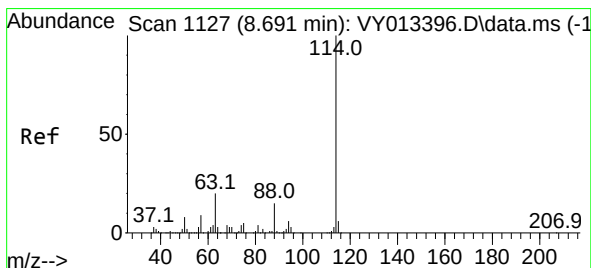
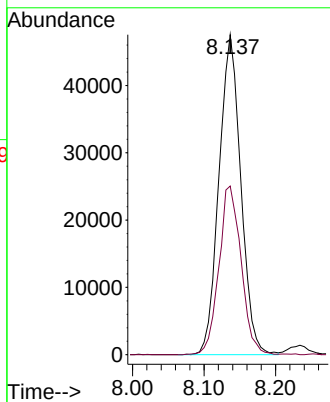
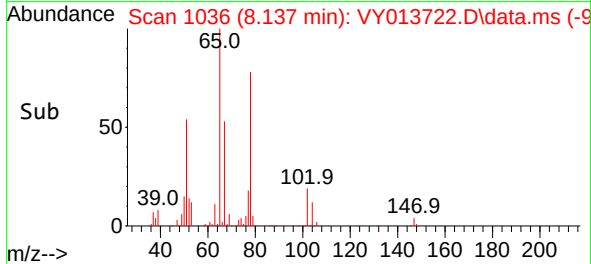
Instrument :
MSVOA_Y
ClientSampleId :
NB-08-051023



Tgt Ion: 65 Resp: 100980
Ion Ratio Lower Upper
65 100
67 53.4 0.0 103.4

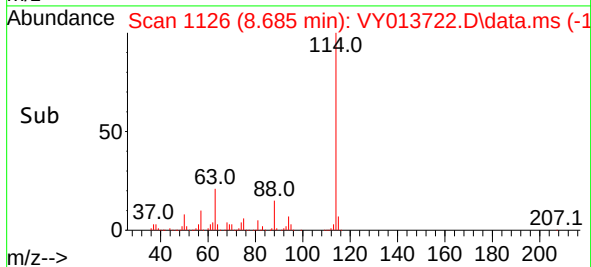
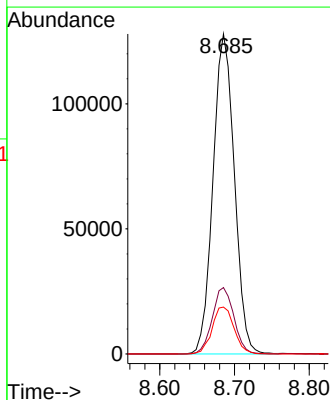
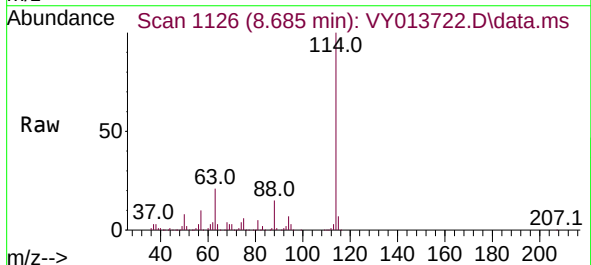
Manual Integrations
APPROVED

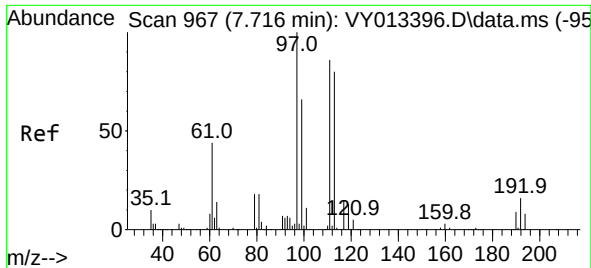
Reviewed By :John Carlone 05/12/2023
Supervised By :Mahesh Dadoda 05/17/2023



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VY013722.D
Acq: 11 May 2023 17:45

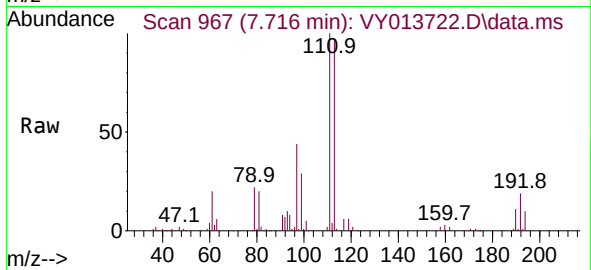
Tgt Ion:114 Resp: 253668
Ion Ratio Lower Upper
114 100
63 20.8 0.0 36.6
88 14.6 0.0 28.8





#35
Dibromofluoromethane
Concen: 54.182 ug/l
RT: 7.716 min Scan# 909
Delta R.T. -0.000 min
Lab File: VY013722.D
Acq: 11 May 2023 17:45

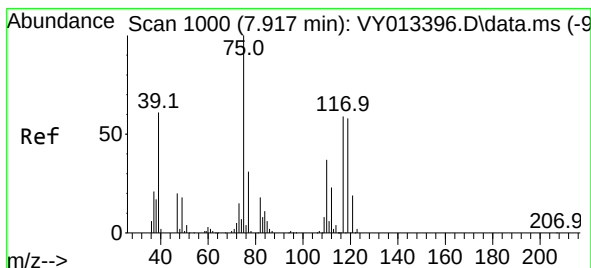
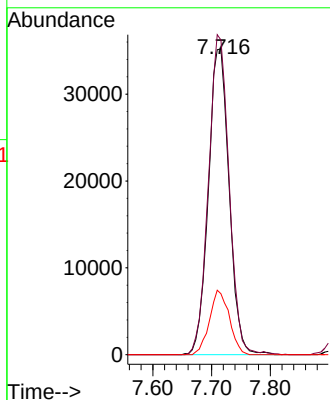
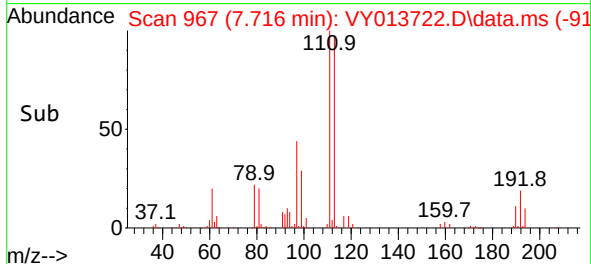
Instrument :
MSVOA_Y
ClientSampleId :
NB-08-051023



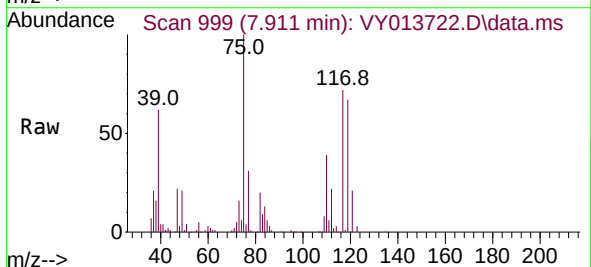
Tgt Ion: 113 Resp: 8644
Ion Ratio Lower Upper
113 100
111 103.9 82.2 123.2
192 20.1 16.7 25.1

Manual Integrations
APPROVED

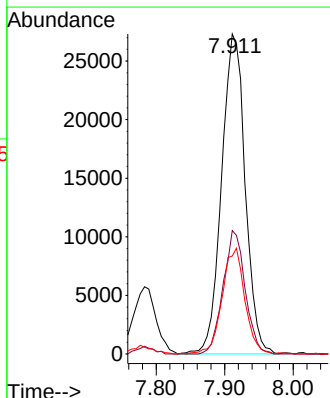
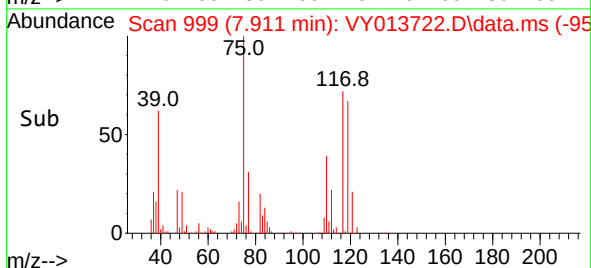
Reviewed By :John Carlone 05/12/2023
Supervised By :Mahesh Dadoda 05/17/2023

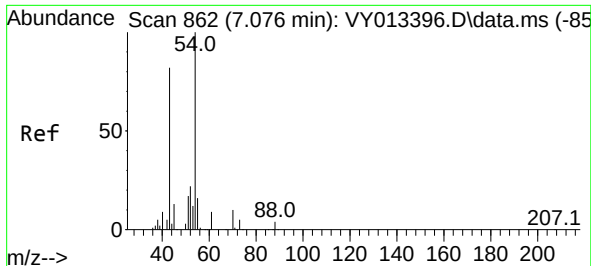


#36
1,1-Dichloropropene
Concen: 24.614 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.006 min
Lab File: VY013722.D
Acq: 11 May 2023 17:45



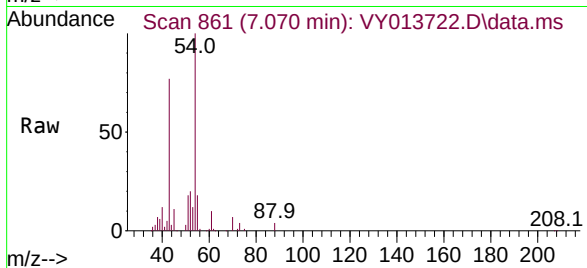
Tgt Ion: 75 Resp: 65174
Ion Ratio Lower Upper
75 100
110 36.1 18.7 56.1
77 31.8 24.6 37.0





#37
Ethyl Acetate
Concen: 25.405 ug/l
RT: 7.070 min Scan# 80
Delta R.T. 0.001 min
Lab File: VY013722.D
Acq: 11 May 2023 17:45

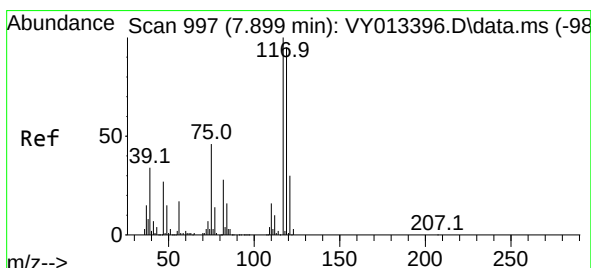
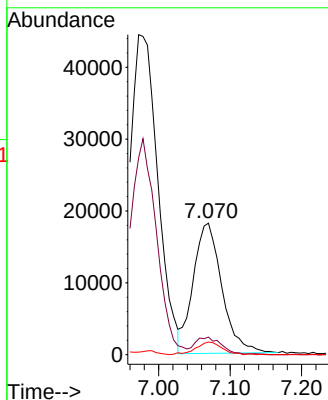
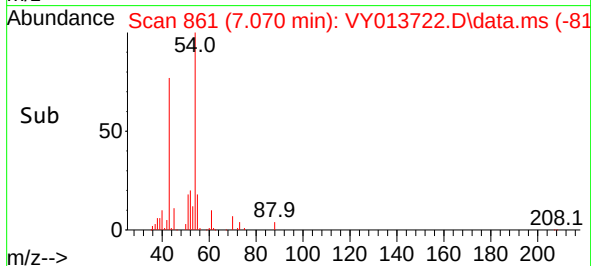
Instrument :
MSVOA_Y
ClientSampleId :
NB-08-051023



Tgt Ion: 43 Resp: 5062
Ion Ratio Lower Upper
43 100
61 11.4 11.4 17.0
70 8.8 7.9 11.9

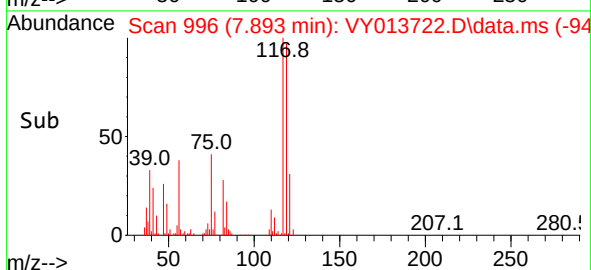
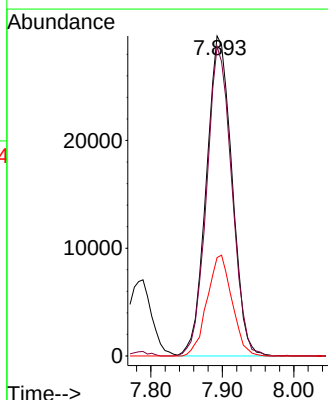
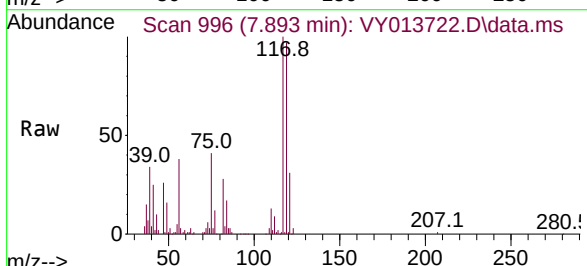
Manual Integrations
APPROVED

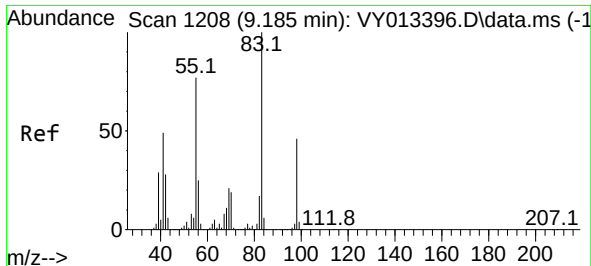
Reviewed By :John Carlone 05/12/2023
Supervised By :Mahesh Dadoda 05/17/2023



#38
Carbon Tetrachloride
Concen: 26.694 ug/l
RT: 7.893 min Scan# 996
Delta R.T. -0.006 min
Lab File: VY013722.D
Acq: 11 May 2023 17:45

Tgt Ion:117 Resp: 74083
Ion Ratio Lower Upper
117 100
119 96.5 79.0 118.6
121 30.7 26.6 40.0





#39

Methylcyclohexane

Concen: 23.332 ug/l

RT: 9.179 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY013722.D

Acq: 11 May 2023 17:45

Instrument :

MSVOA_Y

ClientSampleId :

NB-08-051023

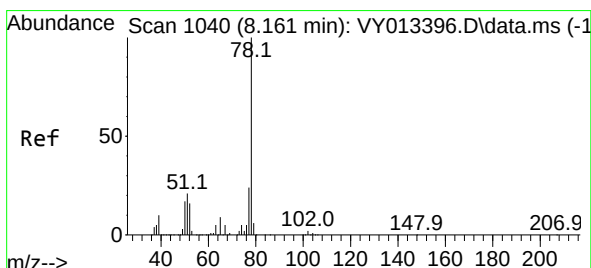
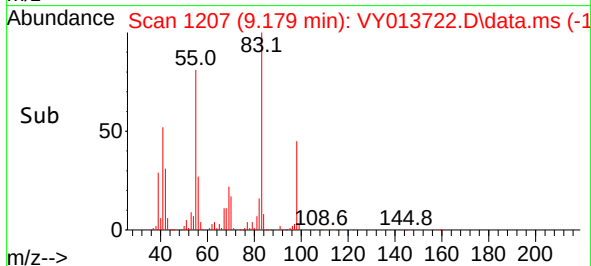
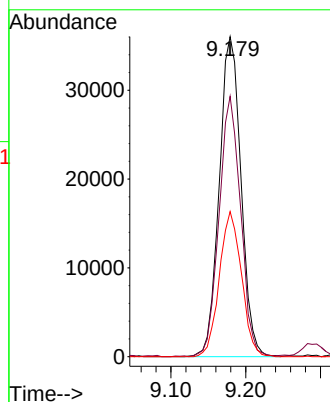
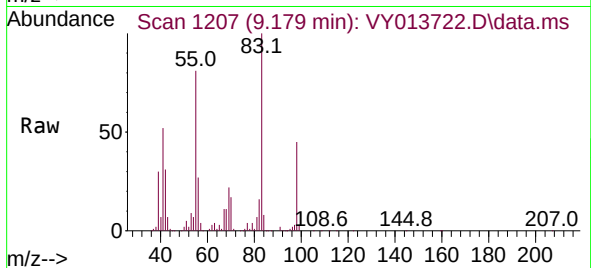
Tgt Ion:	83	Resp:	72834
Ion	Ratio	Lower	Upper
83	100		
55	81.2	59.0	88.4
98	45.4	37.0	55.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/12/2023

Supervised By :Mahesh Dadoda 05/17/2023



#40

Benzene

Concen: 25.563 ug/l

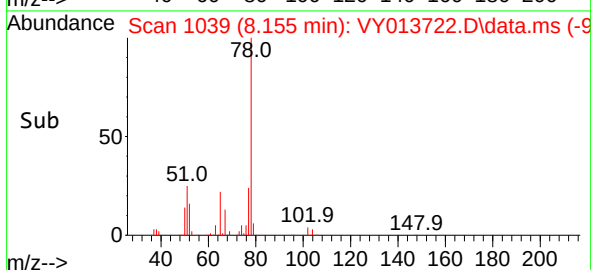
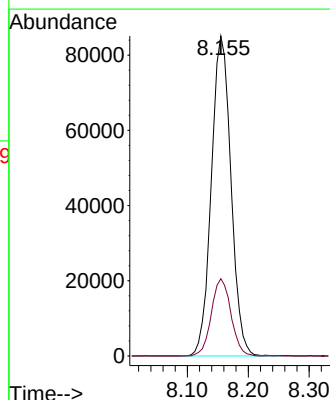
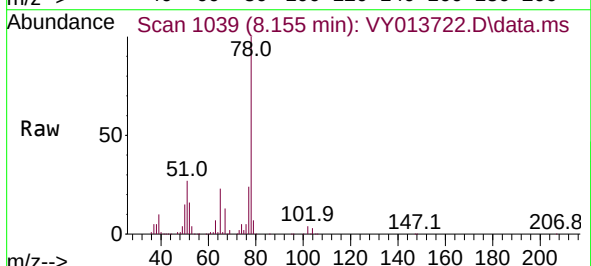
RT: 8.155 min Scan# 1039

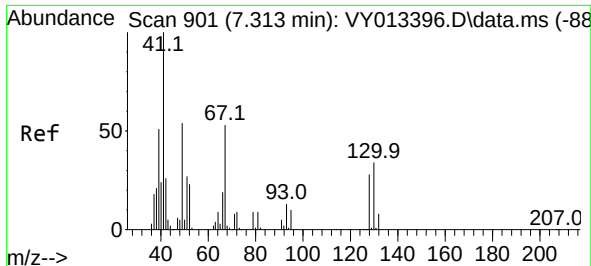
Delta R.T. -0.006 min

Lab File: VY013722.D

Acq: 11 May 2023 17:45

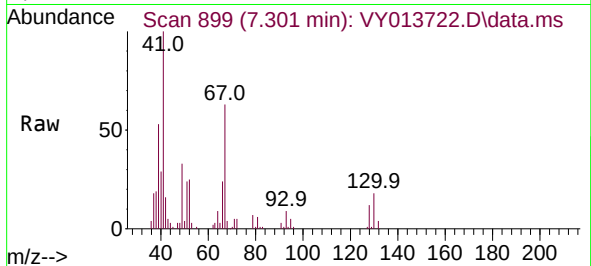
Tgt Ion:	78	Resp:	190670
Ion	Ratio	Lower	Upper
78	100		
77	24.1	19.2	28.8





#41
Methacrylonitrile
Concen: 22.448 ug/l m
RT: 7.301 min Scan# 899
Delta R.T. -0.006 min
Lab File: VY013722.D
Acq: 11 May 2023 17:45

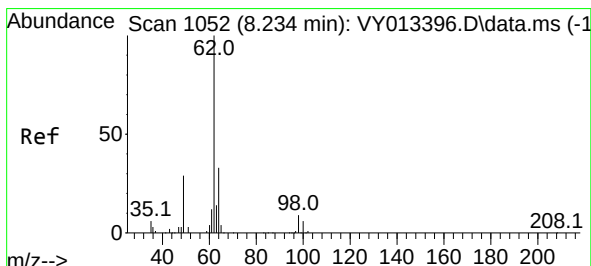
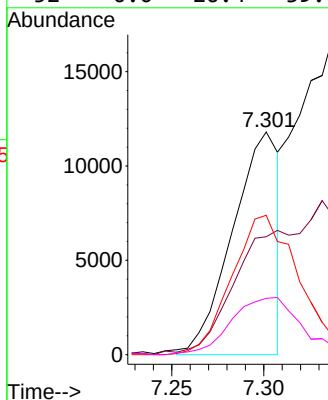
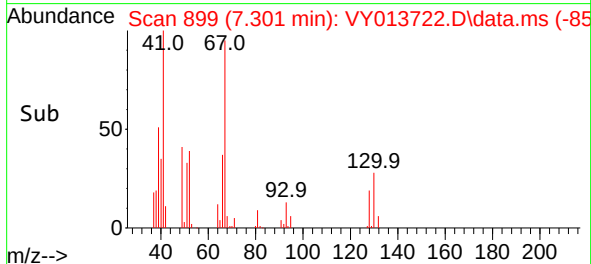
Instrument :
MSVOA_Y
ClientSampleId :
NB-08-051023



Tgt Ion: 41 Resp: 20844
Ion Ratio Lower Upper
41 100
39 174.7 44.2 66.4
67 0.0 62.9 94.3
52 0.0 26.4 39.6

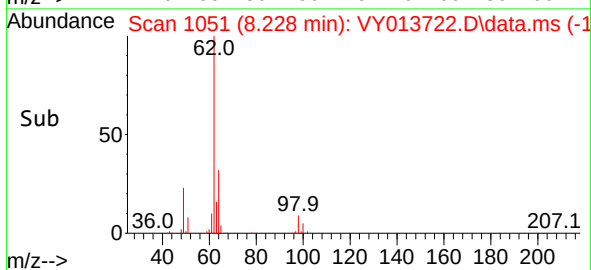
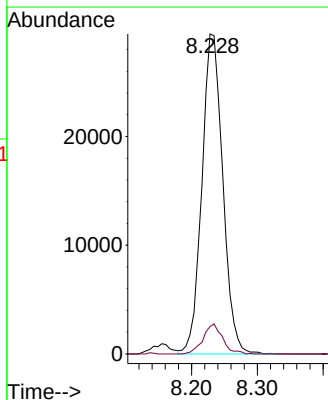
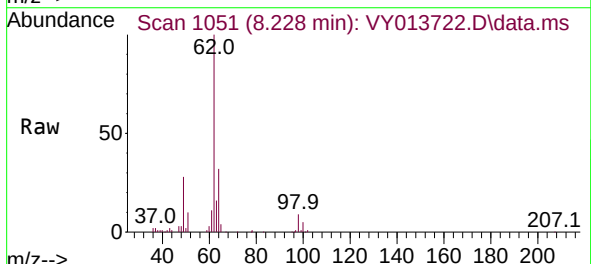
Manual Integrations
APPROVED

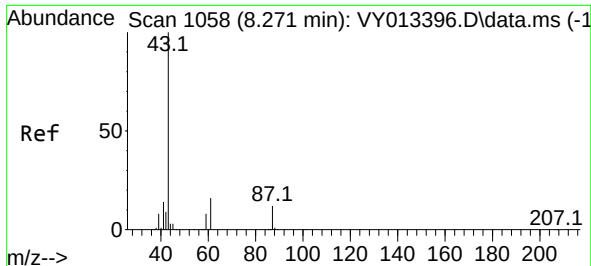
Reviewed By :John Carlone 05/12/2023
Supervised By :Mahesh Dadoda 05/17/2023



#42
1,2-Dichloroethane
Concen: 26.713 ug/l
RT: 8.228 min Scan# 1051
Delta R.T. -0.006 min
Lab File: VY013722.D
Acq: 11 May 2023 17:45

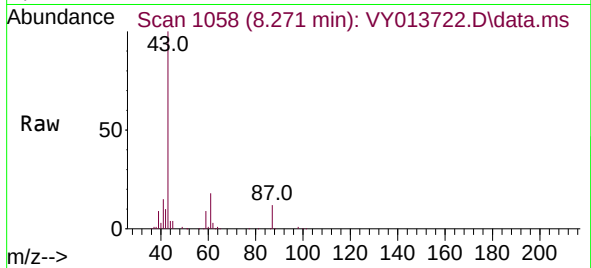
Tgt Ion: 62 Resp: 65139
Ion Ratio Lower Upper
62 100
98 8.7 0.0 17.8





#43
Isopropyl Acetate
Concen: 25.643 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. 0.001 min
Lab File: VY013722.D
Acq: 11 May 2023 17:45

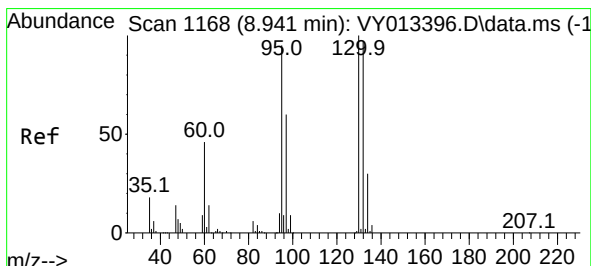
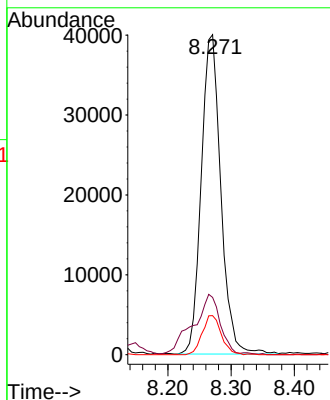
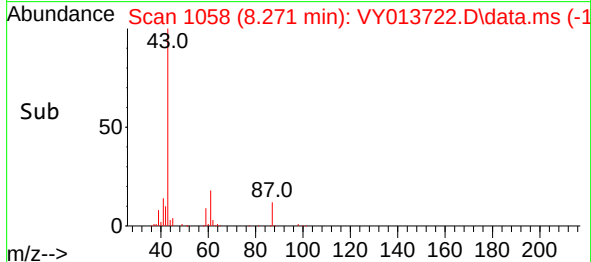
Instrument :
MSVOA_Y
ClientSampleId :
NB-08-051023



Tgt Ion: 43 Resp: 8624
Ion Ratio Lower Upper
43 100
61 25.3 22.2 33.4
87 11.9 11.0 16.6

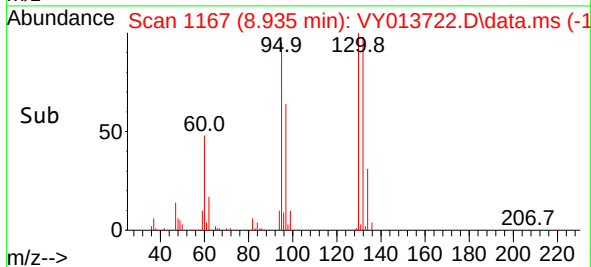
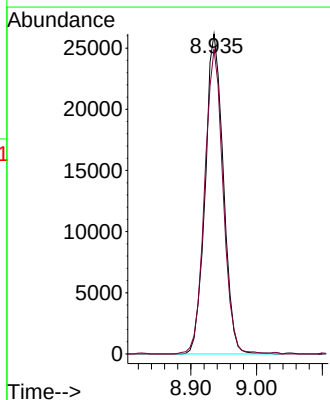
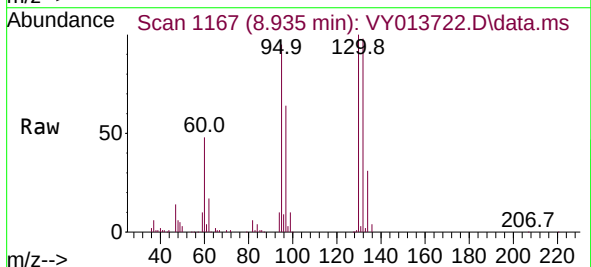
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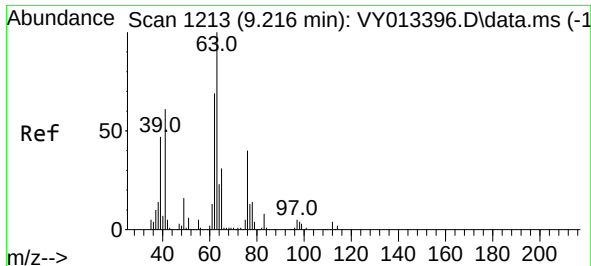
Reviewed By :John Carlone 05/12/2023
Supervised By :Mahesh Dadoda 05/17/2023



#44
Trichloroethene
Concen: 25.230 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VY013722.D
Acq: 11 May 2023 17:45

Tgt Ion:130 Resp: 50058
Ion Ratio Lower Upper
130 100
95 95.0 0.0 188.8





#45

1,2-Dichloropropane

Concen: 26.516 ug/l

RT: 9.210 min Scan# 1212

Delta R.T. -0.005 min

Lab File: VY013722.D

Acq: 11 May 2023 17:45

Instrument :

MSVOA_Y

ClientSampleId :

NB-08-051023

Tgt Ion: 63 Resp: 5171

Ion Ratio Lower Upper

63 100

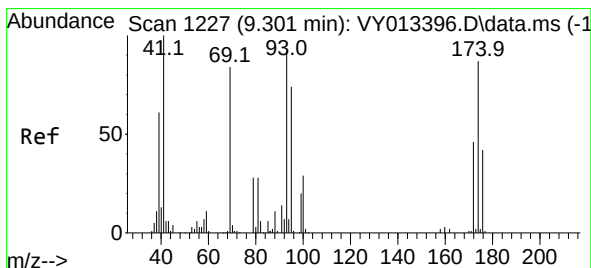
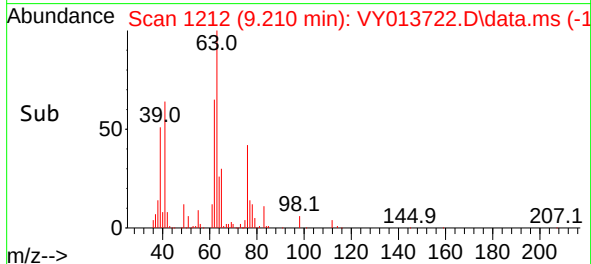
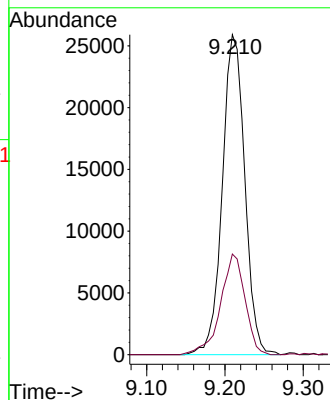
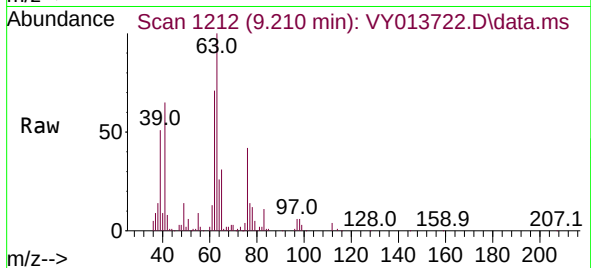
65 31.5 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/12/2023

Supervised By :Mahesh Dadoda 05/17/2023



#46

Dibromomethane

Concen: 25.642 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.006 min

Lab File: VY013722.D

Acq: 11 May 2023 17:45

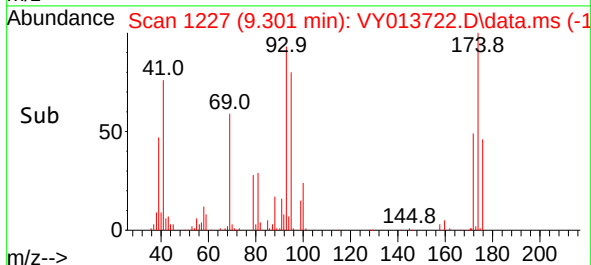
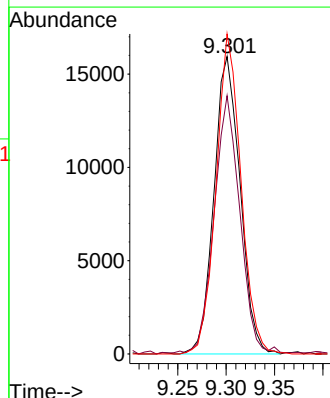
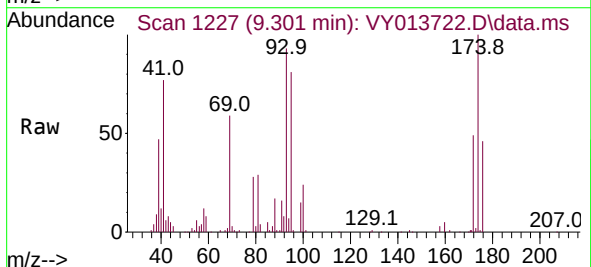
Tgt Ion: 93 Resp: 29921

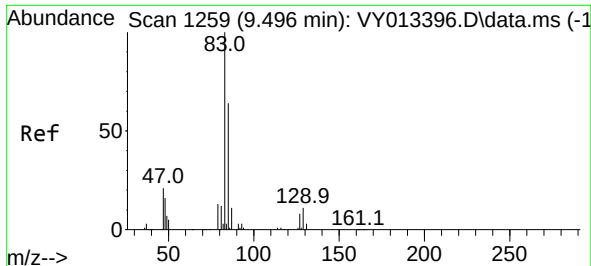
Ion Ratio Lower Upper

93 100

95 84.8 67.1 100.7

174 102.6 87.0 130.4





#47

Bromodichloromethane

Concen: 27.578 ug/l

RT: 9.490 min Scan# 1258

Delta R.T. -0.006 min

Lab File: VY013722.D

Acq: 11 May 2023 17:45

Instrument :

MSVOA_Y

ClientSampleId :

NB-08-051023

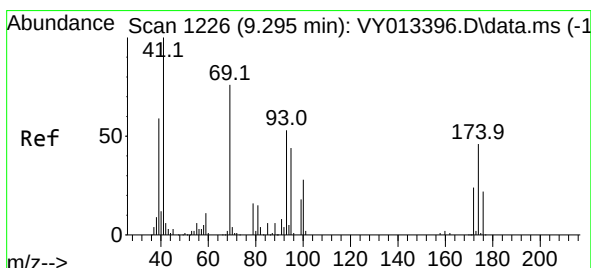
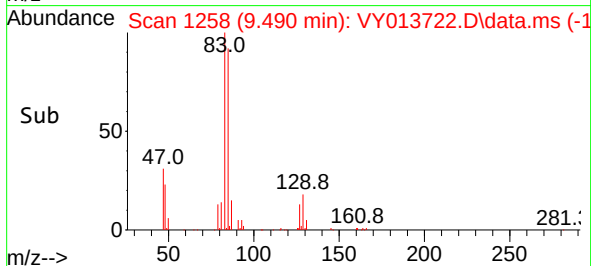
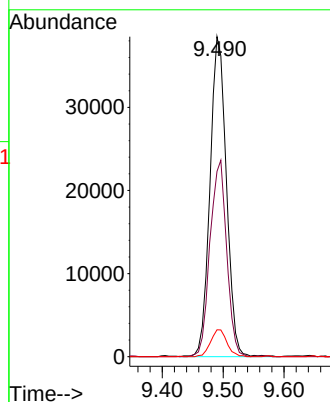
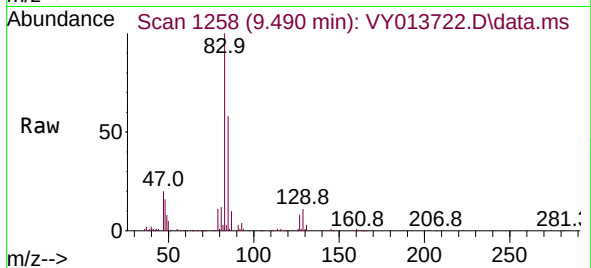
Tgt Ion:	83	Resp:	72000
Ion Ratio	Lower	Upper	
83	100		
85	57.9	51.4	77.2
127	8.4	8.1	12.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/12/2023

Supervised By :Mahesh Dadoda 05/17/2023



#48

Methyl methacrylate

Concen: 25.904 ug/l

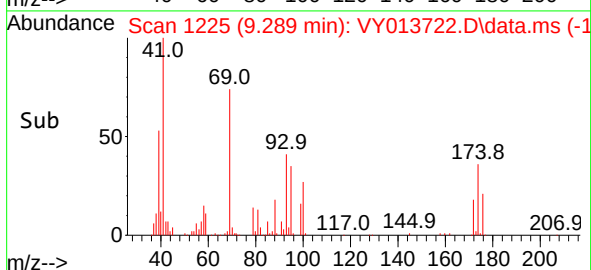
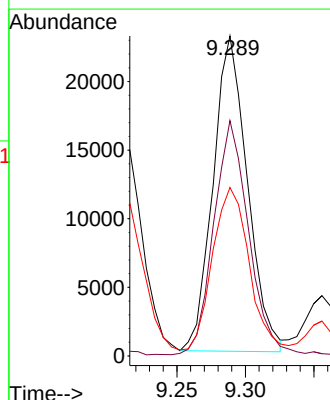
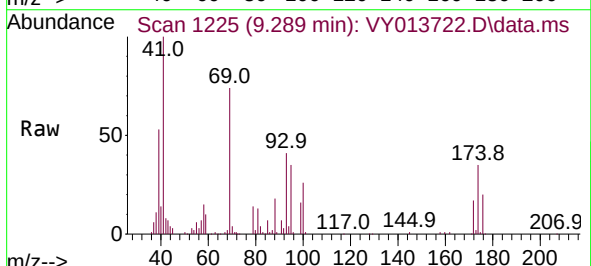
RT: 9.289 min Scan# 1225

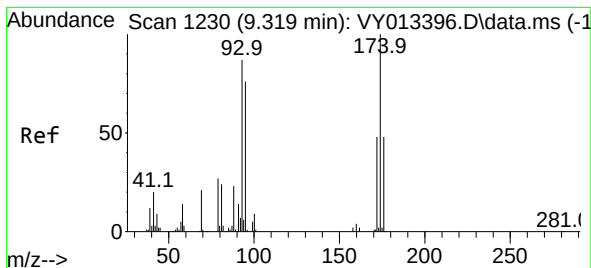
Delta R.T. -0.000 min

Lab File: VY013722.D

Acq: 11 May 2023 17:45

Tgt Ion:	41	Resp:	40013
Ion Ratio	Lower	Upper	
41	100		
69	75.5	70.2	105.4
39	58.0	47.9	71.9





#49

1,4-Dioxane

Concen: 565.840 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. -0.012 min

Lab File: VY013722.D

Acq: 11 May 2023 17:45

Instrument :

MSVOA_Y

ClientSampleId :

NB-08-051023

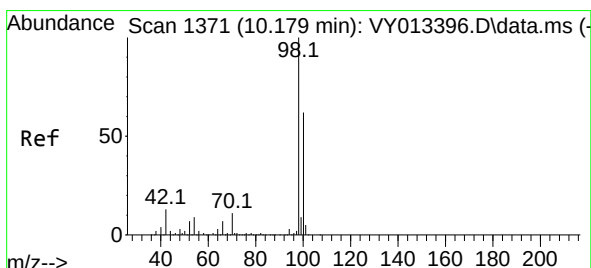
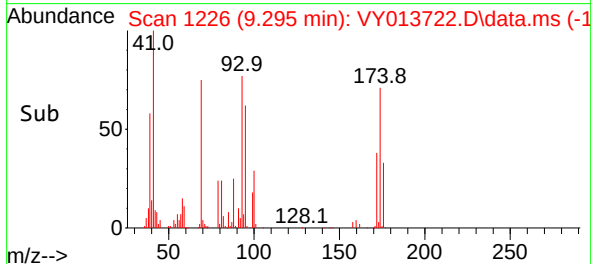
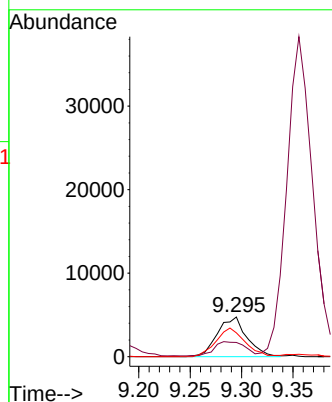
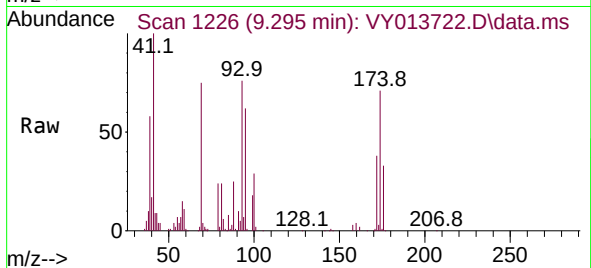
Tgt Ion:	88	Resp:	9430
Ion	Ratio	Lower	Upper
88	100		
43	36.9	16.8	25.2
58	70.8	54.3	81.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/12/2023

Supervised By :Mahesh Dadoda 05/17/2023



#50

Toluene-d8

Concen: 54.205 ug/l

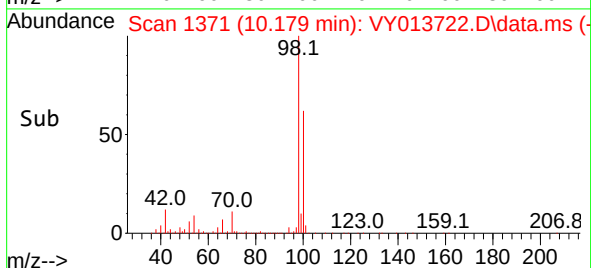
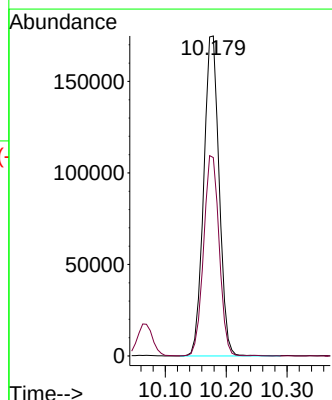
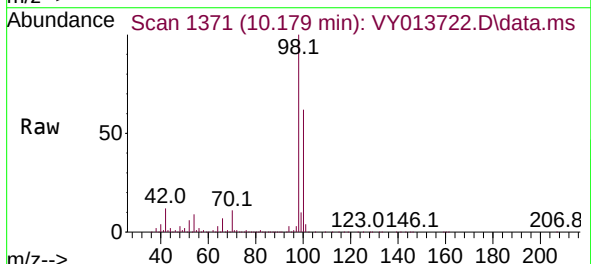
RT: 10.179 min Scan# 1371

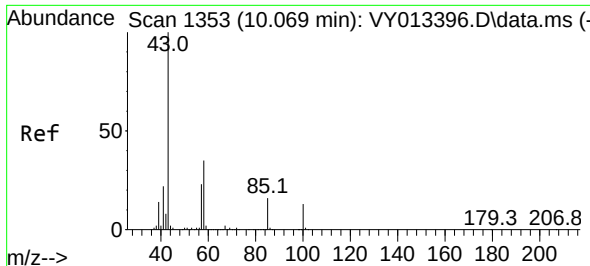
Delta R.T. -0.000 min

Lab File: VY013722.D

Acq: 11 May 2023 17:45

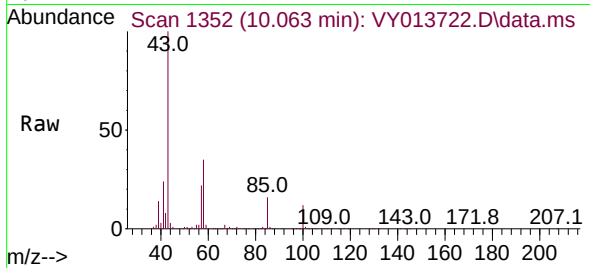
Tgt Ion:	98	Resp:	307652
Ion	Ratio	Lower	Upper
98	100		
100	63.0	50.5	75.7





#51
4-Methyl-2-Pentanone
Concen: 134.104 ug/l
RT: 10.063 min Scan# 1352
Delta R.T. -0.006 min
Lab File: VY013722.D
Acq: 11 May 2023 17:45

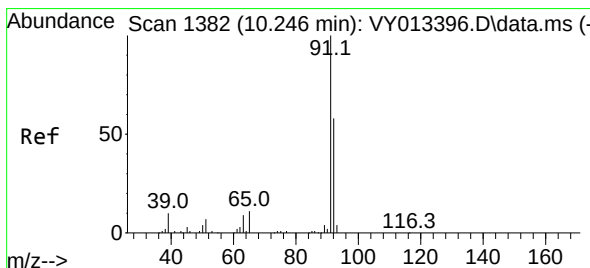
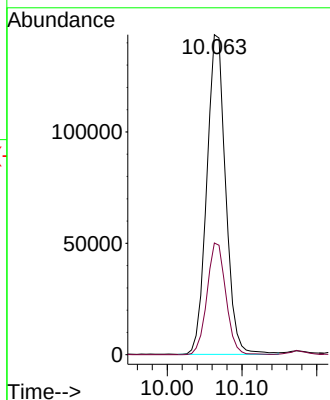
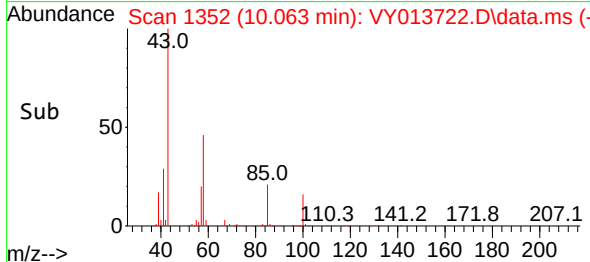
Instrument :
MSVOA_Y
ClientSampleId :
NB-08-051023



Tgt Ion: 43 Resp: 251338
Ion Ratio Lower Upper
43 100
58 35.0 30.6 46.0

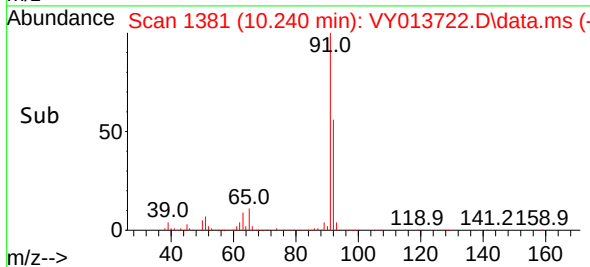
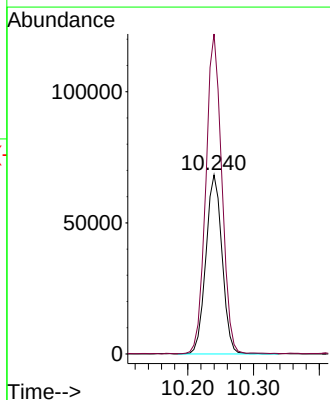
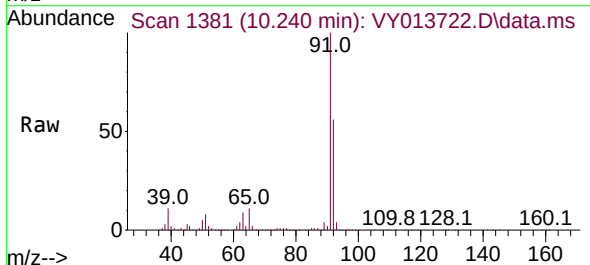
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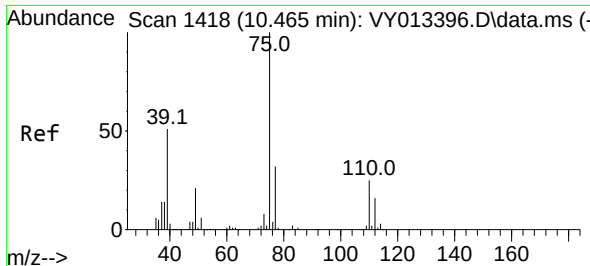
Reviewed By :John Carlone 05/12/2023
Supervised By :Mahesh Dadoda 05/17/2023



#52
Toluene
Concen: 26.064 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY013722.D
Acq: 11 May 2023 17:45

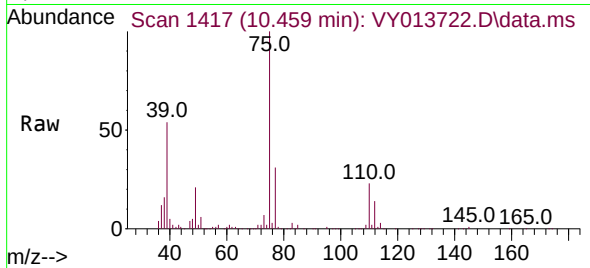
Tgt Ion: 92 Resp: 116986
Ion Ratio Lower Upper
92 100
91 176.0 140.2 210.4





#53
t-1,3-Dichloropropene
Concen: 25.877 ug/l
RT: 10.459 min Scan# 1418
Delta R.T. -0.006 min
Lab File: VY013722.D
Acq: 11 May 2023 17:45

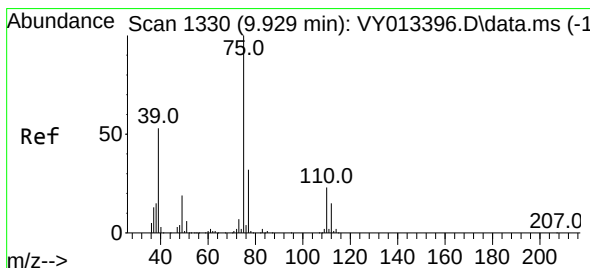
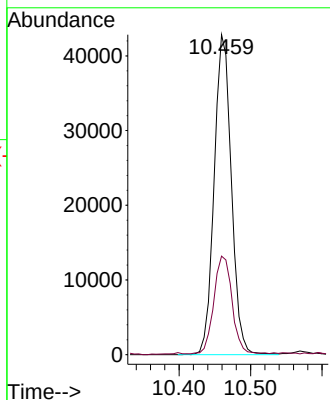
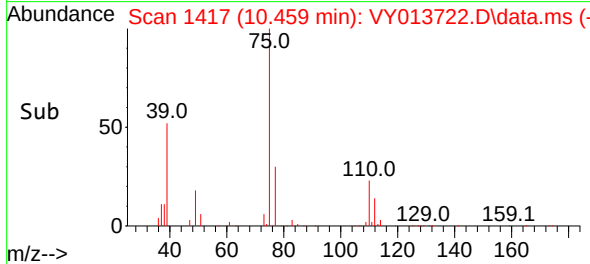
Instrument : MSVOA_Y
ClientSampleId : NB-08-051023



Tgt Ion: 75 Resp: 71509
Ion Ratio Lower Upper
75 100
77 30.4 25.8 38.8

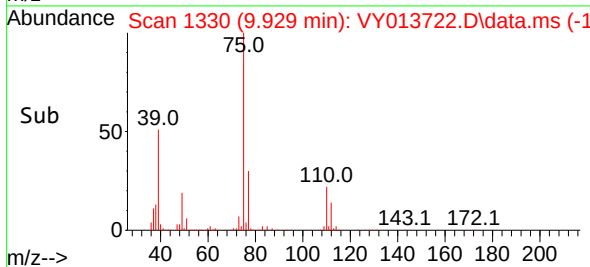
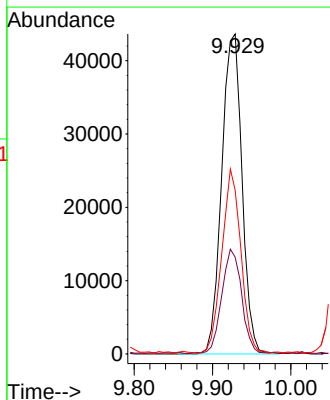
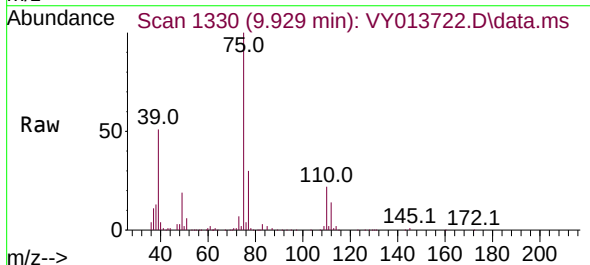
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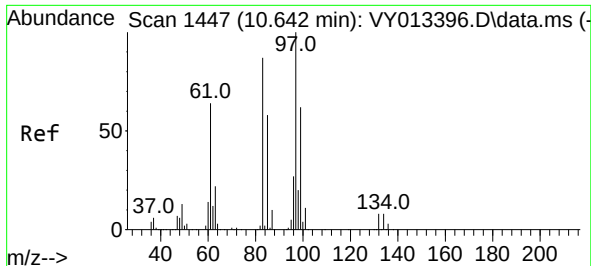
Reviewed By :John Carlone 05/12/2023
Supervised By :Mahesh Dadoda 05/17/2023



#54
cis-1,3-Dichloropropene
Concen: 25.330 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.000 min
Lab File: VY013722.D
Acq: 11 May 2023 17:45

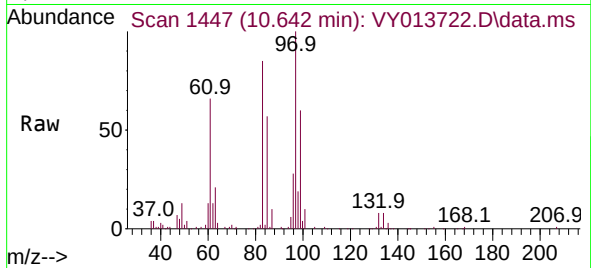
Tgt Ion: 75 Resp: 78762
Ion Ratio Lower Upper
75 100
77 30.0 24.8 37.2
39 50.7 38.1 57.1





#55
1,1,2-Trichloroethane
Concen: 26.606 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY013722.D
Acq: 11 May 2023 17:45

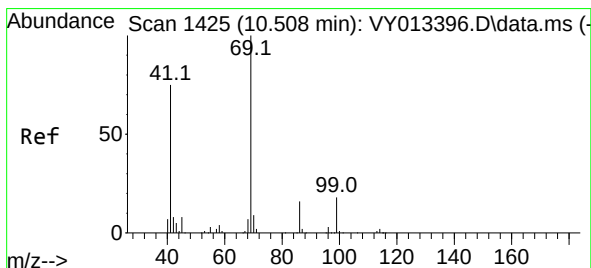
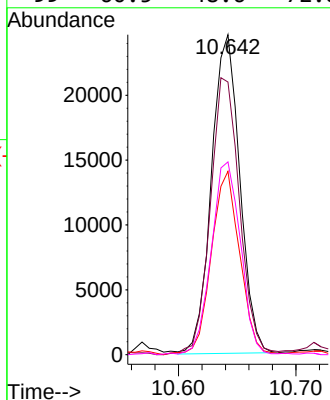
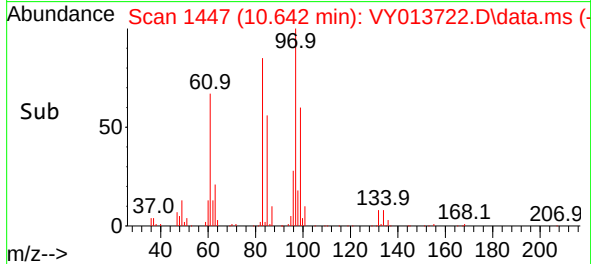
Instrument :
MSVOA_Y
ClientSampleId :
NB-08-051023



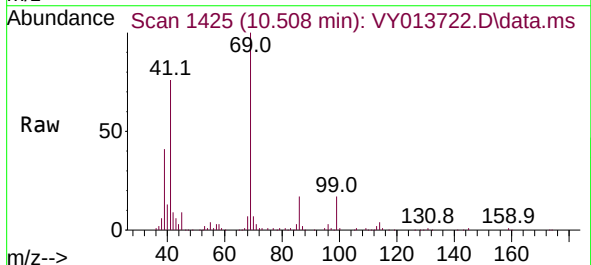
Tgt Ion	Ratio	Lower	Upper
97	100		
83	85.1	66.4	99.6
85	57.2	45.6	68.4
99	60.5	48.6	72.8

Manual Integrations
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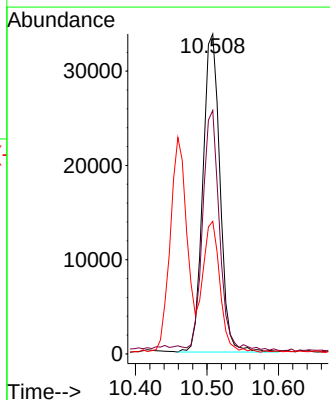
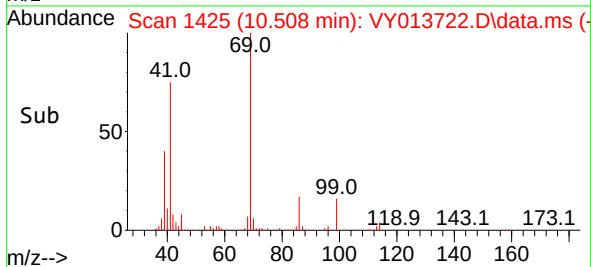
Reviewed By :John Carlone 05/12/2023
Supervised By :Mahesh Dadoda 05/17/2023

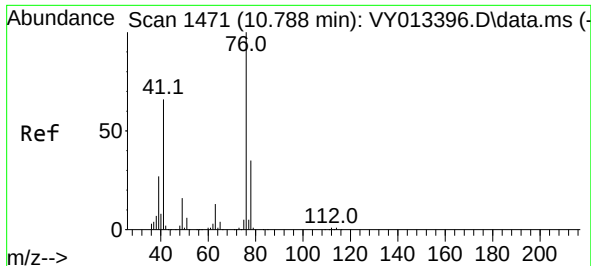


#56
Ethyl methacrylate
Concen: 26.121 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY013722.D
Acq: 11 May 2023 17:45



Tgt Ion	Ratio	Lower	Upper
69	100		
41	75.2	51.4	77.0
39	41.2	29.0	43.6





#57

1,3-Dichloropropane

Concen: 27.065 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY013722.D

Acq: 11 May 2023 17:45

Instrument :

MSVOA_Y

ClientSampleId :

NB-08-051023

Tgt Ion: 76 Resp: 7083

Ion Ratio Lower Upper

76 100

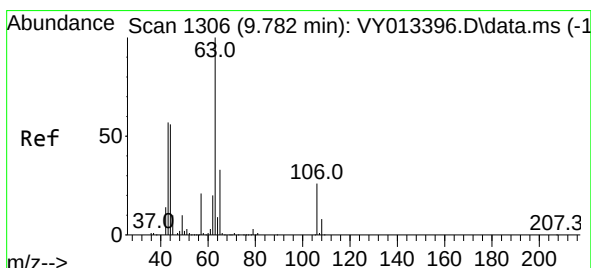
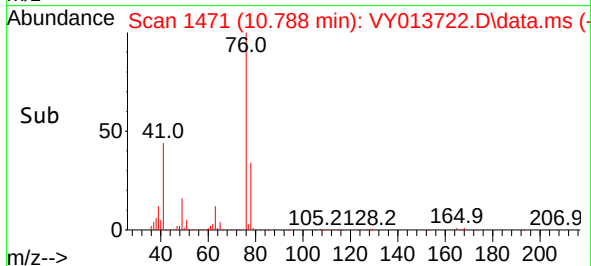
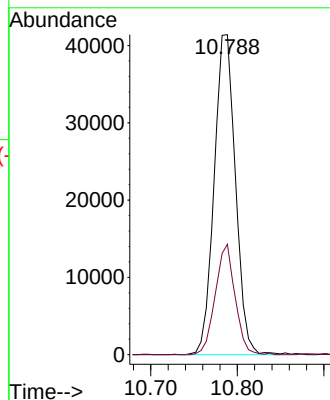
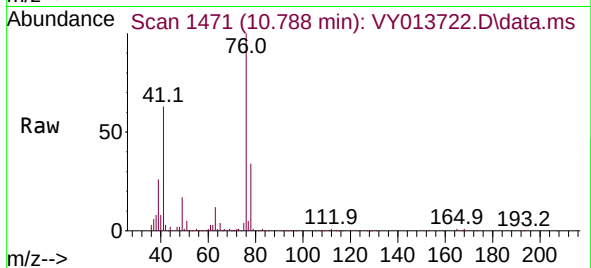
78 32.0 26.5 39.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/12/2023

Supervised By :Mahesh Dadoda 05/17/2023



#58

2-Chloroethyl Vinyl ether

Concen: 133.659 ug/l

RT: 9.776 min Scan# 1305

Delta R.T. -0.006 min

Lab File: VY013722.D

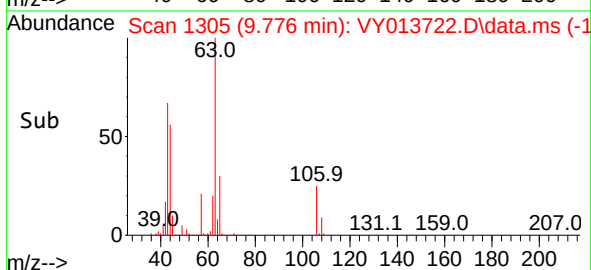
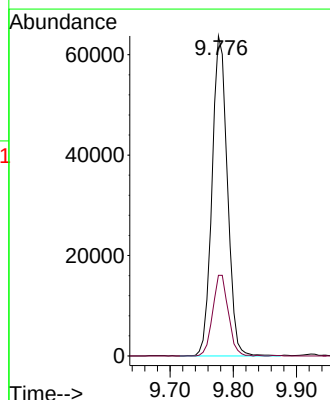
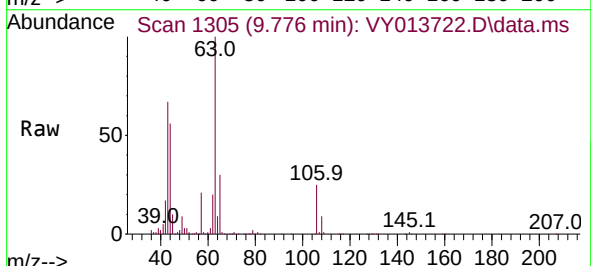
Acq: 11 May 2023 17:45

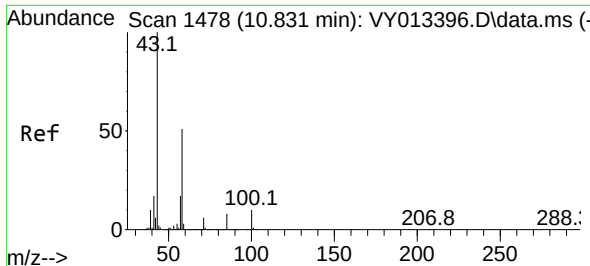
Tgt Ion: 63 Resp: 107450

Ion Ratio Lower Upper

63 100

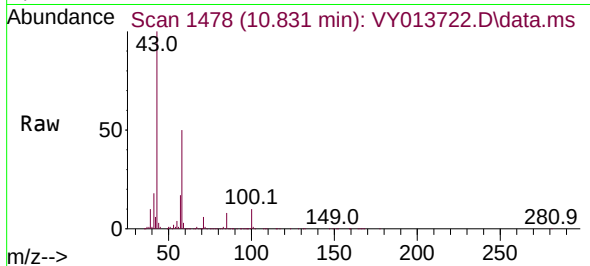
106 25.6 23.5 35.3





#59
2-Hexanone
Concen: 131.794 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY013722.D
Acq: 11 May 2023 17:45

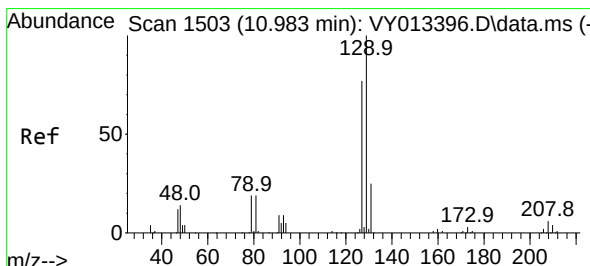
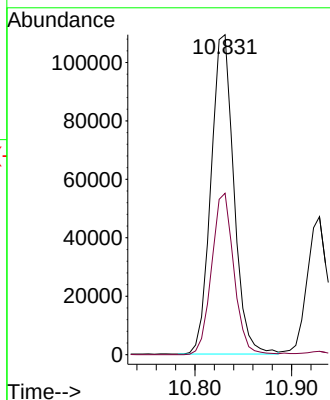
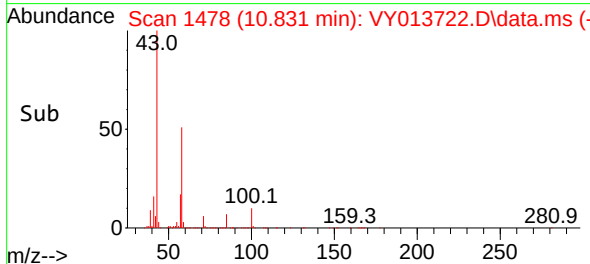
Instrument :
MSVOA_Y
ClientSampleId :
NB-08-051023



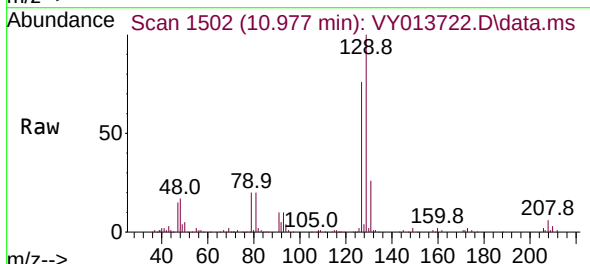
Tgt Ion: 43 Resp: 17955
Ion Ratio Lower Upper
43 100
58 49.1 26.3 78.8

Manual Integrations
APPROVED

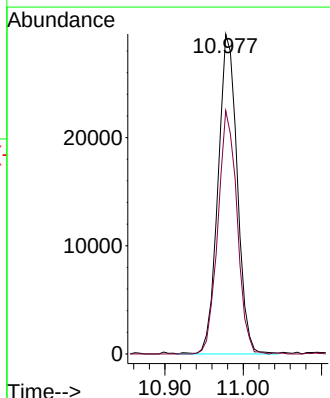
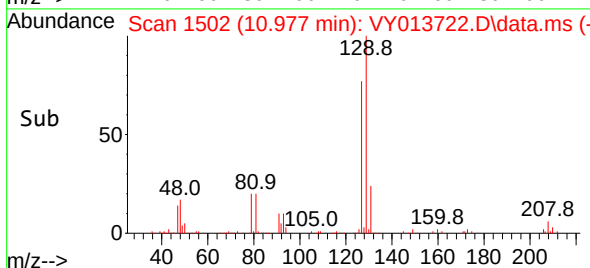
Reviewed By :John Carlone 05/12/2023
Supervised By :Mahesh Dadoda 05/17/2023

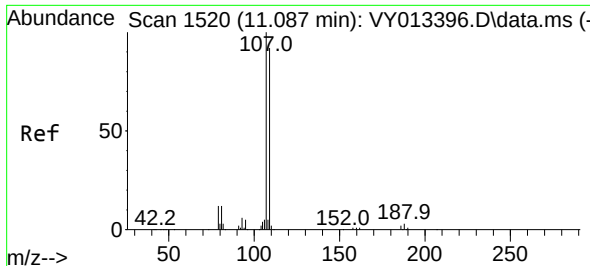


#60
Dibromochloromethane
Concen: 26.883 ug/l
RT: 10.977 min Scan# 1502
Delta R.T. -0.006 min
Lab File: VY013722.D
Acq: 11 May 2023 17:45



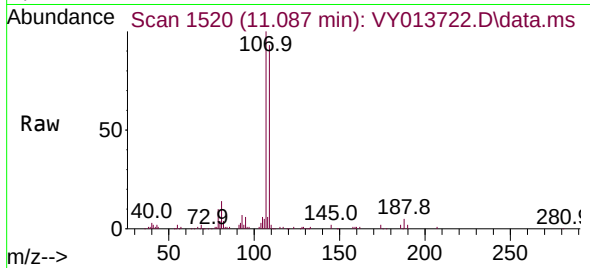
Tgt Ion:129 Resp: 50441
Ion Ratio Lower Upper
129 100
127 75.7 38.7 116.1





#61
1,2-Dibromoethane
Concen: 25.996 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY013722.D
Acq: 11 May 2023 17:45

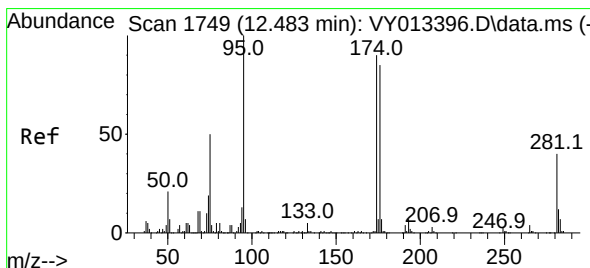
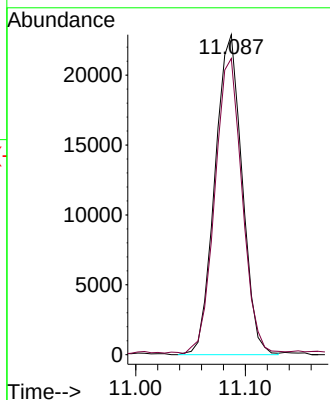
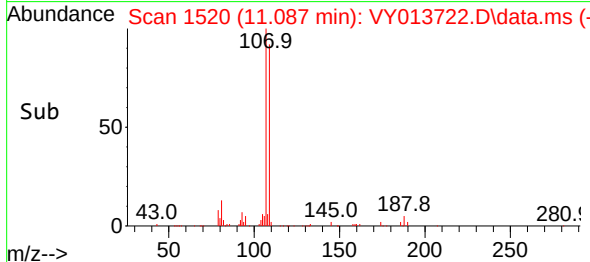
Instrument :
MSVOA_Y
ClientSampleId :
NB-08-051023



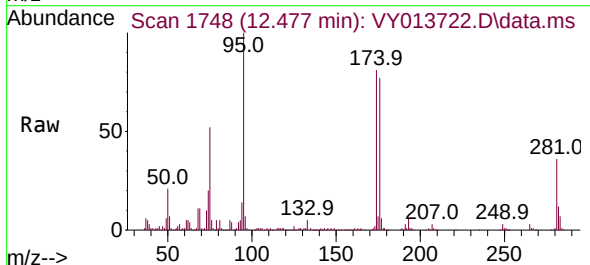
Tgt Ion:107 Resp: 3949
Ion Ratio Lower Upper
107 100
109 91.4 75.6 113.4

Manual Integrations
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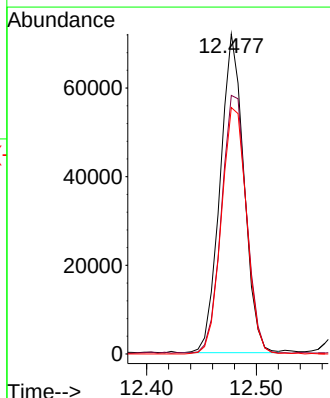
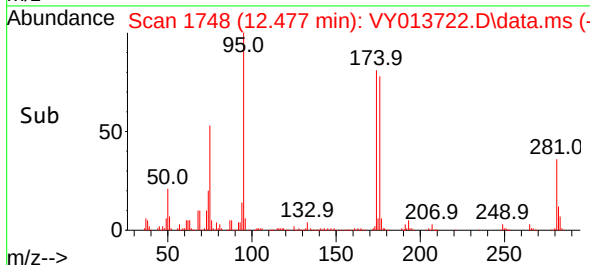
Reviewed By :John Carlone 05/12/2023
Supervised By :Mahesh Dadoda 05/17/2023

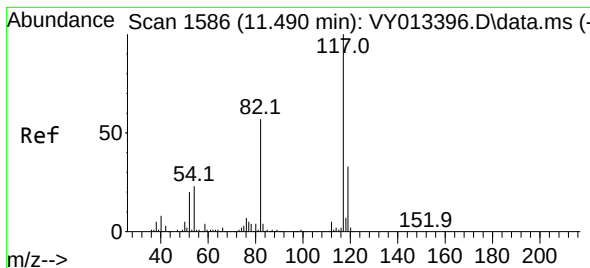


#62
4-Bromofluorobenzene
Concen: 56.683 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY013722.D
Acq: 11 May 2023 17:45



Tgt Ion: 95 Resp: 108458
Ion Ratio Lower Upper
95 100
174 85.0 0.0 182.0
176 82.2 0.0 175.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.001 min

Lab File: VY013722.D

Acq: 11 May 2023 17:45

Instrument :

MSVOA_Y

ClientSampleId :

NB-08-051023

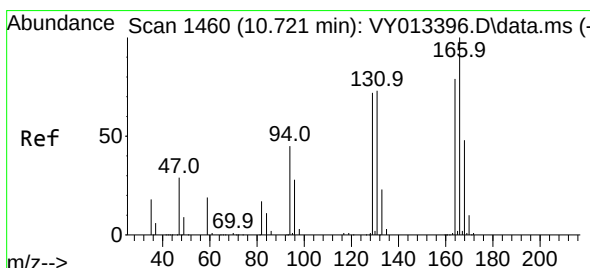
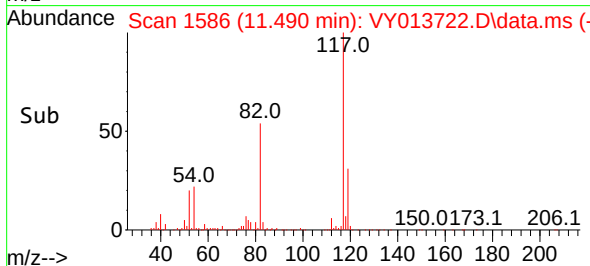
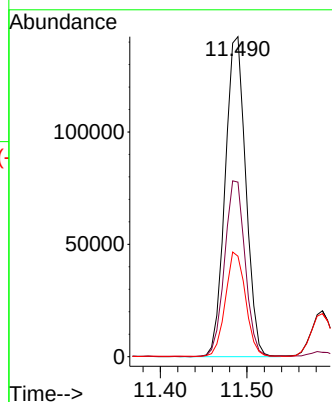
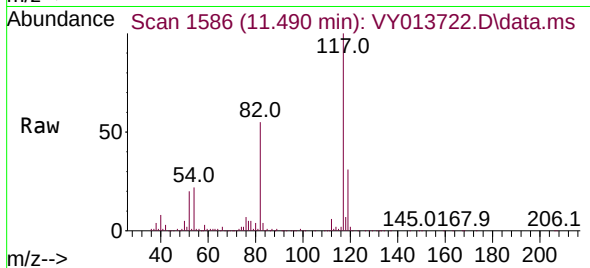
Tgt Ion:	117	Resp:	23586
Ion Ratio	Lower	Upper	
117	100		
82	54.4	43.0	64.6
119	31.2	25.5	38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/12/2023

Supervised By :Mahesh Dadoda 05/17/2023



#64

Tetrachloroethene

Concen: 23.876 ug/l

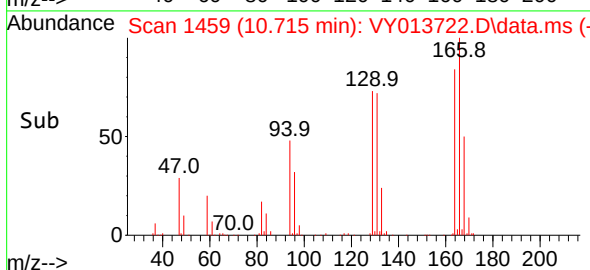
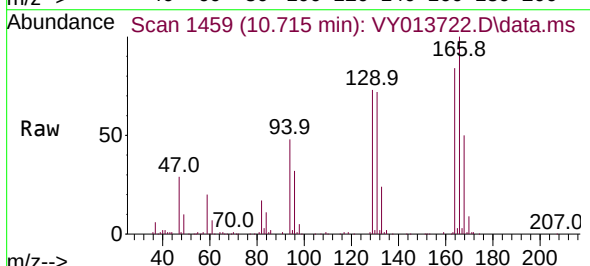
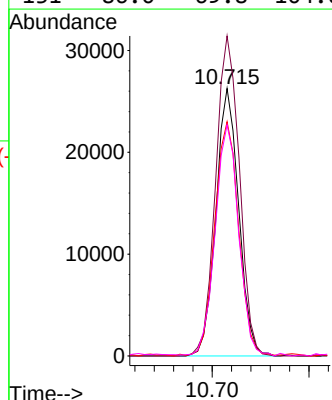
RT: 10.715 min Scan# 1459

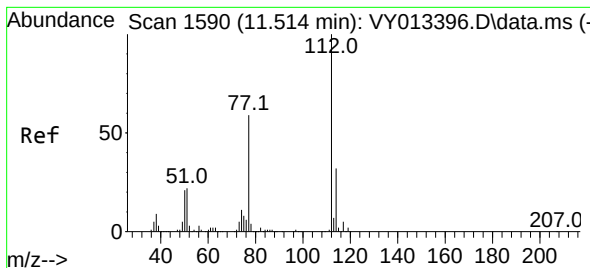
Delta R.T. 0.000 min

Lab File: VY013722.D

Acq: 11 May 2023 17:45

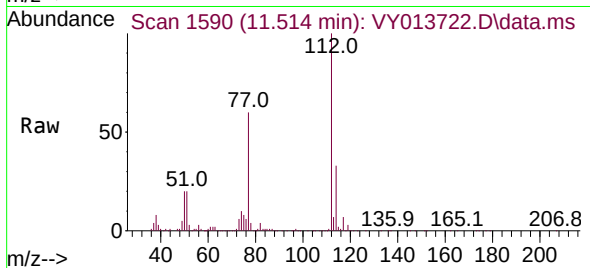
Tgt Ion:	164	Resp:	42822
Ion Ratio	Lower	Upper	
164	100		
166	119.6	97.5	146.3
129	87.3	72.6	109.0
131	86.0	69.8	104.6





#65
Chlorobenzene
Concen: 24.386 ug/l
RT: 11.514 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VY013722.D
Acq: 11 May 2023 17:45

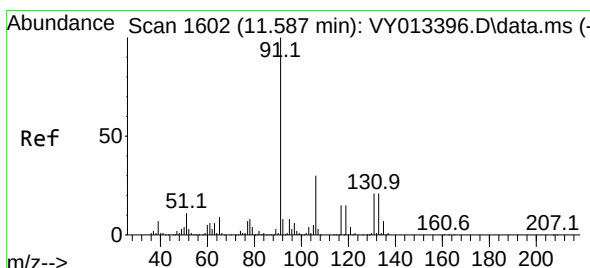
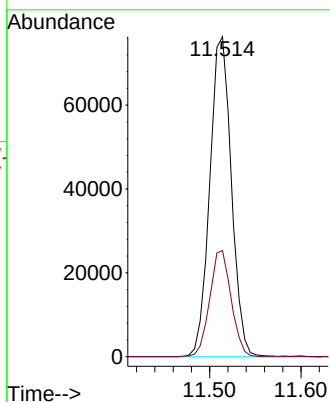
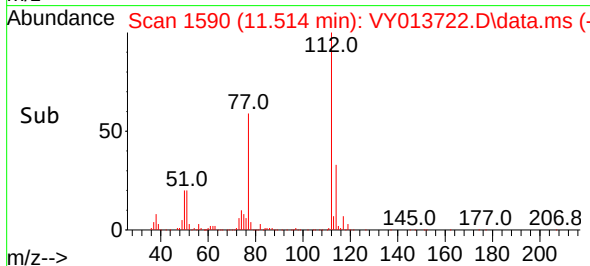
Instrument :
MSVOA_Y
ClientSampleId :
NB-08-051023



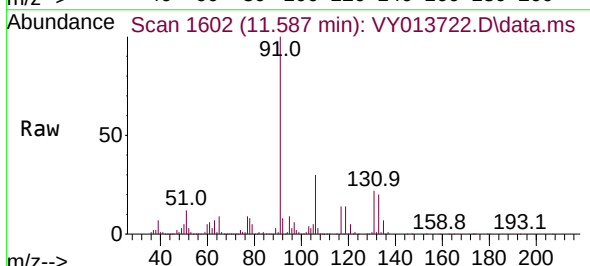
Tgt Ion:112 Resp: 12529
Ion Ratio Lower Upper
112 100
114 33.2 24.9 37.3

Manual Integrations
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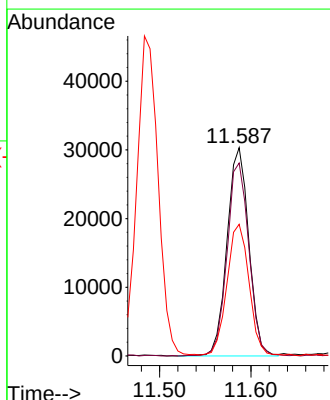
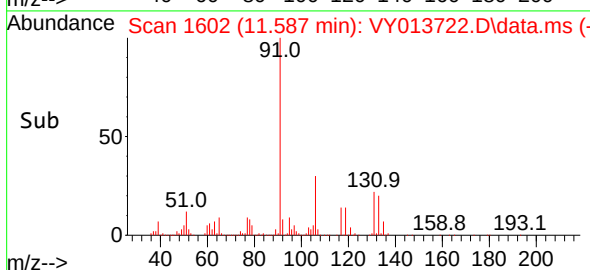
Reviewed By :John Carlone 05/12/2023
Supervised By :Mahesh Dadoda 05/17/2023

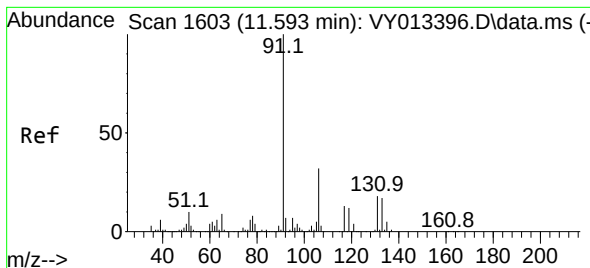


#66
1,1,1,2-Tetrachloroethane
Concen: 26.059 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY013722.D
Acq: 11 May 2023 17:45



Tgt Ion:131 Resp: 50074
Ion Ratio Lower Upper
131 100
133 93.2 47.7 143.1
119 64.3 32.6 98.0





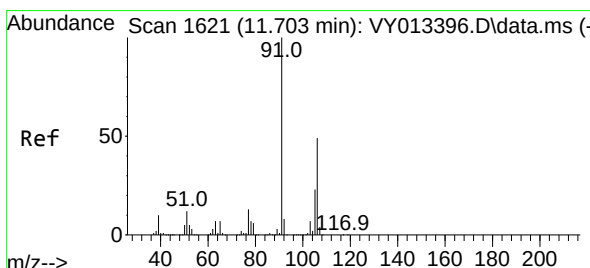
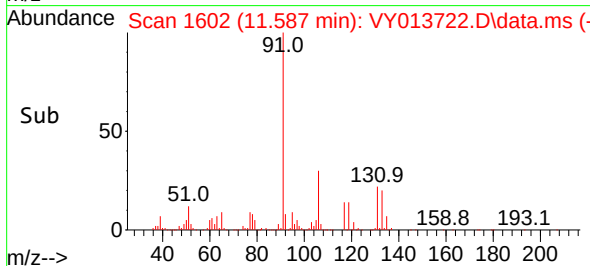
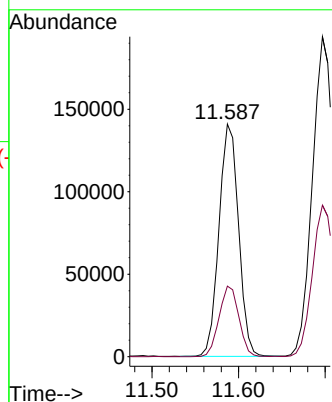
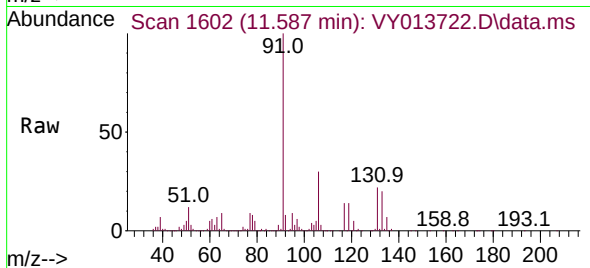
#67
Ethyl Benzene
Concen: 24.511 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.006 min
Lab File: VY013722.D
Acq: 11 May 2023 17:45

Instrument :
MSVOA_Y
ClientSampleId :
NB-08-051023

Tgt Ion: 91 Resp: 22114
Ion Ratio Lower Upper
91 100
106 30.4 25.1 37.7

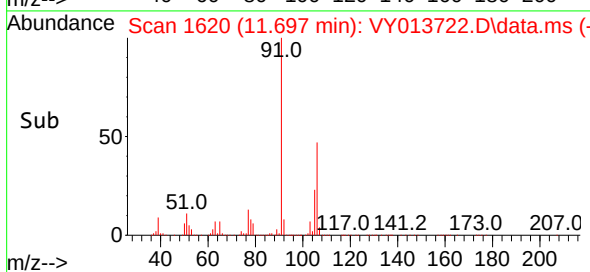
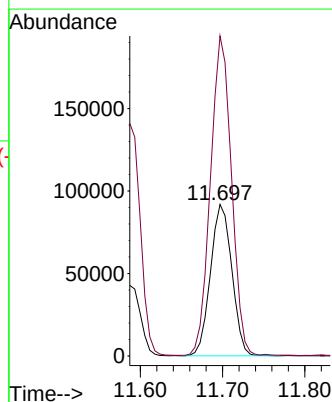
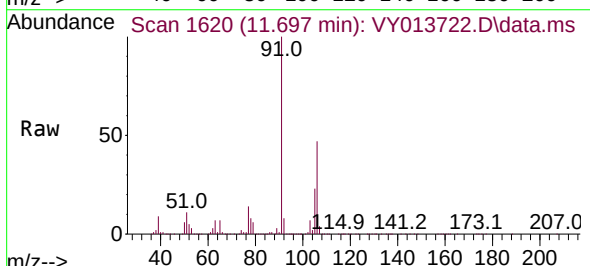
Manual Integrations
APPROVED

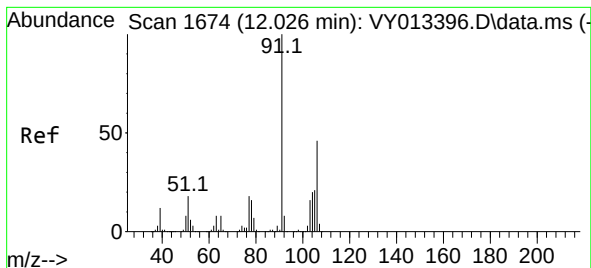
Reviewed By :John Carlone 05/12/2023
Supervised By :Mahesh Dadoda 05/17/2023



#68
m/p-Xylenes
Concen: 48.375 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. -0.006 min
Lab File: VY013722.D
Acq: 11 May 2023 17:45

Tgt Ion:106 Resp: 165921
Ion Ratio Lower Upper
106 100
91 208.2 160.9 241.3





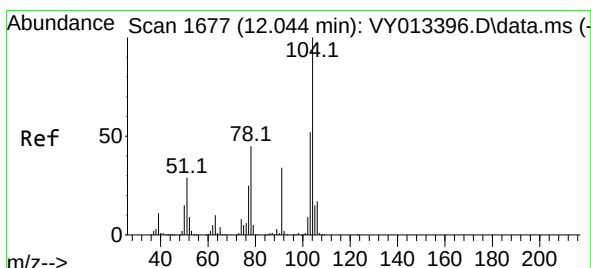
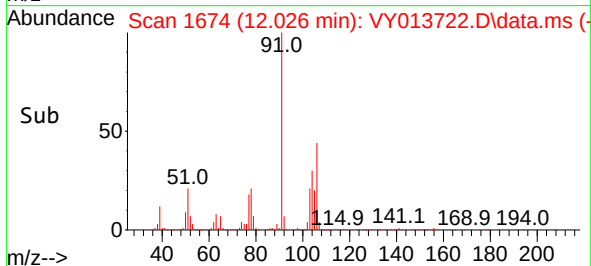
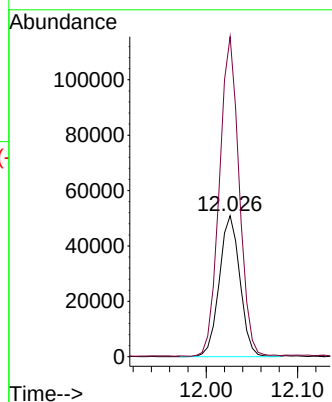
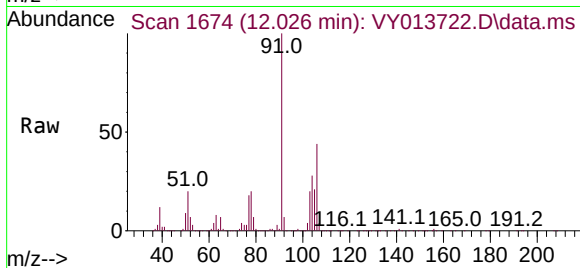
#69
o-Xylene
Concen: 24.616 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. 0.000 min
Lab File: VY013722.D
Acq: 11 May 2023 17:45

Instrument :
MSVOA_Y
ClientSampleId :
NB-08-051023

Tgt Ion:106 Resp: 79849
Ion Ratio Lower Upper
106 100
91 217.1 105.5 316.4

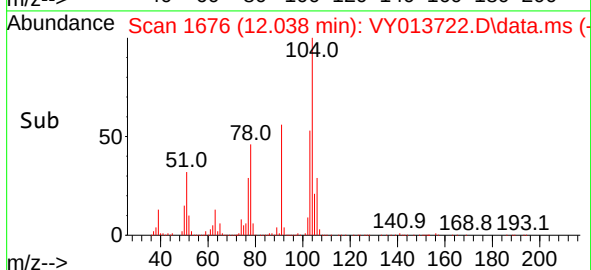
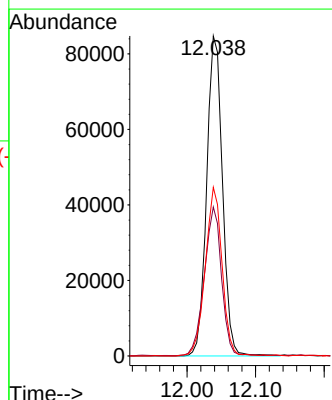
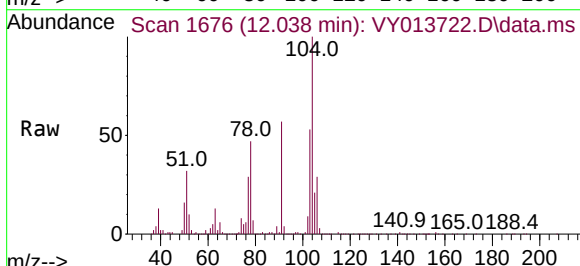
Manual Integrations
APPROVED

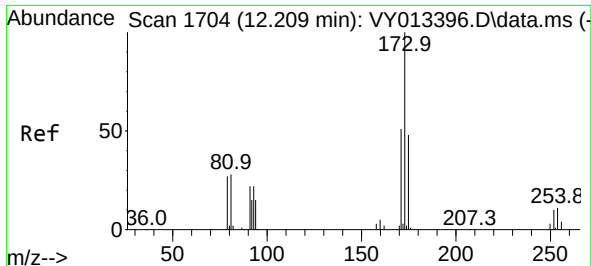
Reviewed By :John Carlone 05/12/2023
Supervised By :Mahesh Dadoda 05/17/2023



#70
Styrene
Concen: 25.113 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. -0.006 min
Lab File: VY013722.D
Acq: 11 May 2023 17:45

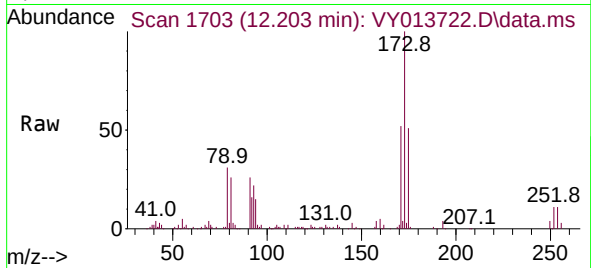
Tgt Ion:104 Resp: 136205
Ion Ratio Lower Upper
104 100
78 50.6 40.3 60.5
103 55.8 45.0 67.4





#71
Bromoform
Concen: 25.385 ug/l
RT: 12.203 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VY013722.D
Acq: 11 May 2023 17:45

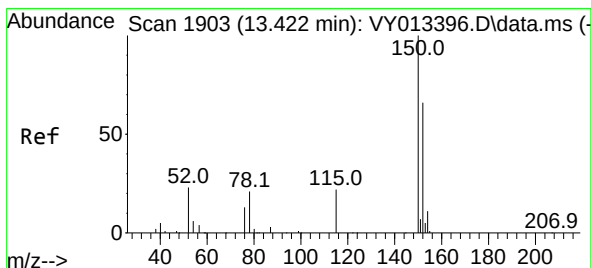
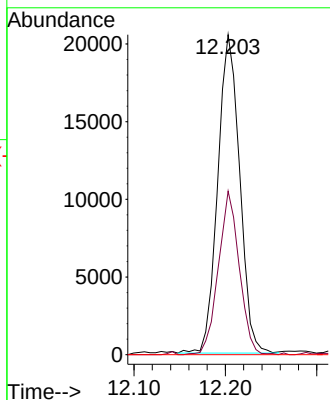
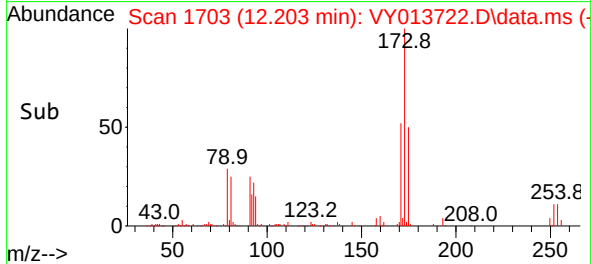
Instrument :
MSVOA_Y
ClientSampleId :
NB-08-051023



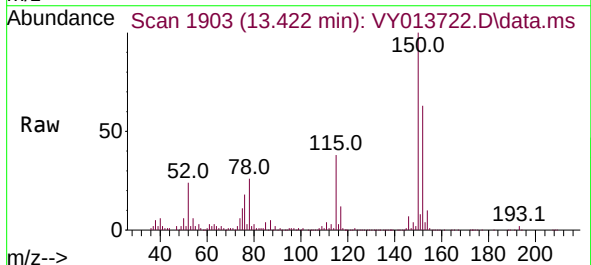
Tgt Ion:173 Resp: 3416
Ion Ratio Lower Upper
173 100
175 49.0 24.3 72.8
254 0.0 0.2 0.2

Manual Integrations
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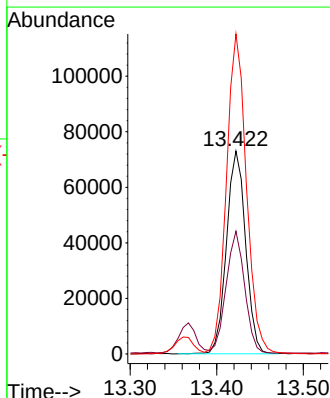
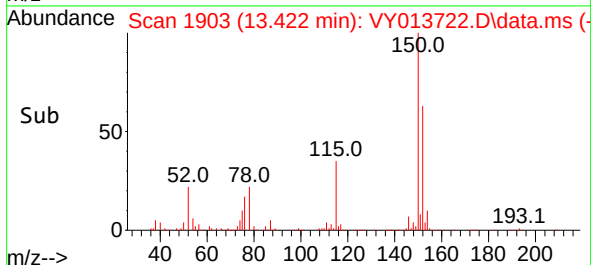
Reviewed By :John Carlone 05/12/2023
Supervised By :Mahesh Dadoda 05/17/2023

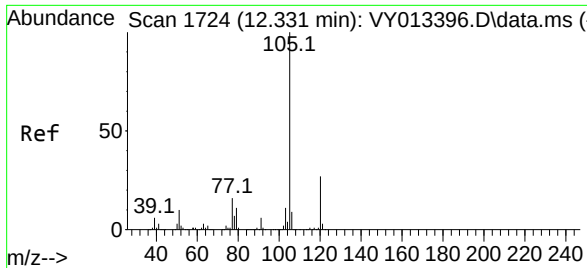


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY013722.D
Acq: 11 May 2023 17:45



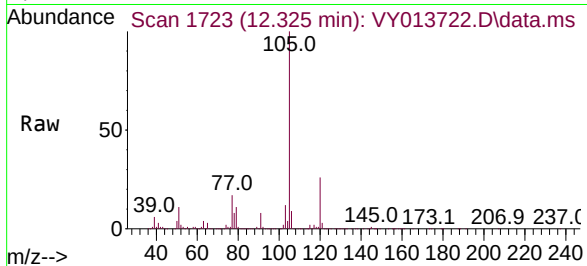
Tgt Ion:152 Resp: 112005
Ion Ratio Lower Upper
152 100
115 58.3 28.1 84.2
150 164.9 0.0 352.0





#73
Isopropylbenzene
Concen: 25.016 ug/l
RT: 12.325 min Scan# 1723
Delta R.T. -0.006 min
Lab File: VY013722.D
Acq: 11 May 2023 17:45

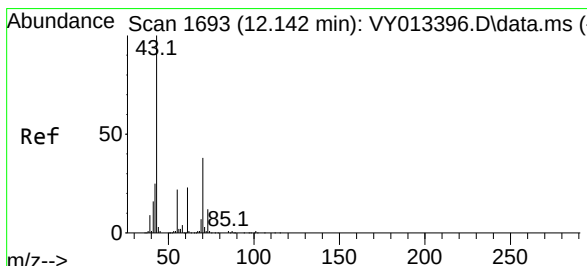
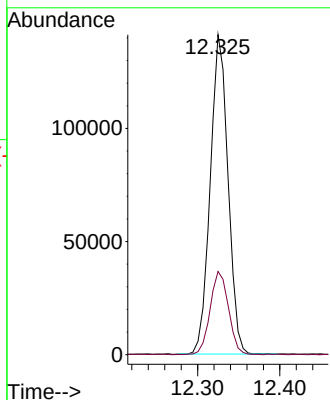
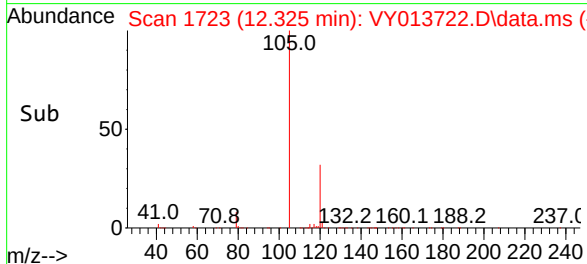
Instrument :
MSVOA_Y
ClientSampleId :
NB-08-051023



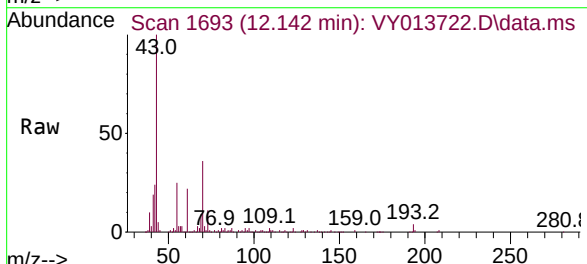
Tgt Ion:105 Resp: 211924
Ion Ratio Lower Upper
105 100
120 27.0 13.7 41.0

Manual Integrations
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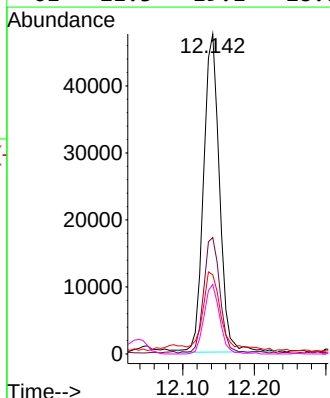
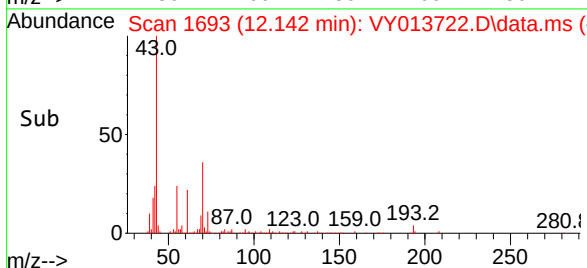
Reviewed By :John Carlone 05/12/2023
Supervised By :Mahesh Dadoda 05/17/2023

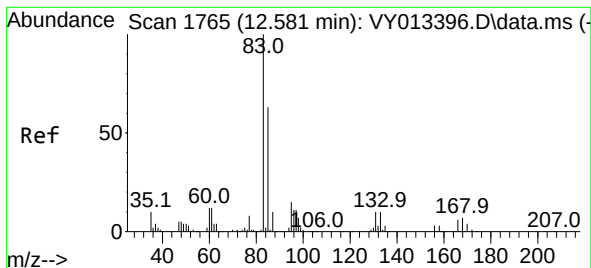


#74
N-amy1 acetate
Concen: 24.373 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY013722.D
Acq: 11 May 2023 17:45



Tgt Ion: 43 Resp: 73479
Ion Ratio Lower Upper
43 100
70 37.0 33.0 49.4
55 28.0 19.8 29.6
61 21.3 19.1 28.7





#75

1,1,2,2-Tetrachloroethane

Concen: 25.624 ug/l

RT: 12.575 min Scan# 1764

Delta R.T. -0.006 min

Lab File: VY013722.D

Acq: 11 May 2023 17:45

Instrument :

MSVOA_Y

ClientSampleId :

NB-08-051023

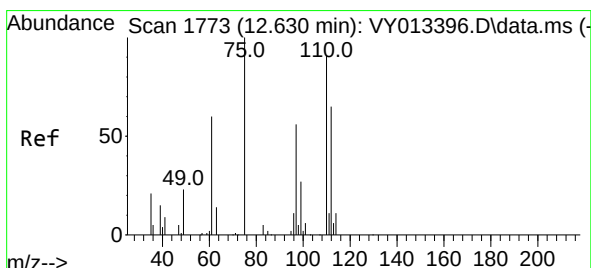
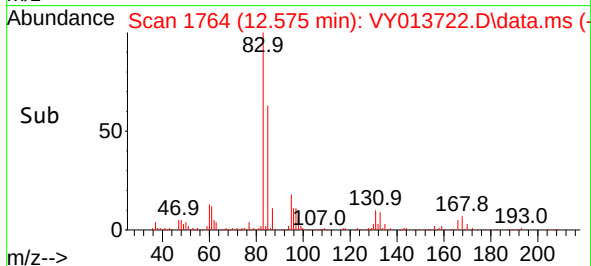
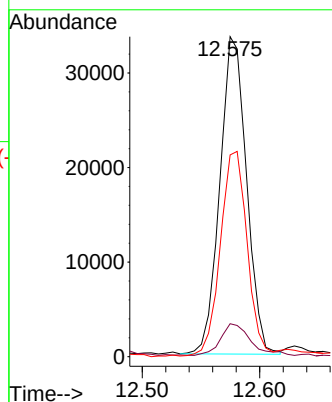
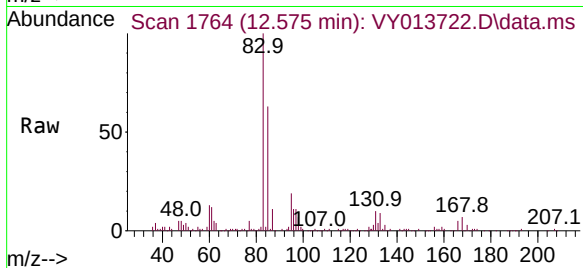
Tgt Ion: 83	Resp: 5305
Ion Ratio	Lower Upper
83 100	
131 11.1	5.7 17.0
85 64.7	31.8 95.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/12/2023

Supervised By :Mahesh Dadoda 05/17/2023



#76

1,2,3-Trichloropropane

Concen: 28.740 ug/l m

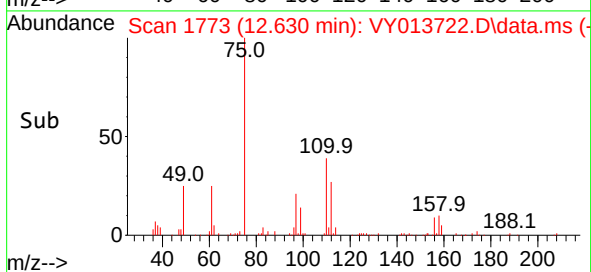
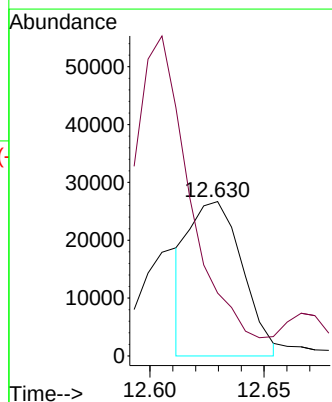
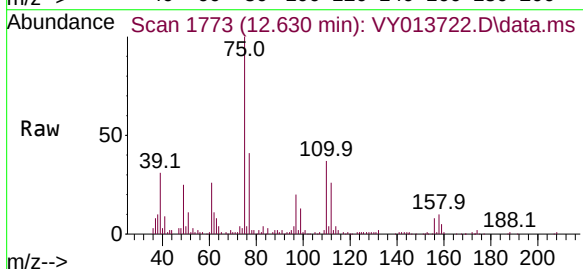
RT: 12.630 min Scan# 1773

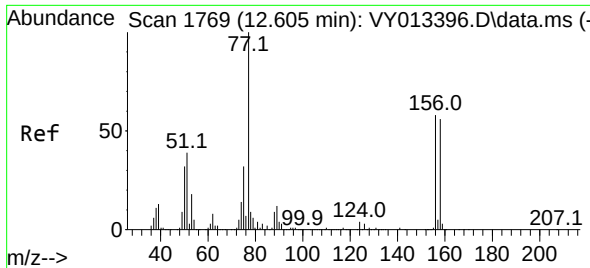
Delta R.T. 0.001 min

Lab File: VY013722.D

Acq: 11 May 2023 17:45

Tgt Ion: 75	Resp: 43413
Ion Ratio	Lower Upper
75 100	
77 0.0	0.0 0.0





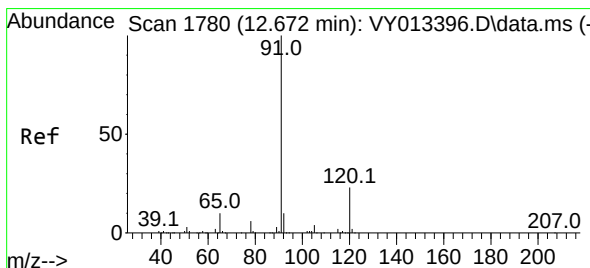
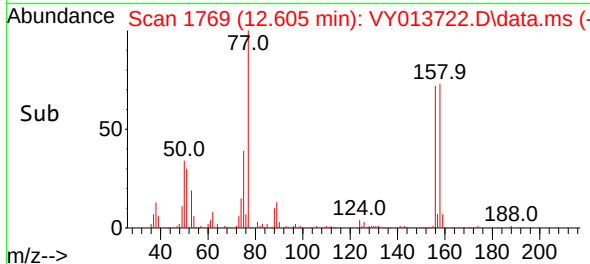
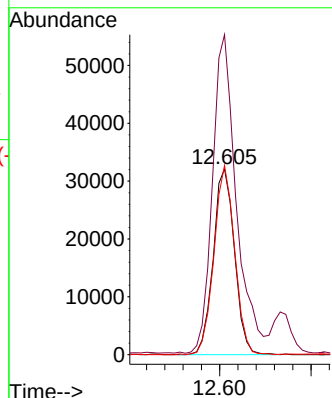
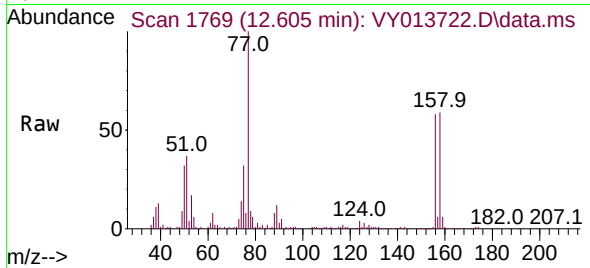
#77
Bromobenzene
Concen: 25.220 ug/l
RT: 12.605 min Scan# 1770
Delta R.T. -0.006 min
Lab File: VY013722.D
Acq: 11 May 2023 17:45

Instrument :
MSVOA_Y
ClientSampleId :
NB-08-051023

Tgt Ion:156 Resp: 51770
Ion Ratio Lower Upper
156 100
77 191.0 87.6 262.9
158 99.2 48.5 145.5

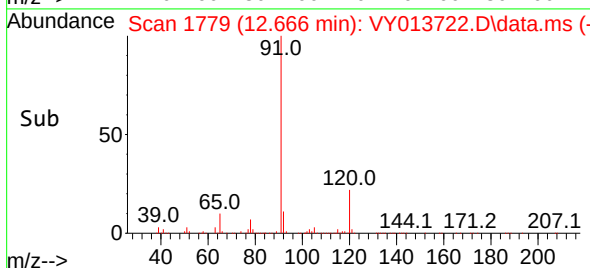
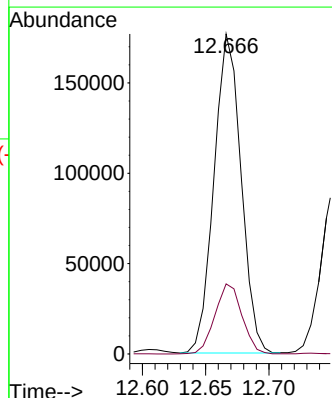
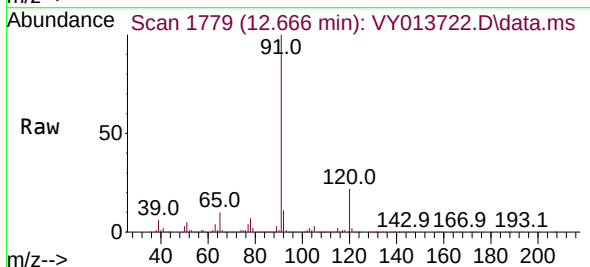
Manual Integrations
APPROVED

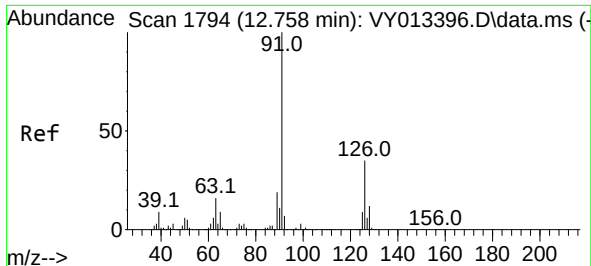
Reviewed By :John Carlone 05/12/2023
Supervised By :Mahesh Dadoda 05/17/2023



#78
n-propylbenzene
Concen: 25.151 ug/l
RT: 12.666 min Scan# 1779
Delta R.T. -0.006 min
Lab File: VY013722.D
Acq: 11 May 2023 17:45

Tgt Ion: 91 Resp: 262444
Ion Ratio Lower Upper
91 100
120 22.0 11.9 35.9





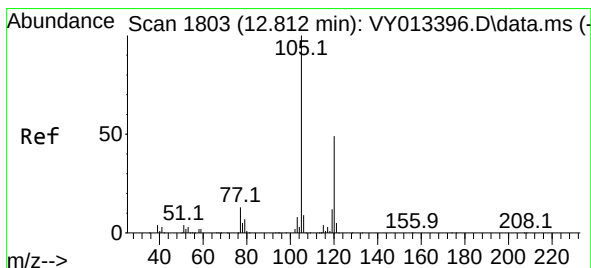
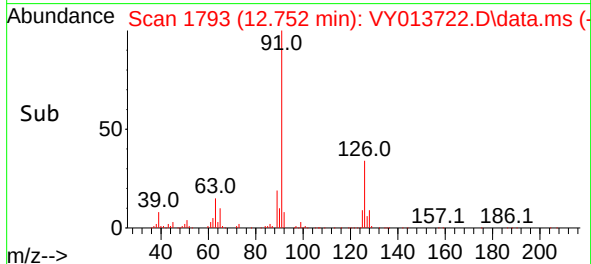
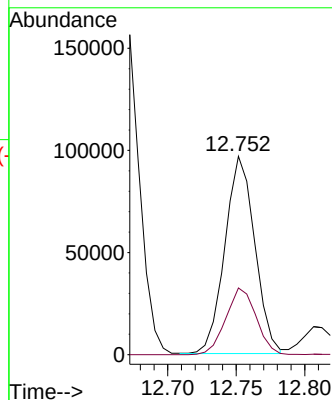
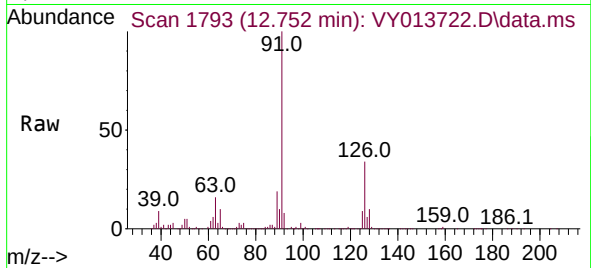
#79
2-Chlorotoluene
Concen: 25.189 ug/l
RT: 12.752 min Scan# 1793
Delta R.T. -0.005 min
Lab File: VY013722.D
Acq: 11 May 2023 17:45

Instrument :
MSVOA_Y
ClientSampleId :
NB-08-051023

Tgt Ion: 91 Resp: 146777
Ion Ratio Lower Upper
91 100
126 34.3 17.8 53.4

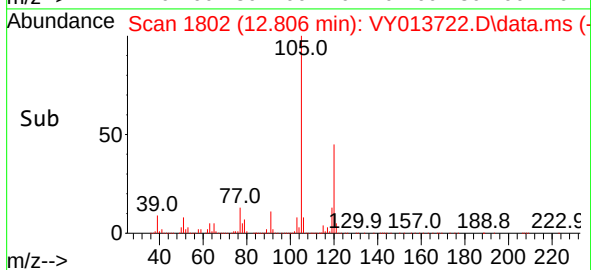
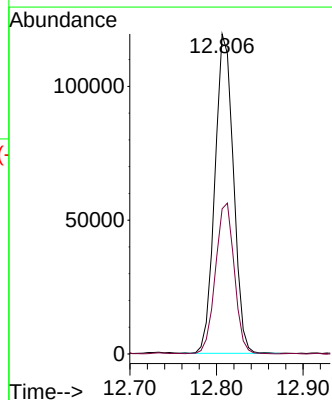
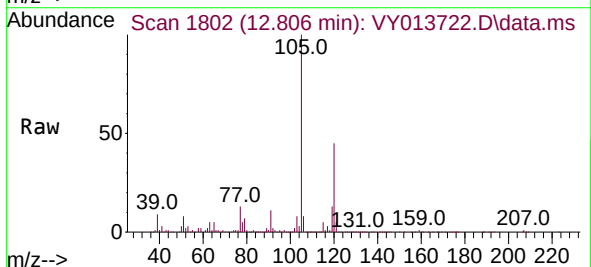
Manual Integrations
APPROVED

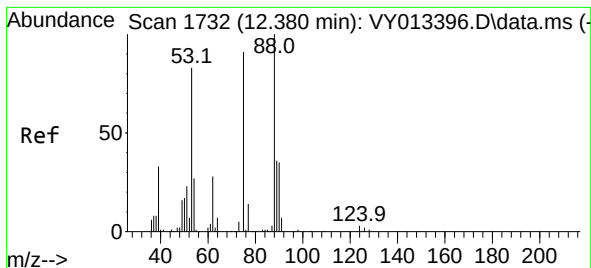
Reviewed By :John Carlone 05/12/2023
Supervised By :Mahesh Dadoda 05/17/2023



#80
1,3,5-Trimethylbenzene
Concen: 25.649 ug/l
RT: 12.806 min Scan# 1802
Delta R.T. -0.006 min
Lab File: VY013722.D
Acq: 11 May 2023 17:45

Tgt Ion:105 Resp: 177353
Ion Ratio Lower Upper
105 100
120 47.9 24.7 74.1





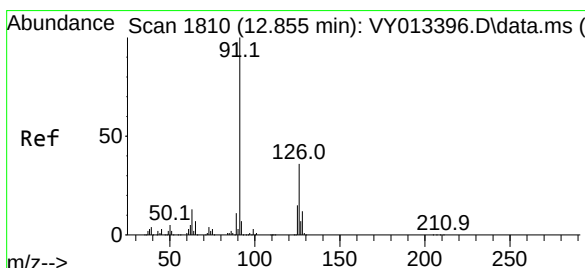
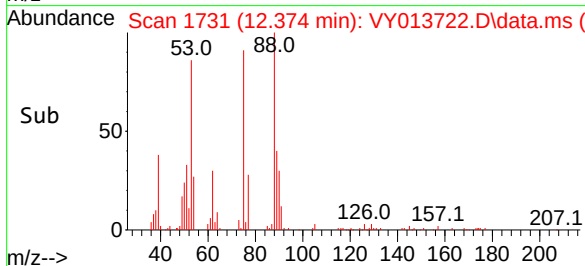
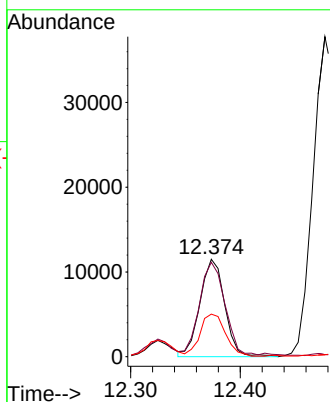
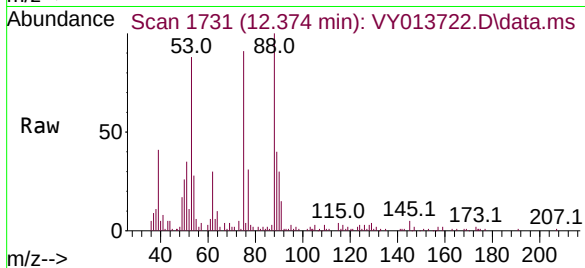
#81
trans-1,4-Dichloro-2-butene
Concen: 24.350 ug/l
RT: 12.374 min Scan# 1731
Delta R.T. -0.005 min
Lab File: VY013722.D
Acq: 11 May 2023 17:45

Instrument :
MSVOA_Y
ClientSampleId :
NB-08-051023

Tgt Ion: 75 Resp: 1798
Ion Ratio Lower Upper
75 100
53 97.6 73.2 109.8
89 44.5 38.0 57.0

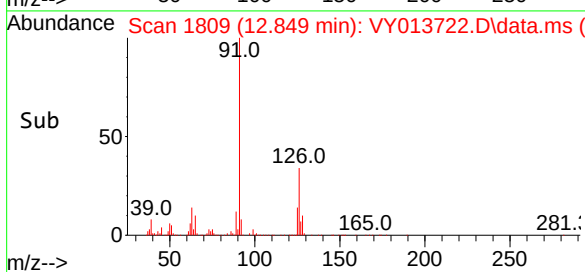
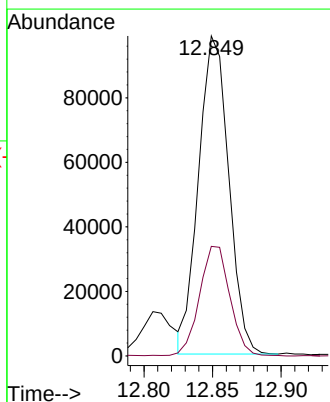
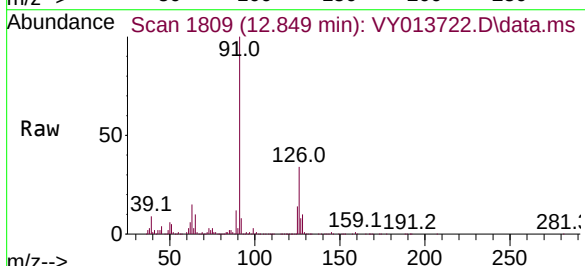
Manual Integrations
APPROVED

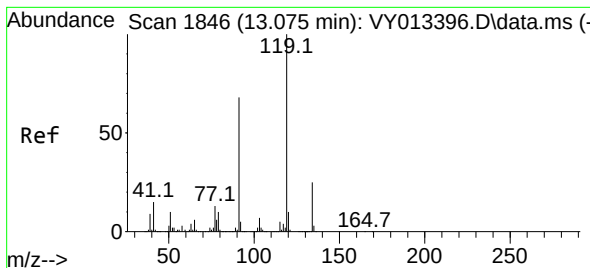
Reviewed By :John Carlone 05/12/2023
Supervised By :Mahesh Dadoda 05/17/2023



#82
4-Chlorotoluene
Concen: 24.863 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. -0.006 min
Lab File: VY013722.D
Acq: 11 May 2023 17:45

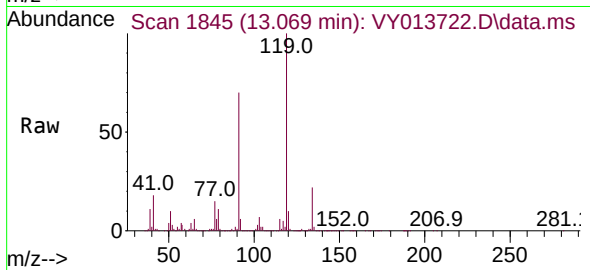
Tgt Ion: 91 Resp: 151003
Ion Ratio Lower Upper
91 100
126 34.9 17.9 53.8





#83
tert-Butylbenzene
Concen: 25.371 ug/l
RT: 13.069 min Scan# 1845
Delta R.T. -0.005 min
Lab File: VY013722.D
Acq: 11 May 2023 17:45

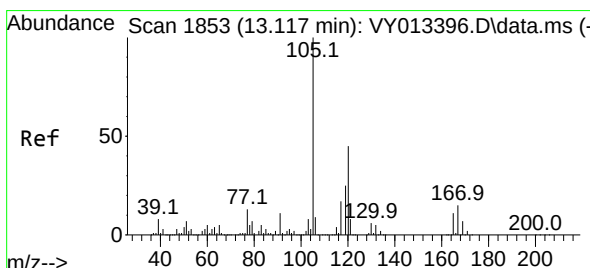
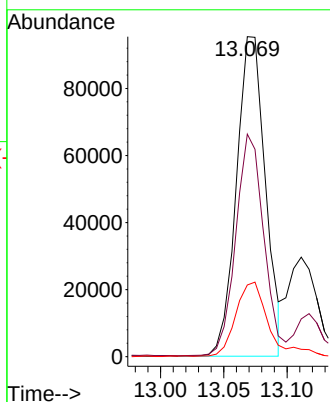
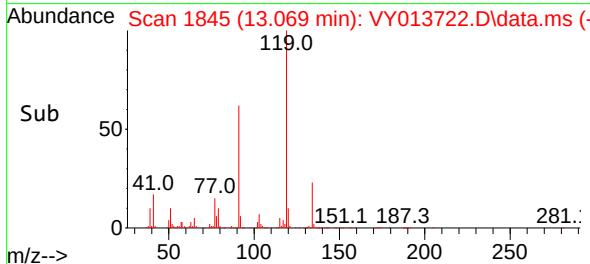
Instrument :
MSVOA_Y
ClientSampleId :
NB-08-051023



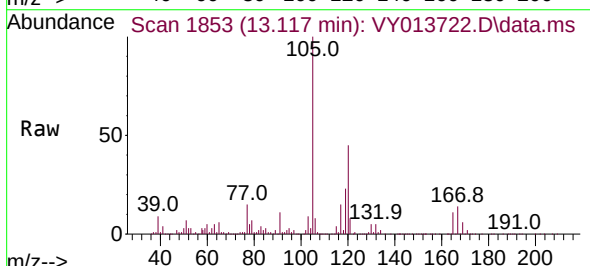
Tgt Ion:119 Resp: 151988
Ion Ratio Lower Upper
119 100
91 67.2 32.2 96.6
134 26.3 13.0 38.9

Manual Integrations
APPROVED

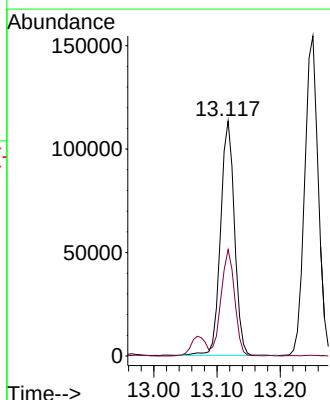
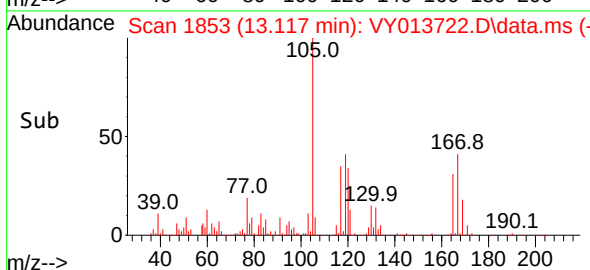
Reviewed By :John Carlone 05/12/2023
Supervised By :Mahesh Dadoda 05/17/2023

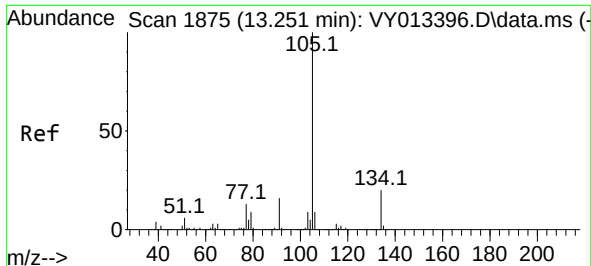


#84
1,2,4-Trimethylbenzene
Concen: 25.631 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY013722.D
Acq: 11 May 2023 17:45



Tgt Ion:105 Resp: 172307
Ion Ratio Lower Upper
105 100
120 44.3 22.3 66.9





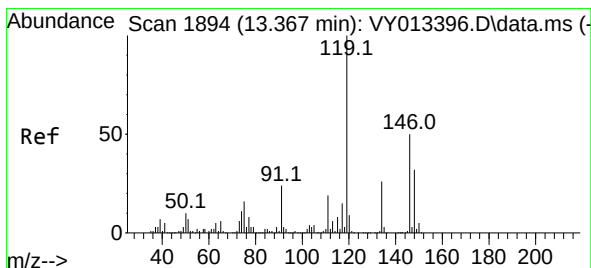
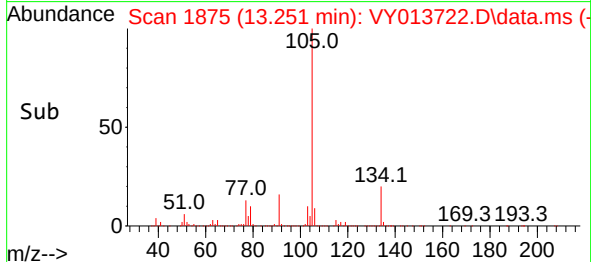
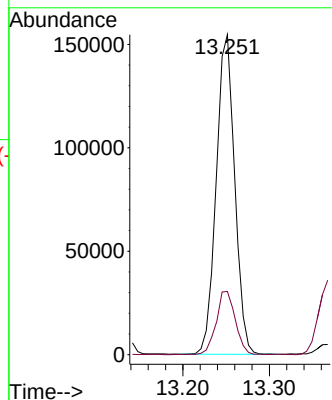
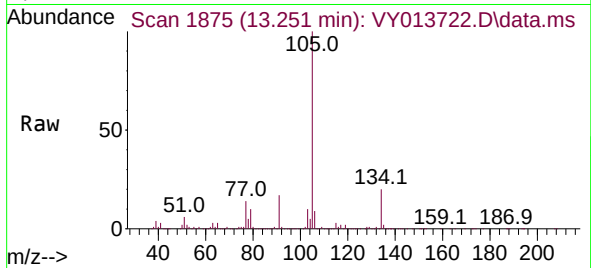
#85
 sec-Butylbenzene
 Concen: 25.465 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. 0.000 min
 Lab File: VY013722.D
 Acq: 11 May 2023 17:45

Instrument :
 MSVOA_Y
 ClientSampleId :
 NB-08-051023

Tgt Ion:105 Resp: 22894
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.3 30.9

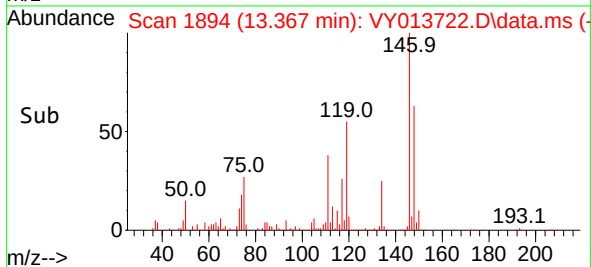
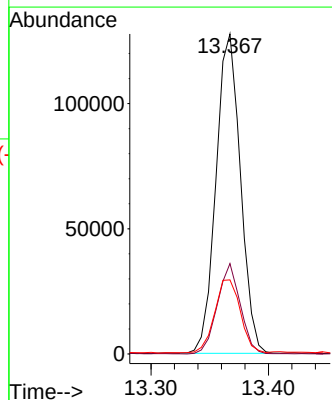
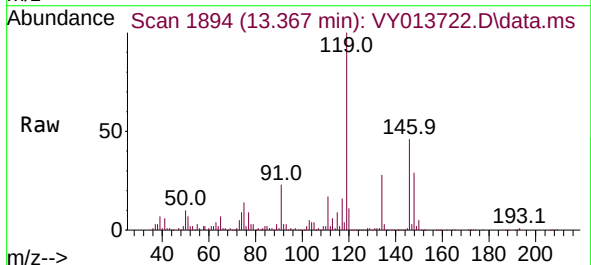
Manual Integrations
 APPROVED

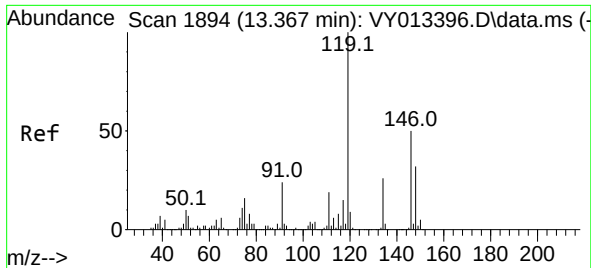
Reviewed By :John Carlone 05/12/2023
 Supervised By :Mahesh Dadoda 05/17/2023



#86
 p-Isopropyltoluene
 Concen: 25.519 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY013722.D
 Acq: 11 May 2023 17:45

Tgt Ion:119 Resp: 184502
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.4 40.2
 91 24.0 12.1 36.3





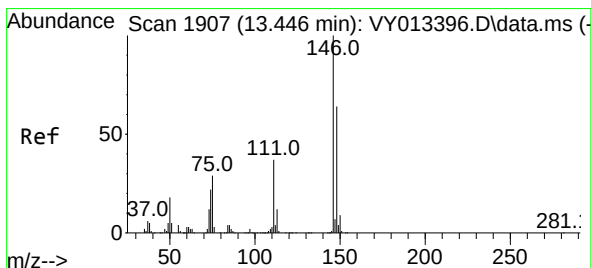
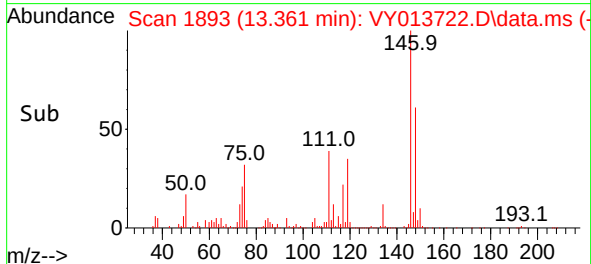
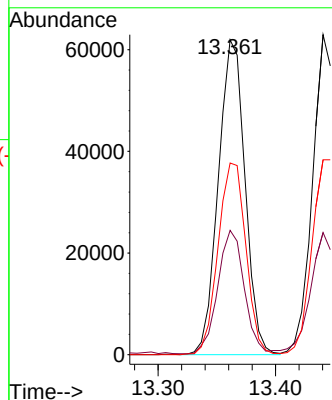
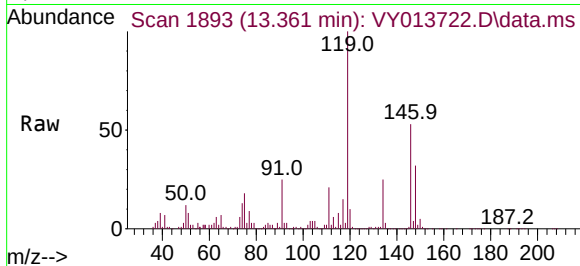
#87
1,3-Dichlorobenzene
Concen: 25.023 ug/l
RT: 13.361 min Scan# 1893
Delta R.T. -0.006 min
Lab File: VY013722.D
Acq: 11 May 2023 17:45

Instrument :
MSVOA_Y
ClientSampleId :
NB-08-051023

Tgt Ion:146 Resp: 9786
Ion Ratio Lower Upper
146 100
111 38.9 19.3 57.9
148 63.4 31.9 95.7

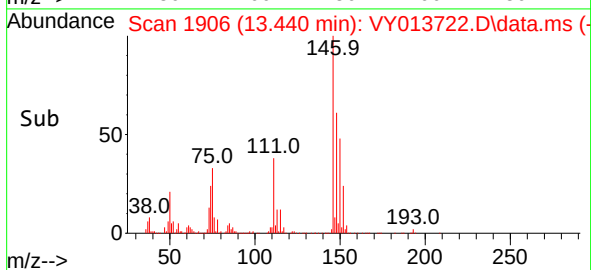
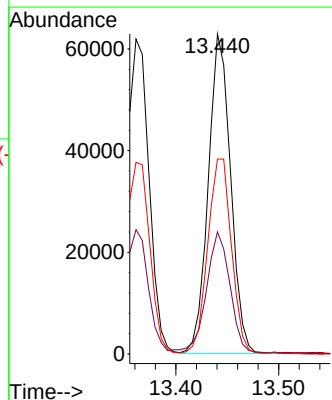
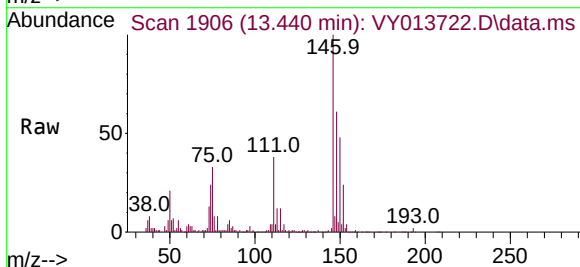
Manual Integrations
APPROVED

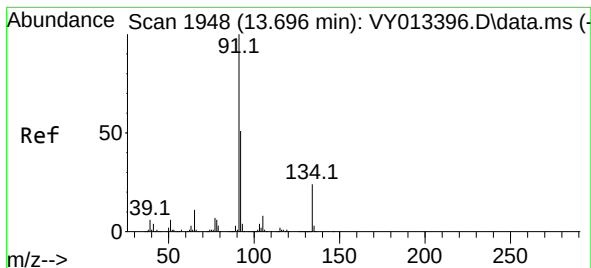
Reviewed By :John Carlone 05/12/2023
Supervised By :Mahesh Dadoda 05/17/2023



#88
1,4-Dichlorobenzene
Concen: 24.061 ug/l
RT: 13.440 min Scan# 1906
Delta R.T. -0.006 min
Lab File: VY013722.D
Acq: 11 May 2023 17:45

Tgt Ion:146 Resp: 95051
Ion Ratio Lower Upper
146 100
111 39.5 18.9 56.5
148 65.3 31.9 95.5





#89

n-Butylbenzene

Concen: 25.093 ug/l

RT: 13.690 min Scan# 1948

Delta R.T. -0.006 min

Lab File: VY013722.D

Acq: 11 May 2023 17:45

Instrument :

MSVOA_Y

ClientSampleId :

NB-08-051023

Tgt Ion: 91 Resp: 177070

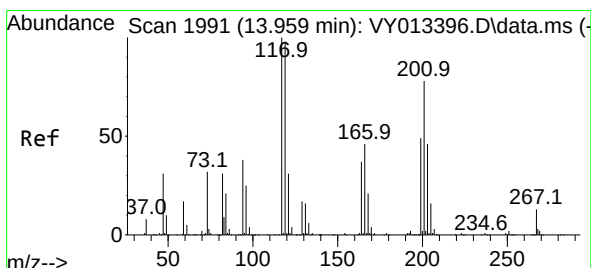
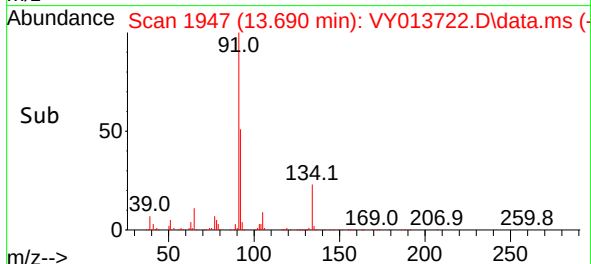
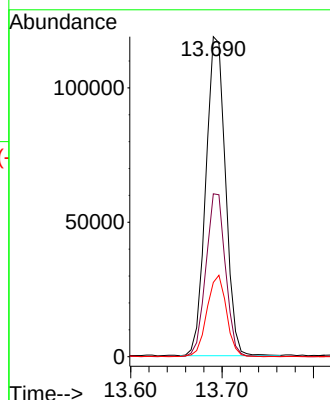
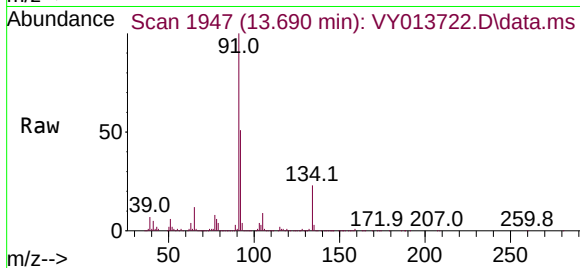
Ion	Ratio	Lower	Upper
91	100		
92	50.9	25.8	77.3
134	25.5	13.5	40.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/12/2023

Supervised By :Mahesh Dadoda 05/17/2023



#90

Hexachloroethane

Concen: 24.472 ug/l

RT: 13.959 min Scan# 1991

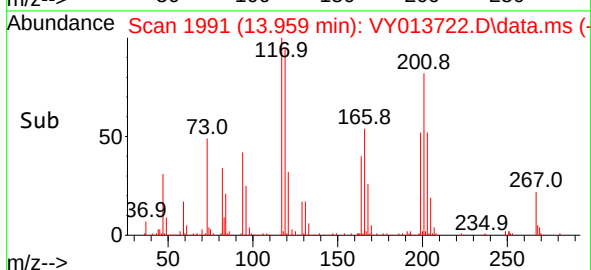
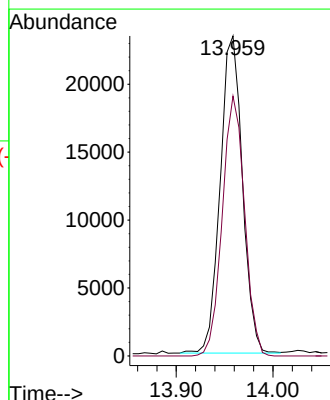
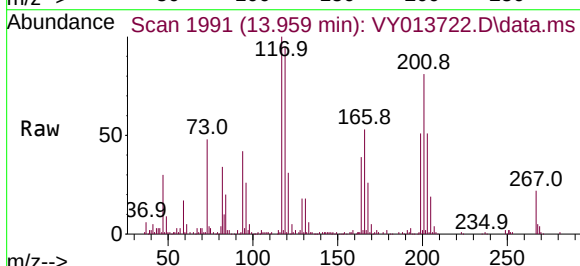
Delta R.T. 0.001 min

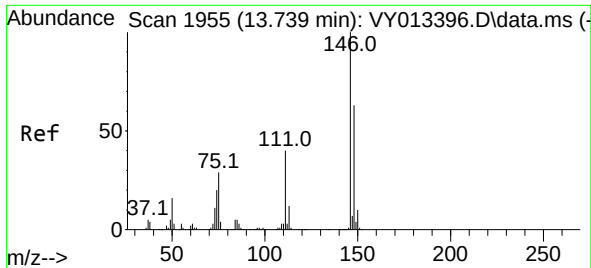
Lab File: VY013722.D

Acq: 11 May 2023 17:45

Tgt Ion:117 Resp: 37238

Ion	Ratio	Lower	Upper
117	100		
201	82.0	41.6	124.8





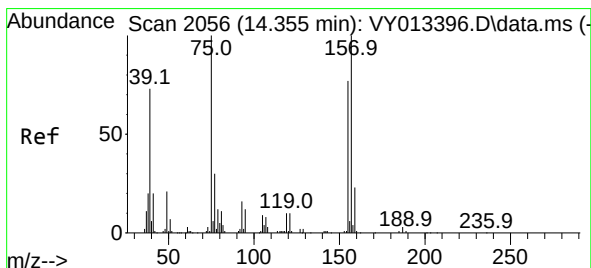
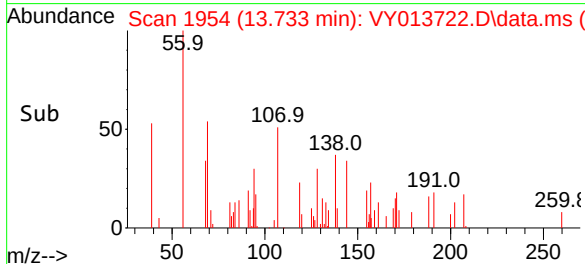
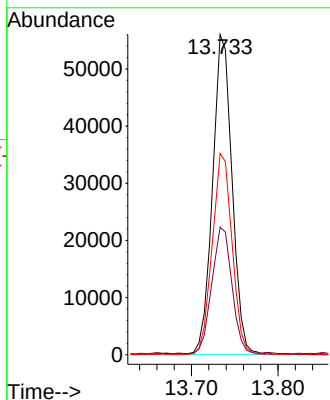
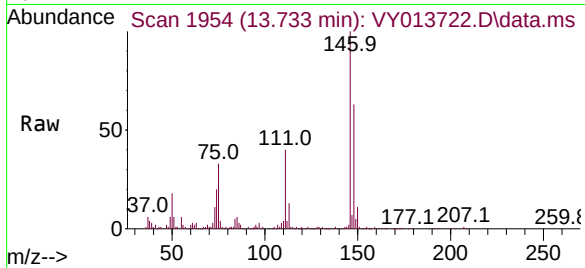
#91
1,2-Dichlorobenzene
Concen: 24.735 ug/l
RT: 13.733 min Scan# 1954
Delta R.T. -0.006 min
Lab File: VY013722.D
Acq: 11 May 2023 17:45

Instrument :
MSVOA_Y
ClientSampleId :
NB-08-051023

Tgt Ion:146 Resp: 8735
Ion Ratio Lower Upper
146 100
111 40.8 19.8 59.4
148 64.4 31.8 95.4

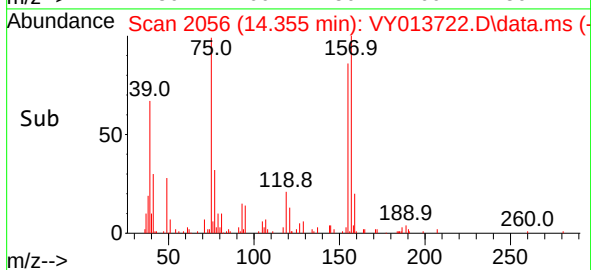
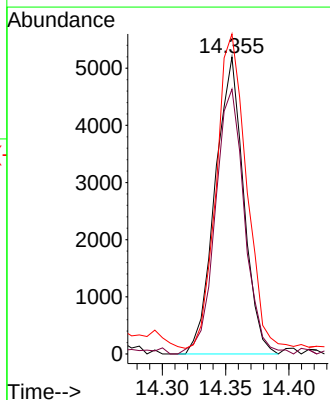
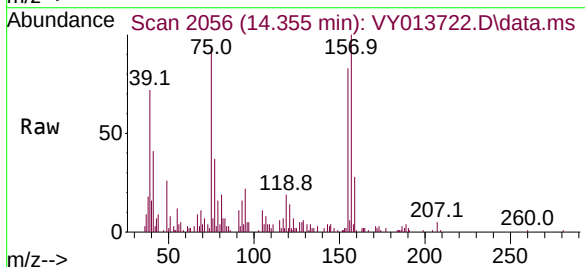
Manual Integrations
APPROVED

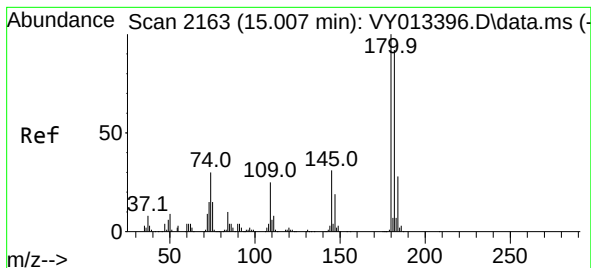
Reviewed By :John Carlone 05/12/2023
Supervised By :Mahesh Dadoda 05/17/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 22.242 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY013722.D
Acq: 11 May 2023 17:45

Tgt Ion: 75 Resp: 8134
Ion Ratio Lower Upper
75 100
155 91.2 44.6 134.0
157 113.2 57.6 172.7





#93

1,2,4-Trichlorobenzene

Concen: 21.790 ug/l

RT: 15.001 min Scan# 2162

Delta R.T. -0.006 min

Lab File: VY013722.D

Acq: 11 May 2023 17:45

Instrument :

MSVOA_Y

ClientSampleId :

NB-08-051023

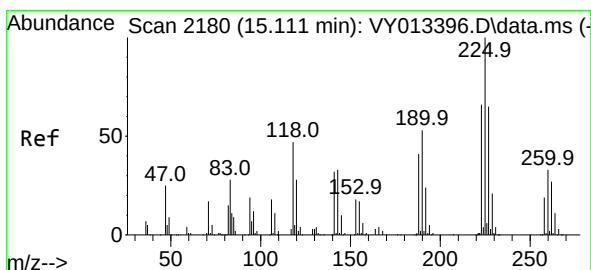
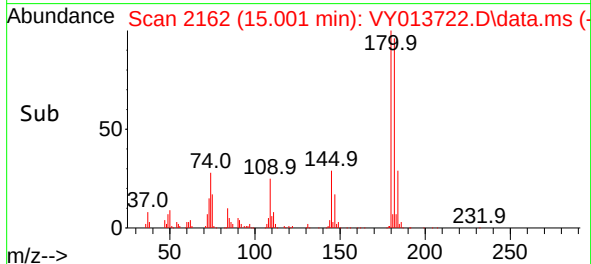
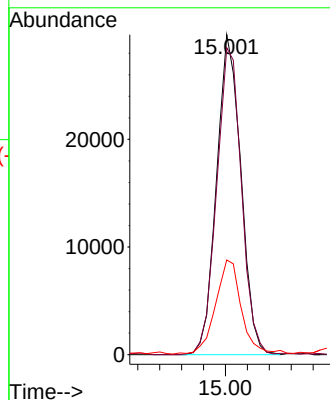
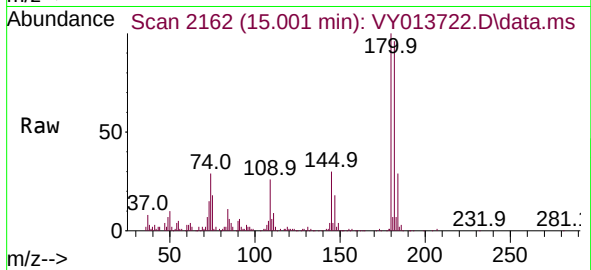
Tgt Ion:180	Resp:	45879
Ion Ratio	Lower	Upper
180	100	
182	97.9	48.5 145.5
145	31.2	15.0 45.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/12/2023

Supervised By :Mahesh Dadoda 05/17/2023



#94

Hexachlorobutadiene

Concen: 24.890 ug/l

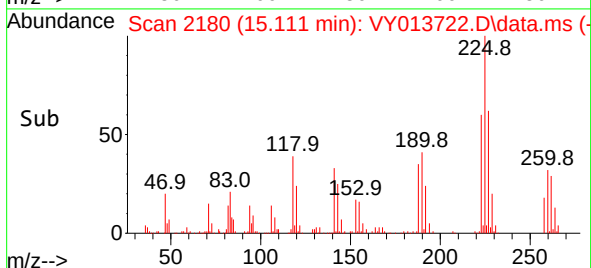
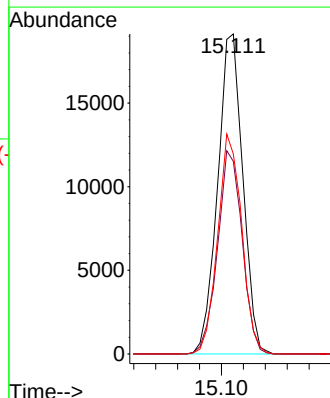
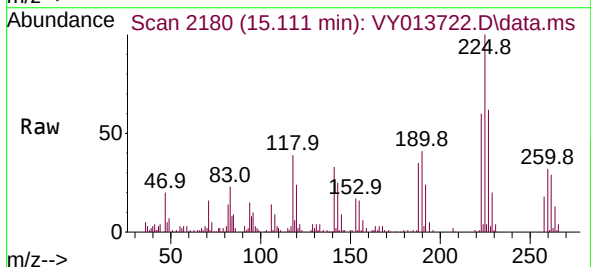
RT: 15.111 min Scan# 2180

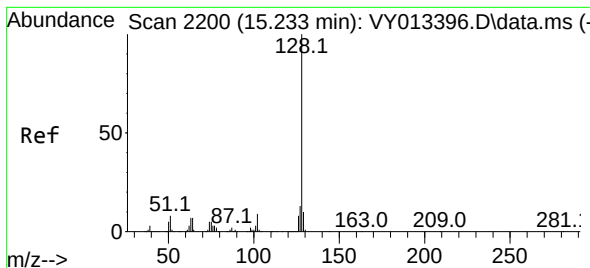
Delta R.T. -0.000 min

Lab File: VY013722.D

Acq: 11 May 2023 17:45

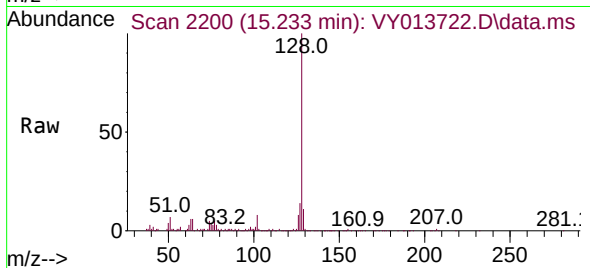
Tgt Ion:225	Resp:	30500
Ion Ratio	Lower	Upper
225	100	
223	61.9	31.4 94.2
227	65.6	32.0 96.0





#95
Naphthalene
Concen: 20.389 ug/l
RT: 15.233 min Scan# 2114
Delta R.T. -0.000 min
Lab File: VY013722.D
Acq: 11 May 2023 17:45

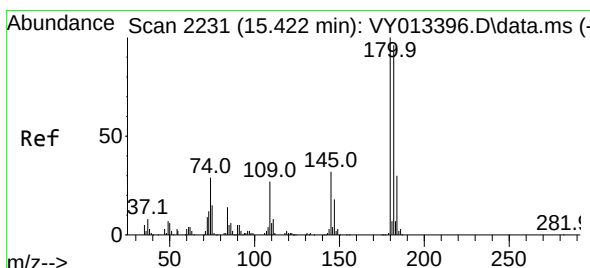
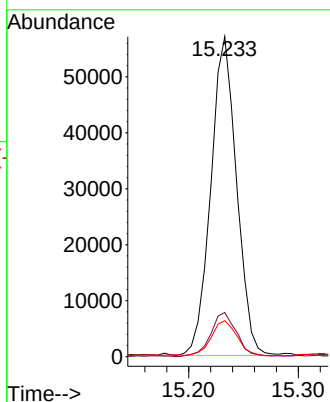
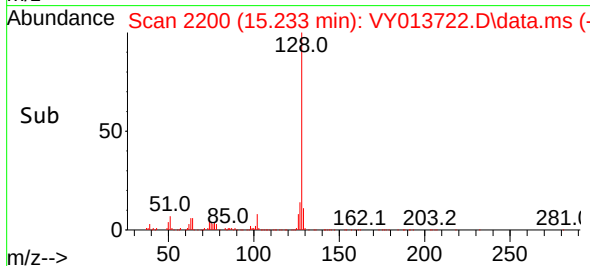
Instrument :
MSVOA_Y
ClientSampleId :
NB-08-051023



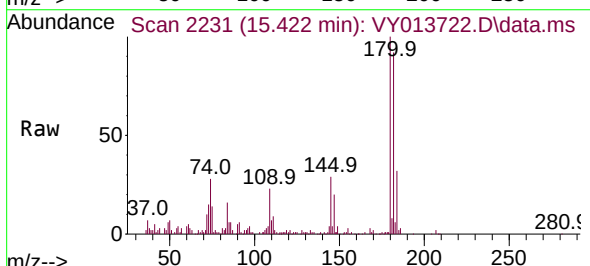
Tgt Ion:128 Resp: 93144
Ion Ratio Lower Upper
128 100
127 14.1 10.7 16.1
129 11.1 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/12/2023
Supervised By :Mahesh Dadoda 05/17/2023



#96
1,2,3-Trichlorobenzene
Concen: 20.624 ug/l
RT: 15.422 min Scan# 2231
Delta R.T. -0.000 min
Lab File: VY013722.D
Acq: 11 May 2023 17:45



Tgt Ion:180 Resp: 38703
Ion Ratio Lower Upper
180 100
182 96.4 47.1 141.3
145 31.7 15.9 47.7

