

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070623\
 Data File : VY014576.D
 Acq On : 06 Jul 2023 09:48
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

07/07/2023
 Supervised By :Mahesh
 Dadoda

Quant Time: Jul 06 10:12:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y063023S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 30 19:02:11 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	312651	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	432671	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	399757	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	221215	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	152672	49.087	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.180%
35) Dibromofluoromethane	7.710	113	149765	56.209	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	112.420%
50) Toluene-d8	10.179	98	571236	54.234	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	108.460%
62) 4-Bromofluorobenzene	12.477	95	200690	54.872	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	109.740%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	125608	56.711	ug/l	97
3) Chloromethane	2.107	50	187663	51.827	ug/l	99
4) Vinyl Chloride	2.247	62	230178	55.150	ug/l	98
5) Bromomethane	2.638	94	176199	54.444	ug/l	98
6) Chloroethane	2.784	64	151875	56.514	ug/l	97
7) Trichlorofluoromethane	3.113	101	278963	55.033	ug/l	98
8) Diethyl Ether	3.521	74	94384	49.175	ug/l	86
9) 1,1,2-Trichlorotrifluo...	3.887	101	166256	54.923	ug/l	96
10) Methyl Iodide	4.082	142	178100	51.559	ug/l	92
11) Tert butyl alcohol	4.948	59	134268	249.083	ug/l #	86
12) 1,1-Dichloroethene	3.863	96	154294	52.615	ug/l	86
13) Acrolein	3.723	56	99170	240.375	ug/l	98
14) Allyl chloride	4.473	41	215085	48.661	ug/l #	87
15) Acrylonitrile	5.149	53	263390	239.049	ug/l	99
16) Acetone	3.936	43	252571	260.037	ug/l #	86
17) Carbon Disulfide	4.186	76	448558	50.194	ug/l	99
18) Methyl Acetate	4.466	43	200828	45.421	ug/l #	89
19) Methyl tert-butyl Ether	5.210	73	431346	51.179	ug/l	97
20) Methylene Chloride	4.704	84	188647	54.231	ug/l	87
21) trans-1,2-Dichloroethene	5.210	96	174617	52.605	ug/l	93
22) Diisopropyl ether	6.112	45	443008	48.641	ug/l	88
23) Vinyl Acetate	6.052	43	1308209	248.269	ug/l #	92
24) 1,1-Dichloroethane	6.009	63	279341	48.857	ug/l	97
25) 2-Butanone	6.978	43	344425	239.488	ug/l	90
26) 2,2-Dichloropropane	6.972	77	246915	50.666	ug/l	97
27) cis-1,2-Dichloroethene	6.978	96	188660	50.104	ug/l	91
28) Bromochloromethane	7.326	49	115274	48.014	ug/l #	79
29) Tetrahydrofuran	7.344	42	219627	236.756	ug/l #	87
30) Chloroform	7.496	83	297428	49.868	ug/l	97
31) Cyclohexane	7.777	56	231987	47.543	ug/l	92
32) 1,1,1-Trichloroethane	7.698	97	256651	50.342	ug/l	97
36) 1,1-Dichloropropene	7.911	75	222774	54.598	ug/l	97
37) Ethyl Acetate	7.070	43	140924	50.361	ug/l #	91
38) Carbon Tetrachloride	7.893	117	240082	56.365	ug/l	99
39) Methylcyclohexane	9.179	83	274786	56.342	ug/l	93
40) Benzene	8.155	78	645033	52.224	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.314	41	69784m	51.047	ug/l	
42) 1,2-Dichloroethane	8.234	62	193035	53.173	ug/l	94
43) Isopropyl Acetate	8.271	43	241289	50.882	ug/l #	90
44) Trichloroethene	8.935	130	188955	54.875	ug/l	94
45) 1,2-Dichloropropane	9.210	63	167347	52.815	ug/l	97
46) Dibromomethane	9.301	93	105503	54.694	ug/l	93
47) Bromodichloromethane	9.490	83	231411	54.448	ug/l	98
48) Methyl methacrylate	9.289	41	113623	52.690	ug/l #	81
49) 1,4-Dioxane	9.295	88	36272	1053.042	ug/l #	64
51) 4-Methyl-2-Pentanone	10.069	43	724012	257.889	ug/l	89
52) Toluene	10.240	92	415872	53.506	ug/l	98
53) t-1,3-Dichloropropene	10.459	75	245577	54.033	ug/l	98
54) cis-1,3-Dichloropropene	9.923	75	273057	53.847	ug/l #	87
55) 1,1,2-Trichloroethane	10.642	97	149986	53.437	ug/l	98
56) Ethyl methacrylate	10.508	69	204454	53.549	ug/l #	80
57) 1,3-Dichloropropane	10.788	76	242773	53.084	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.776	63	486642	263.095	ug/l	95
59) 2-Hexanone	10.831	43	539623	266.087	ug/l	87
60) Dibromochloromethane	10.984	129	182713	55.555	ug/l	99
61) 1,2-Dibromoethane	11.087	107	149165	54.435	ug/l	100
64) Tetrachloroethene	10.715	164	198167	55.454	ug/l	95
65) Chlorobenzene	11.514	112	464311	54.502	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	183640	56.715	ug/l	99
67) Ethyl Benzene	11.587	91	805551	55.449	ug/l	98
68) m/p-Xylenes	11.697	106	642565	111.504	ug/l	93
69) o-Xylene	12.026	106	300706	55.017	ug/l	96
70) Styrene	12.038	104	524034	55.727	ug/l	97
71) Bromoform	12.209	173	141236	57.415	ug/l	99
73) Isopropylbenzene	12.325	105	792371	54.692	ug/l	98
74) N-amyl acetate	12.142	43	226907	51.893	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.581	83	195537	52.593	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	137169m	52.841	ug/l	
77) Bromobenzene	12.605	156	215465	54.450	ug/l	91
78) n-propylbenzene	12.666	91	981057	55.512	ug/l	98
79) 2-Chlorotoluene	12.752	91	570759	56.118	ug/l	96
80) 1,3,5-Trimethylbenzene	12.813	105	699222	57.009	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.374	75	67705	50.766	ug/l	87
82) 4-Chlorotoluene	12.849	91	587752	55.161	ug/l	96
83) tert-Butylbenzene	13.075	119	597192	55.402	ug/l	97
84) 1,2,4-Trimethylbenzene	13.117	105	676916	55.308	ug/l	98
85) sec-Butylbenzene	13.251	105	890435	55.980	ug/l	98
86) p-Isopropyltoluene	13.367	119	758401	56.657	ug/l	97
87) 1,3-Dichlorobenzene	13.361	146	421392	54.465	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	410264	52.911	ug/l	98
89) n-Butylbenzene	13.697	91	702333	56.774	ug/l	98
90) Hexachloroethane	13.959	117	149405	56.346	ug/l	87
91) 1,2-Dichlorobenzene	13.739	146	382574	54.589	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	34640	50.890	ug/l	79
93) 1,2,4-Trichlorobenzene	15.001	180	260574	57.565	ug/l	98
94) Hexachlorobutadiene	15.111	225	168611	60.607	ug/l	98
95) Naphthalene	15.233	128	524946	54.509	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	234402	56.833	ug/l	99

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

(#) = qualifier out of range (m) = manual integration (+) = signals summed						

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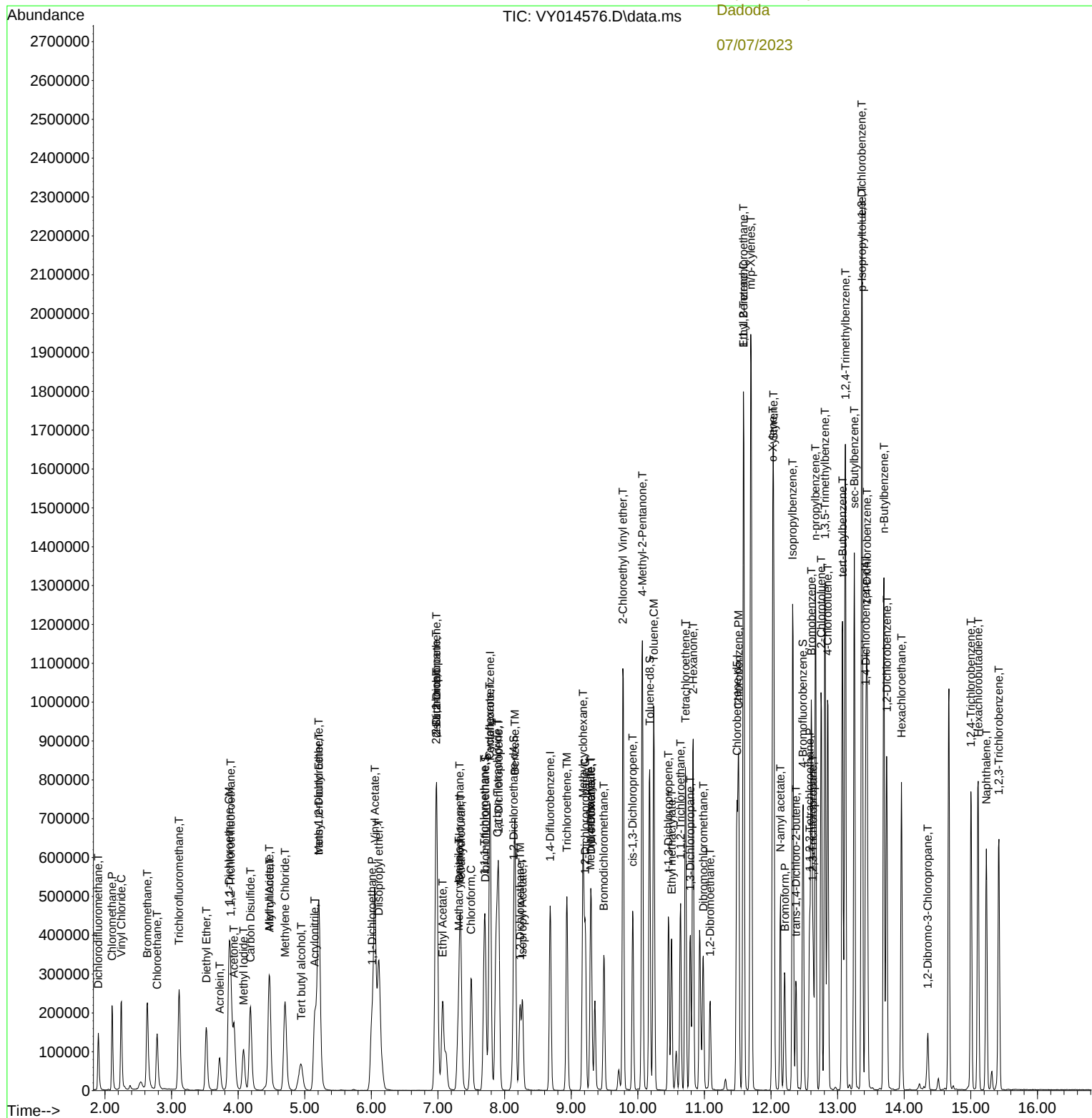
Manual Integrations
APPROVED

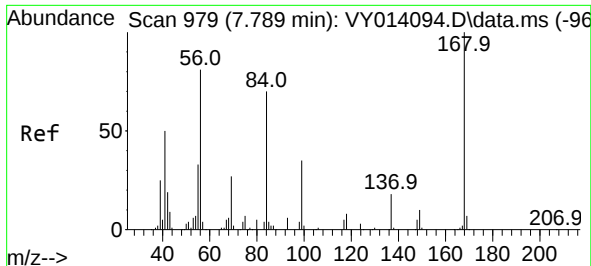
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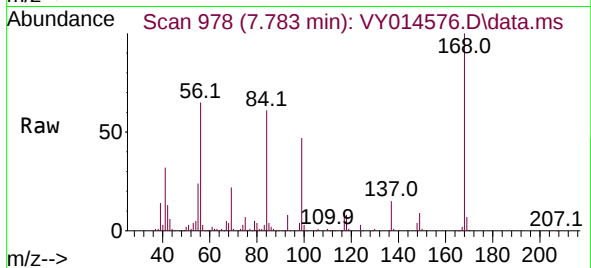
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
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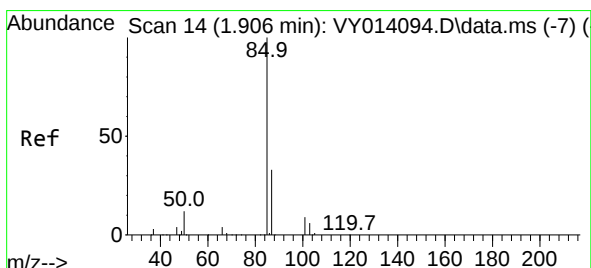
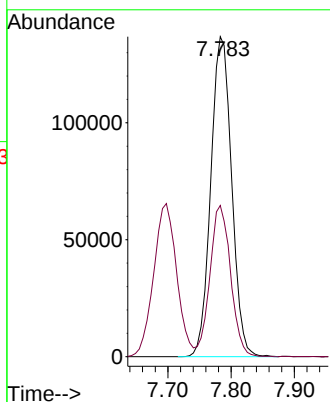
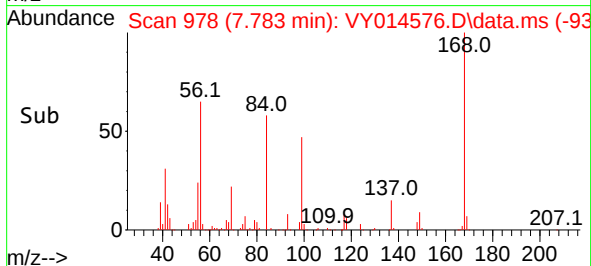
Tgt Ion:168 Resp: 31265
Ion Ratio Lower Upper
168 100
99 47.2 43.4 65.0

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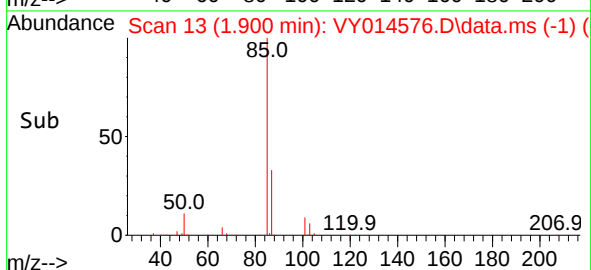
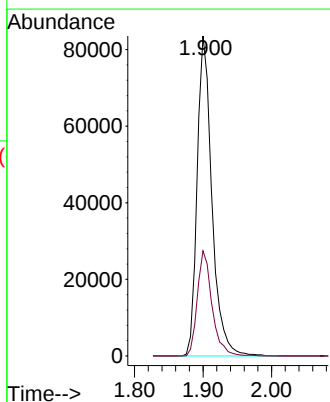
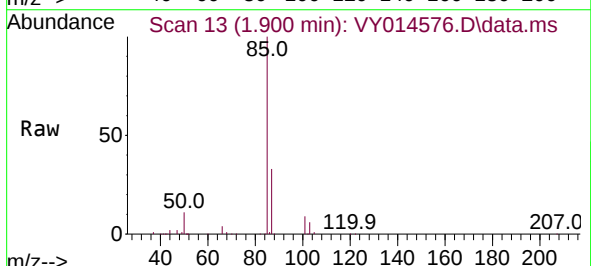
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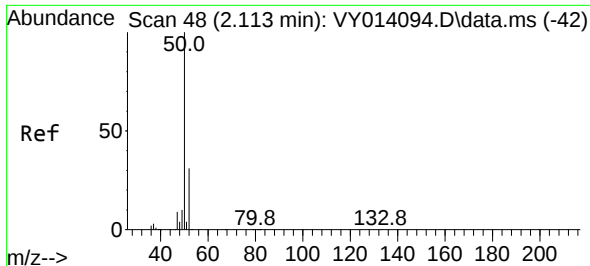
07/07/2023



#2
Dichlorodifluoromethane
Concen: 56.711 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.006 min
Lab File: VY014576.D
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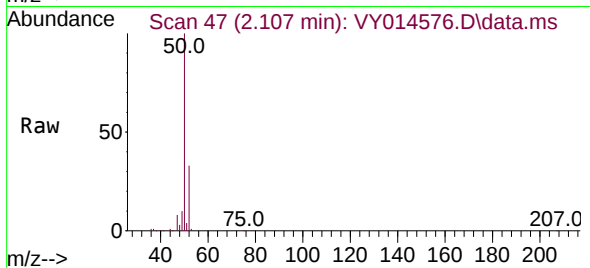
Tgt Ion: 85 Resp: 125608
Ion Ratio Lower Upper
85 100
87 32.9 15.6 46.8





#3
Chloromethane
Concen: 51.827 ug/l
RT: 2.107 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY014576.D
Acq: 06 Jul 2023 09:48

Instrument :
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ClientSampleId :
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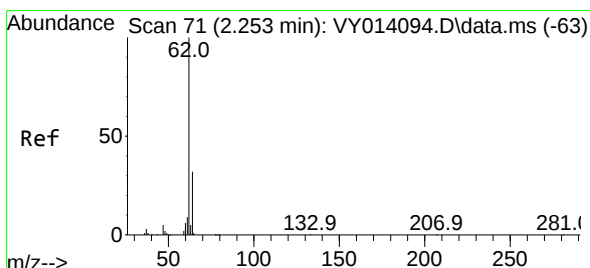
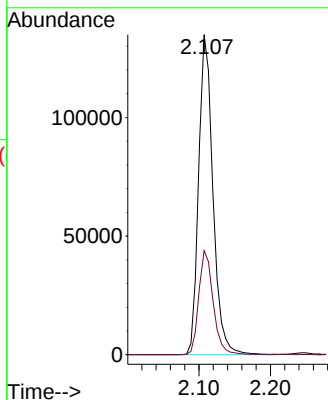
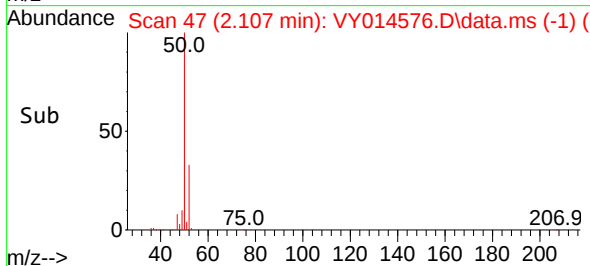
Tgt Ion: 50 Resp: 187663
Ion Ratio Lower Upper
50 100
52 32.5 25.4 38.2

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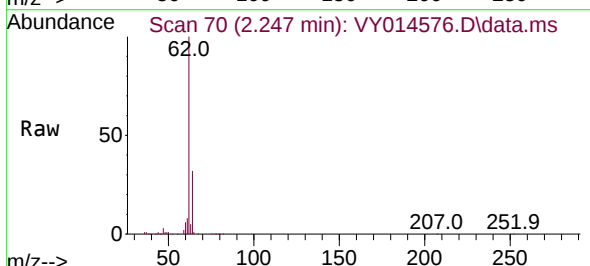
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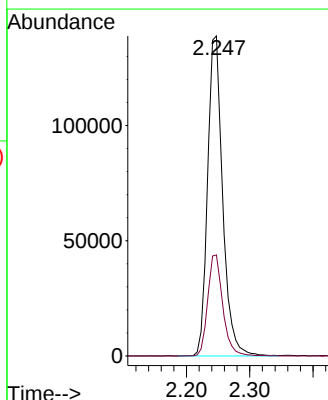
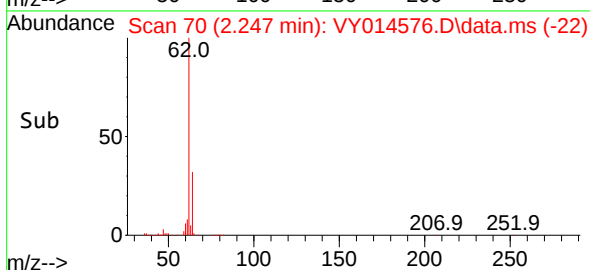
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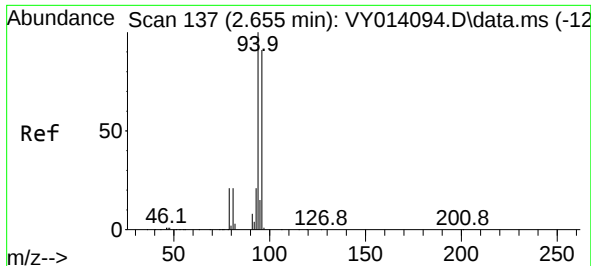


#4
Vinyl Chloride
Concen: 55.150 ug/l
RT: 2.247 min Scan# 70
Delta R.T. -0.006 min
Lab File: VY014576.D
Acq: 06 Jul 2023 09:48



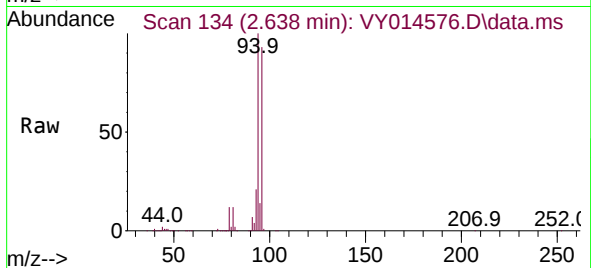
Tgt Ion: 62 Resp: 230178
Ion Ratio Lower Upper
62 100
64 31.6 24.3 36.5





#5
Bromomethane
Concen: 54.444 ug/l
RT: 2.638 min Scan# 11
Delta R.T. -0.017 min
Lab File: VY014576.D
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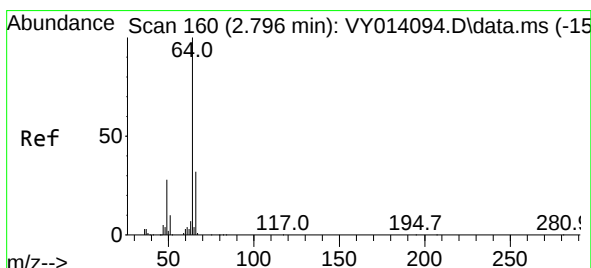
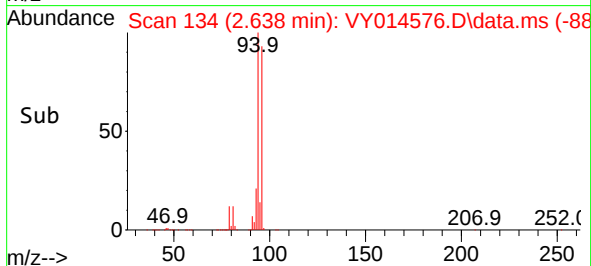
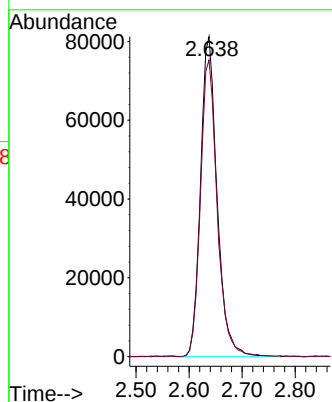
Tgt Ion: 94 Resp: 176199
Ion Ratio Lower Upper
94 100
96 92.6 75.8 113.6

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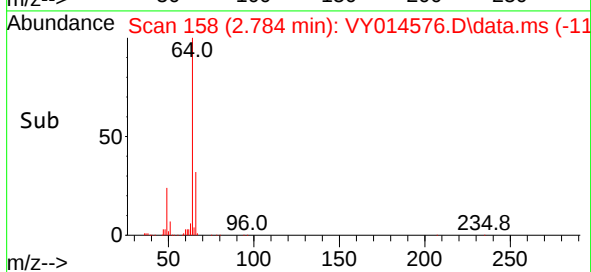
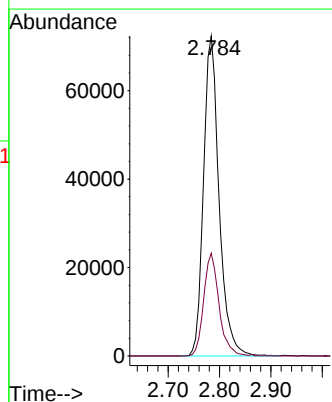
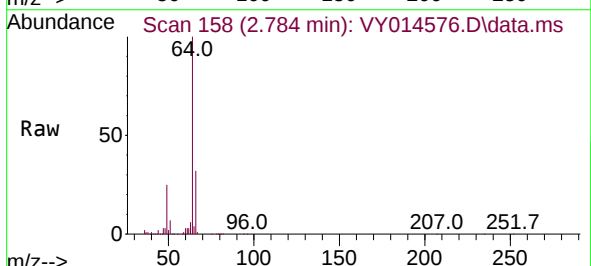
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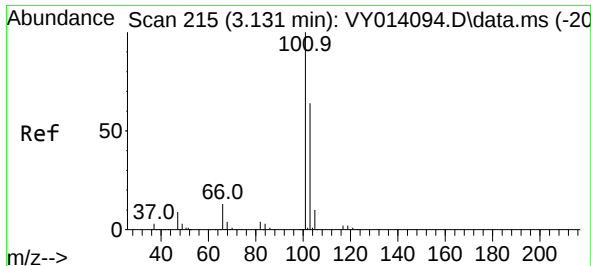
07/07/2023



#6
Chloroethane
Concen: 56.514 ug/l
RT: 2.784 min Scan# 158
Delta R.T. -0.012 min
Lab File: VY014576.D
Acq: 06 Jul 2023 09:48

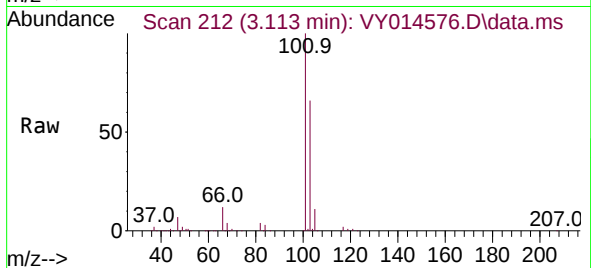
Tgt Ion: 64 Resp: 151875
Ion Ratio Lower Upper
64 100
66 32.1 24.4 36.6





#7
Trichlorofluoromethane
Concen: 55.033 ug/l
RT: 3.113 min Scan# 215
Delta R.T. -0.018 min
Lab File: VY014576.D
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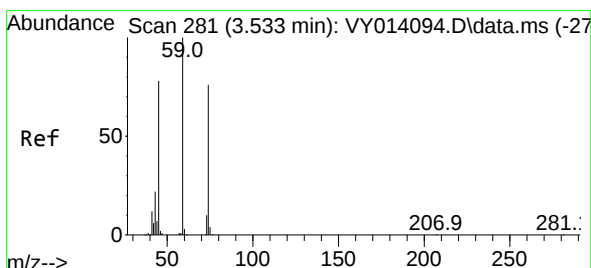
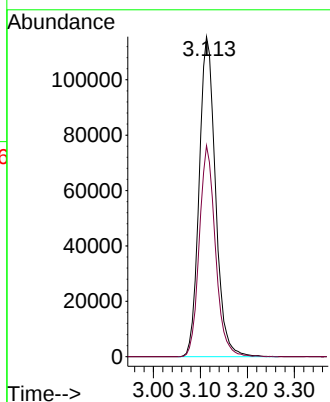
Tgt Ion:101 Resp: 27896
Ion Ratio Lower Upper
101 100
103 65.9 51.4 77.0

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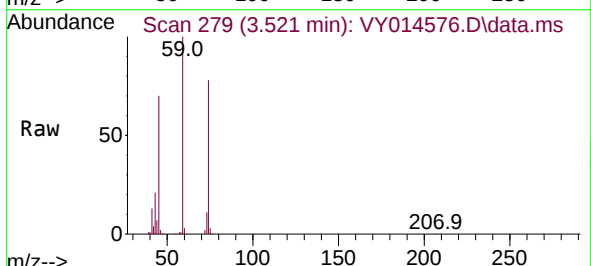
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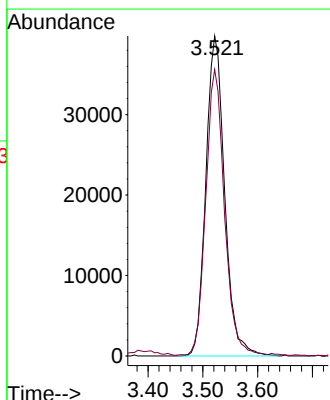
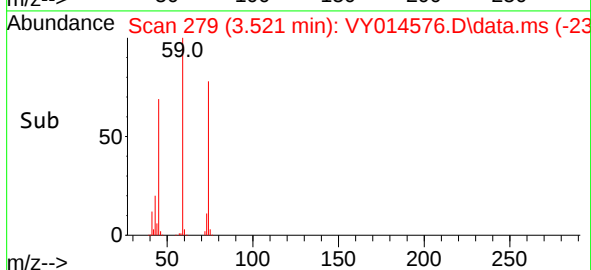
07/07/2023



#8
Diethyl Ether
Concen: 49.175 ug/l
RT: 3.521 min Scan# 279
Delta R.T. -0.012 min
Lab File: VY014576.D
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Tgt Ion: 74 Resp: 94384
Ion Ratio Lower Upper
74 100
45 89.0 51.5 154.5





#9
1,1,2-Trichlorotrifluoroethane
Concen: 54.923 ug/l
RT: 3.887 min Scan# 311
Delta R.T. -0.018 min
Lab File: VY014576.D
Acq: 06 Jul 2023 09:48

Instrument :
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ClientSampleId :
VSTDCCC050

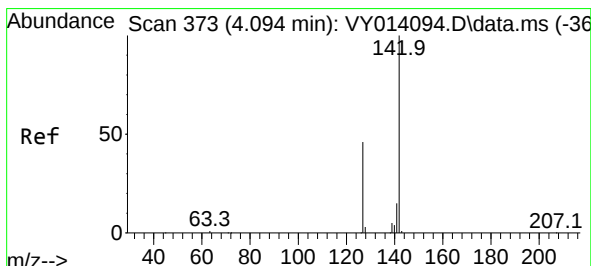
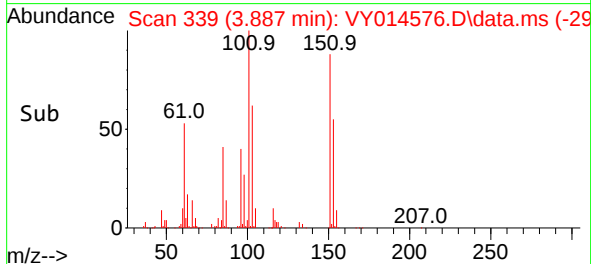
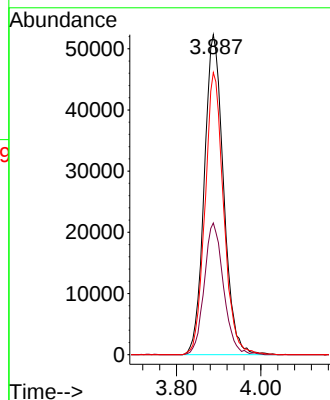
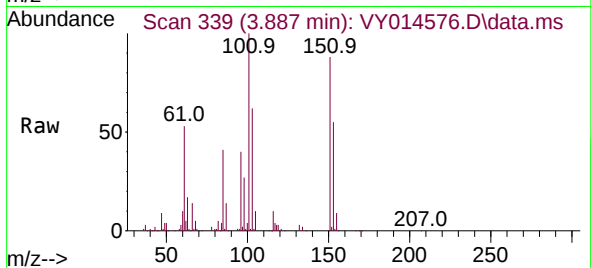
Tgt Ion:101 Resp: 166250
Ion Ratio Lower Upper
101 100
85 41.1 36.6 55.0
151 85.4 67.0 100.6

Manual Integrations
APPROVED

Reviewed By :John
Carlone

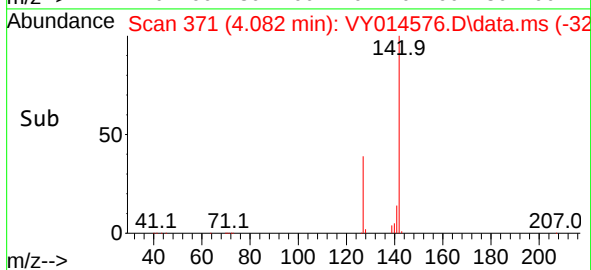
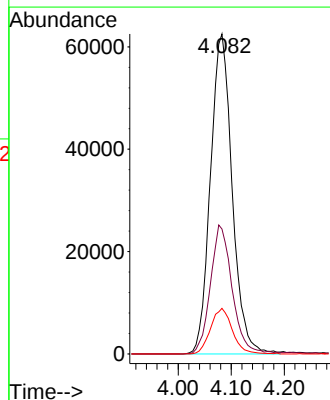
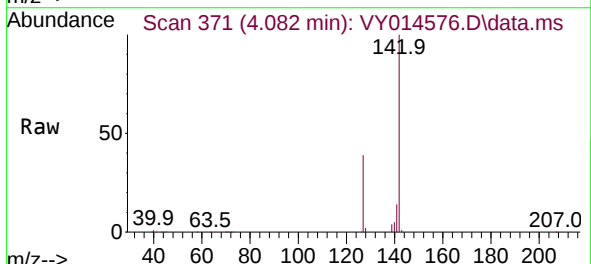
07/07/2023
Supervised By :Mahesh
Dadoda

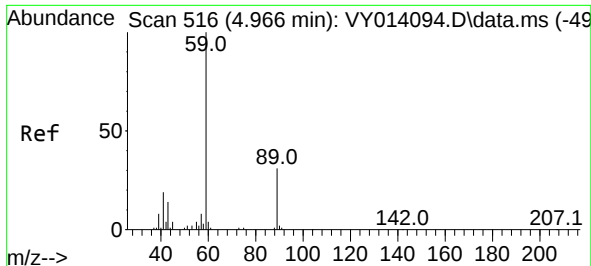
07/07/2023



#10
Methyl Iodide
Concen: 51.559 ug/l
RT: 4.082 min Scan# 371
Delta R.T. -0.012 min
Lab File: VY014576.D
Acq: 06 Jul 2023 09:48

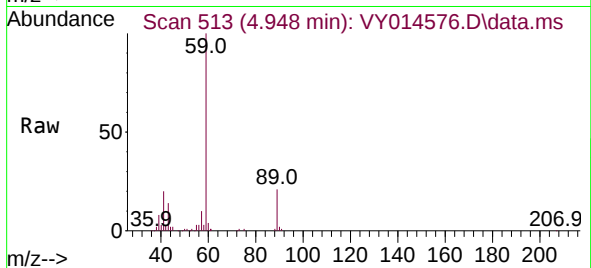
Tgt Ion:142 Resp: 178100
Ion Ratio Lower Upper
142 100
127 40.4 37.6 56.4
141 14.3 11.8 17.8





#11
Tert butyl alcohol
Concen: 249.083 ug/l
RT: 4.948 min Scan# 513
Delta R.T. -0.018 min
Lab File: VY014576.D
Acq: 06 Jul 2023 09:48

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



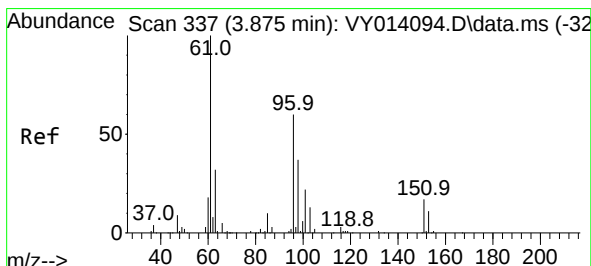
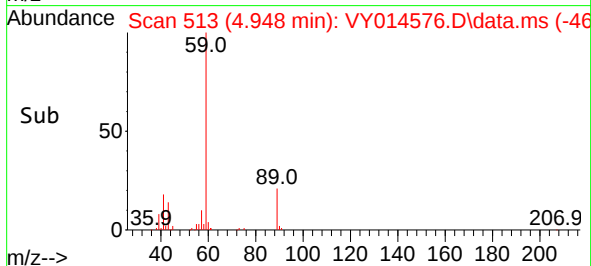
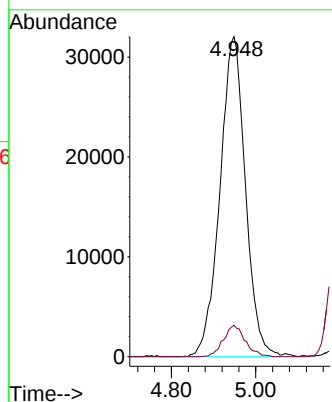
Tgt Ion: 59 Resp: 134268
Ion Ratio Lower Upper
59 100
57 8.4 3.0 4.4

Manual Integrations
APPROVED

Reviewed By :John
Carlone

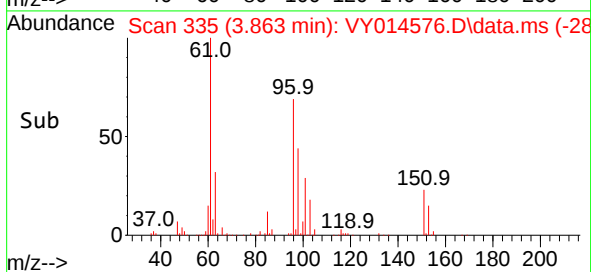
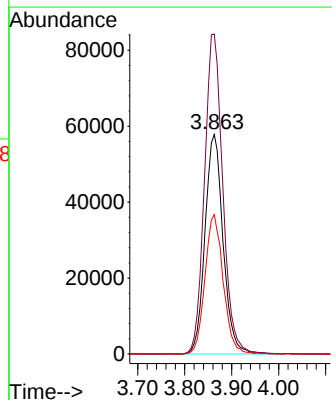
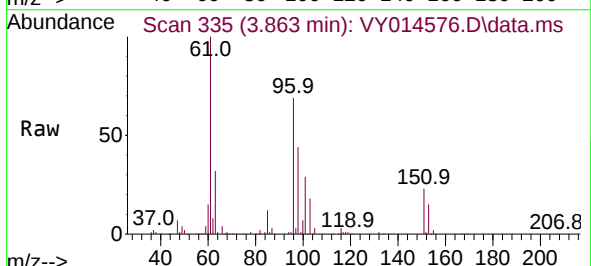
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Supervised By :Mahesh
Dadoda

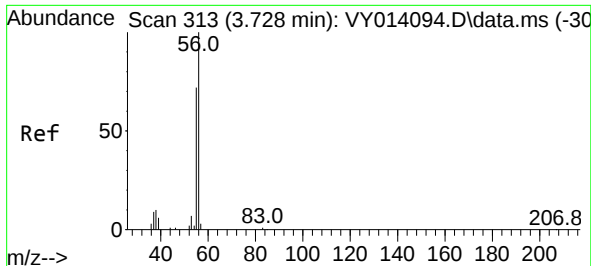
07/07/2023



#12
1,1-Dichloroethene
Concen: 52.615 ug/l
RT: 3.863 min Scan# 335
Delta R.T. -0.012 min
Lab File: VY014576.D
Acq: 06 Jul 2023 09:48

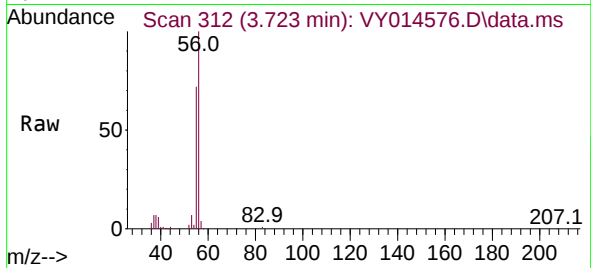
Tgt Ion: 96 Resp: 154294
Ion Ratio Lower Upper
96 100
61 145.7 136.4 204.6
98 63.5 49.4 74.2





#13
Acrolein
Concen: 240.375 ug/l
RT: 3.723 min Scan# 313
Delta R.T. -0.005 min
Lab File: VY014576.D
Acq: 06 Jul 2023 09:48

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



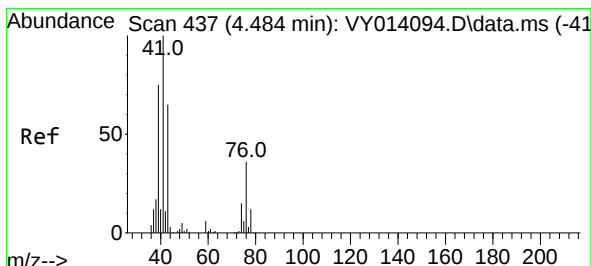
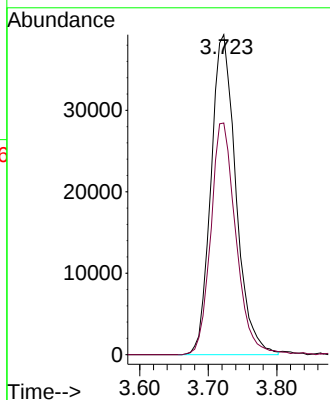
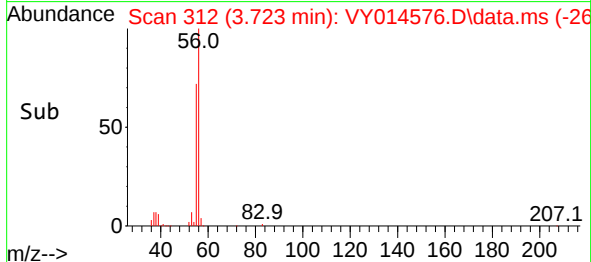
Tgt Ion: 56 Resp: 99170
Ion Ratio Lower Upper
56 100
55 72.9 57.0 85.4

Manual Integrations
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Reviewed By :John
Carlone

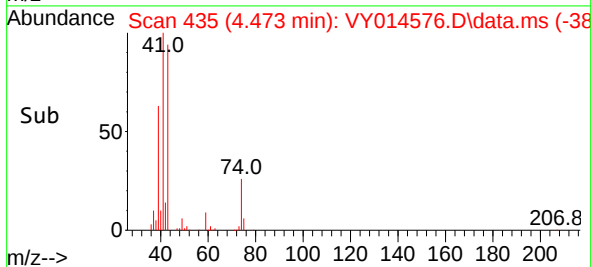
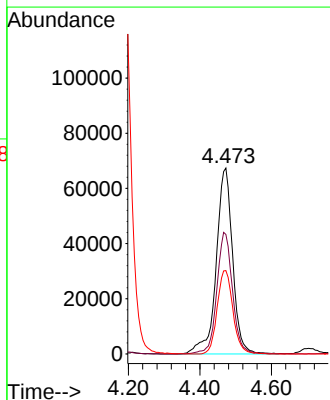
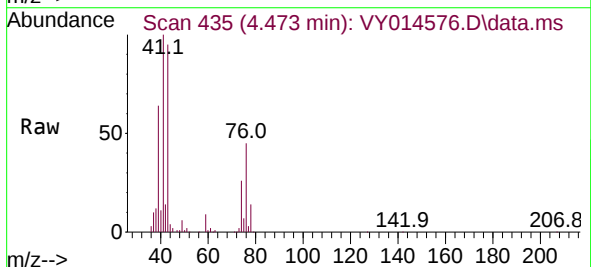
07/07/2023
Supervised By :Mahesh
Dadoda

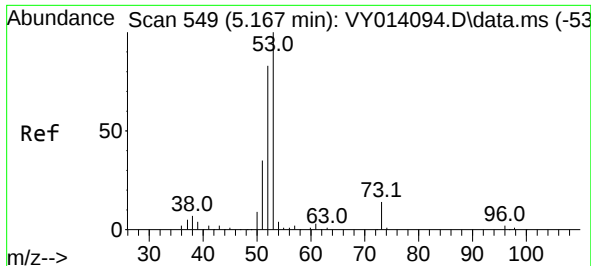
07/07/2023



#14
Allyl chloride
Concen: 48.661 ug/l
RT: 4.473 min Scan# 435
Delta R.T. -0.011 min
Lab File: VY014576.D
Acq: 06 Jul 2023 09:48

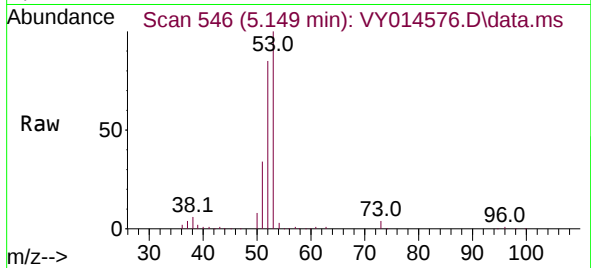
Tgt Ion: 41 Resp: 215085
Ion Ratio Lower Upper
41 100
39 62.3 58.0 87.0
76 42.8 27.4 41.2#





#15
Acrylonitrile
Concen: 239.049 ug/l
RT: 5.149 min Scan# 549
Delta R.T. -0.018 min
Lab File: VY014576.D
Acq: 06 Jul 2023 09:48

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



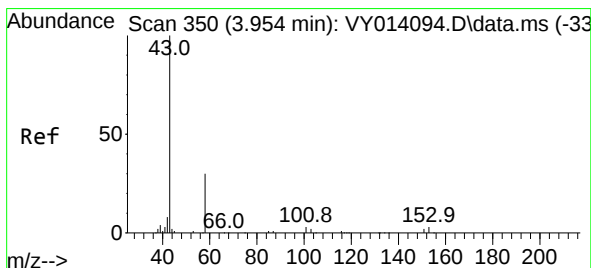
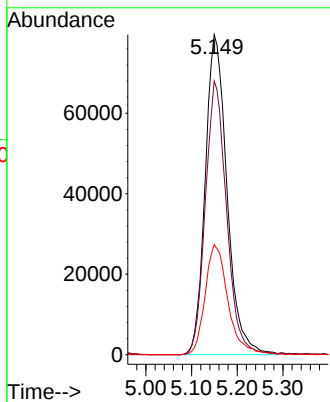
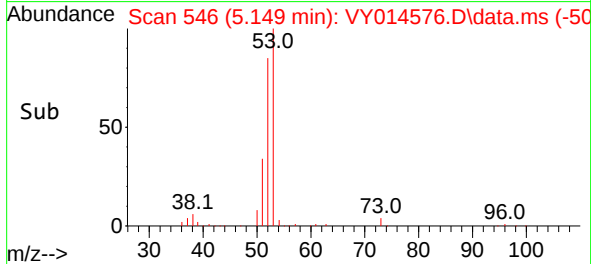
Tgt Ion: 53 Resp: 263390
Ion Ratio Lower Upper
53 100
52 83.4 66.9 100.3
51 36.1 29.8 44.6

Manual Integrations
APPROVED

Reviewed By :John
Carlone

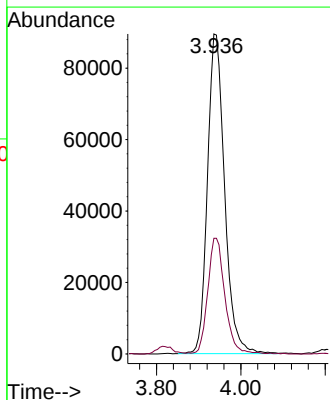
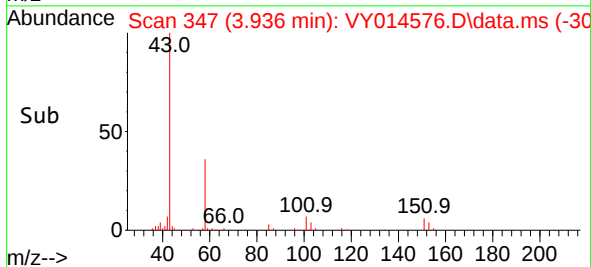
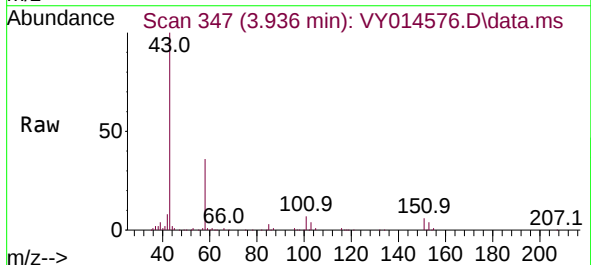
07/07/2023
Supervised By :Mahesh
Dadoda

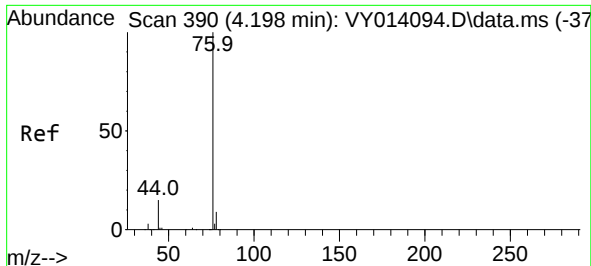
07/07/2023



#16
Acetone
Concen: 260.037 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.018 min
Lab File: VY014576.D
Acq: 06 Jul 2023 09:48

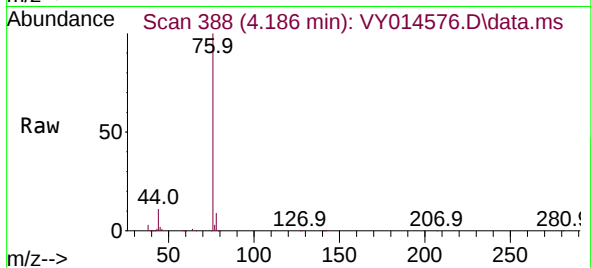
Tgt Ion: 43 Resp: 252571
Ion Ratio Lower Upper
43 100
58 36.1 22.7 34.1#





#17
Carbon Disulfide
Concen: 50.194 ug/l
RT: 4.186 min Scan# 390
Delta R.T. -0.012 min
Lab File: VY014576.D
Acq: 06 Jul 2023 09:48

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



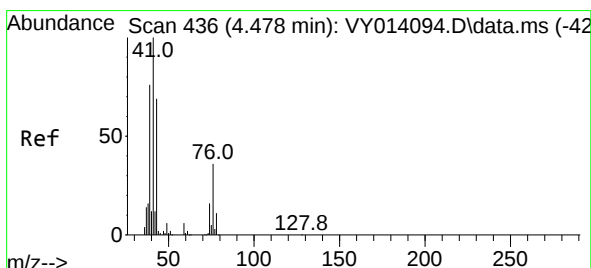
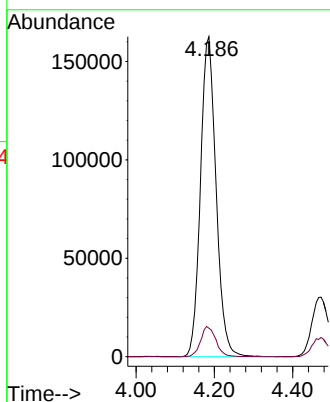
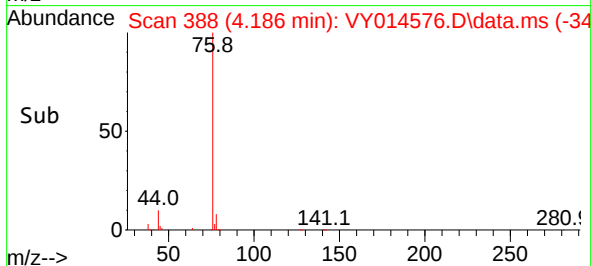
Tgt Ion: 76 Resp: 448558
Ion Ratio Lower Upper
76 100
78 8.9 7.0 10.4

Manual Integrations
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Reviewed By :John
Carlone

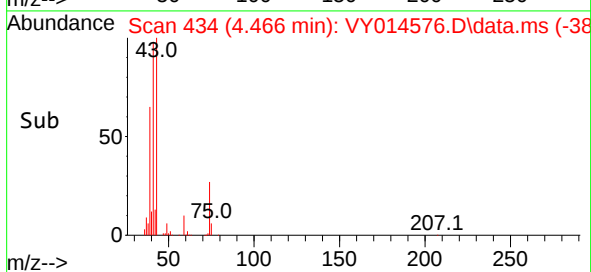
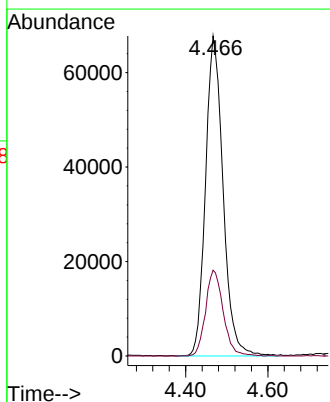
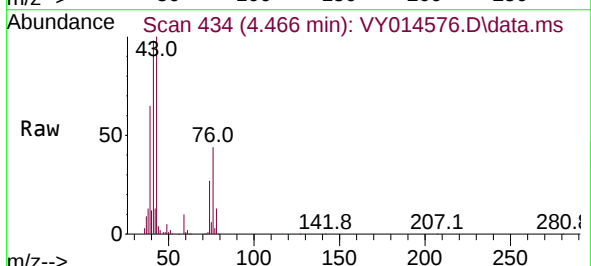
07/07/2023
Supervised By :Mahesh
Dadoda

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#18
Methyl Acetate
Concen: 45.421 ug/l
RT: 4.466 min Scan# 434
Delta R.T. -0.012 min
Lab File: VY014576.D
Acq: 06 Jul 2023 09:48

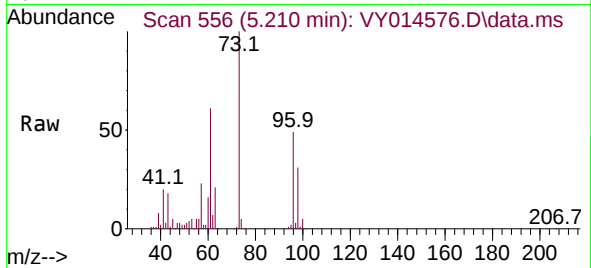
Tgt Ion: 43 Resp: 200828
Ion Ratio Lower Upper
43 100
74 26.8 17.4 26.0#





#19
Methyl tert-butyl Ether
Concen: 51.179 ug/l
RT: 5.210 min Scan# 513
Delta R.T. -0.012 min
Lab File: VY014576.D
Acq: 06 Jul 2023 09:48

Instrument :
MSVOA_Y
ClientSampleId :
VSTDC0050



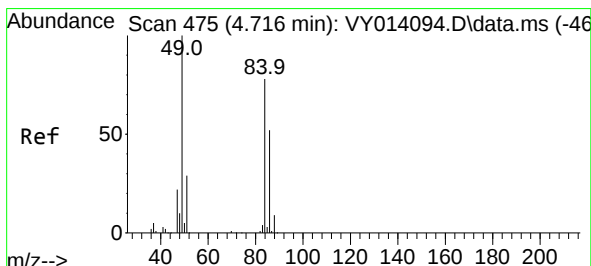
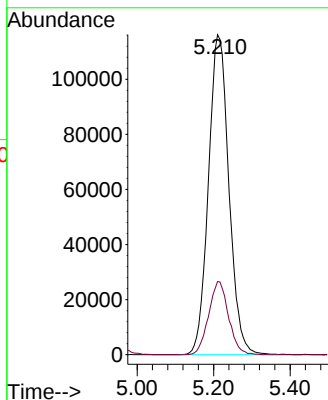
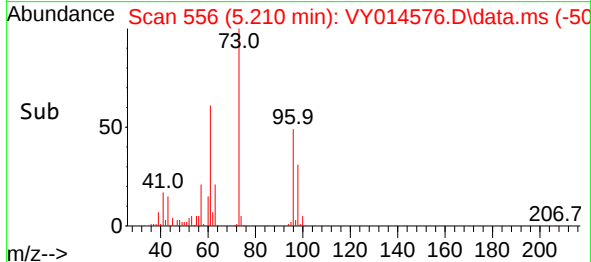
Tgt Ion: 73 Resp: 431340
Ion Ratio Lower Upper
73 100
57 22.9 17.3 25.9

Manual Integrations
APPROVED

Reviewed By :John
Carlone

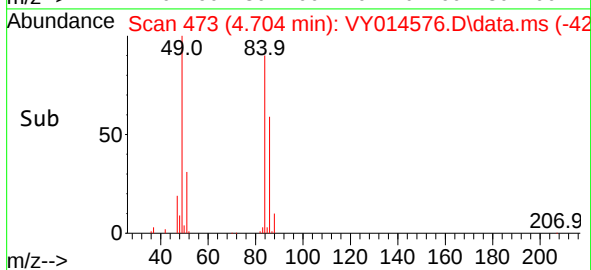
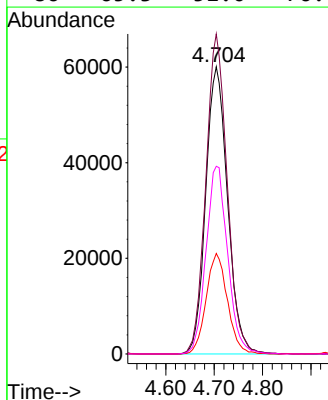
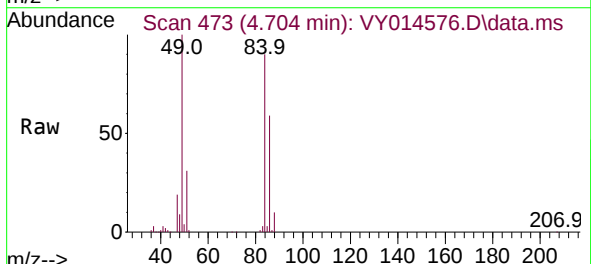
07/07/2023
Supervised By :Mahesh
Dadoda

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#20
Methylene Chloride
Concen: 54.231 ug/l
RT: 4.704 min Scan# 473
Delta R.T. -0.012 min
Lab File: VY014576.D
Acq: 06 Jul 2023 09:48

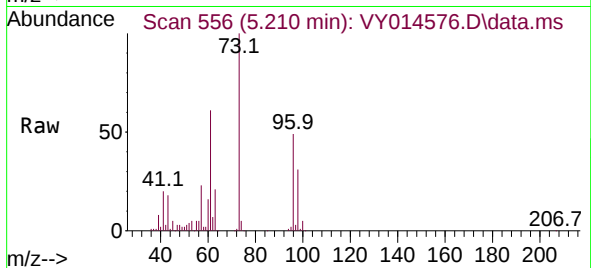
Tgt Ion: 84 Resp: 188647
Ion Ratio Lower Upper
84 100
49 111.4 106.9 160.3
51 35.0 33.2 49.8
86 65.3 51.0 76.6





#21
trans-1,2-Dichloroethene
Concen: 52.605 ug/l
RT: 5.210 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY014576.D
Acq: 06 Jul 2023 09:48

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



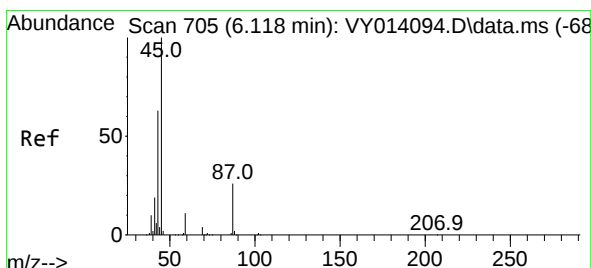
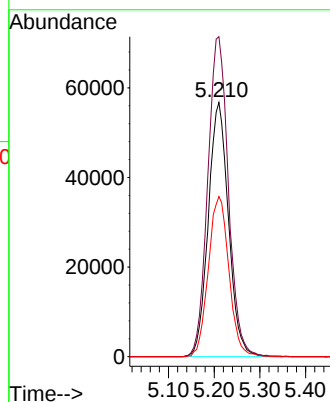
Tgt Ion: 96 Resp: 17461
Ion Ratio Lower Upper
96 100
61 125.9 110.2 165.4
98 63.0 51.8 77.6

Manual Integrations
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Reviewed By :John
Carlone

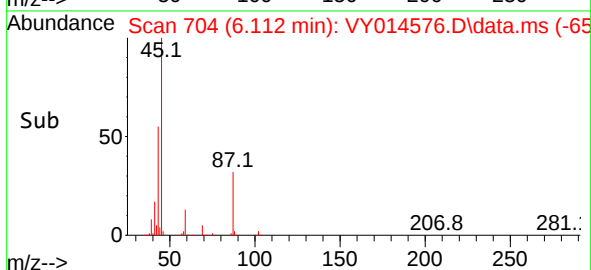
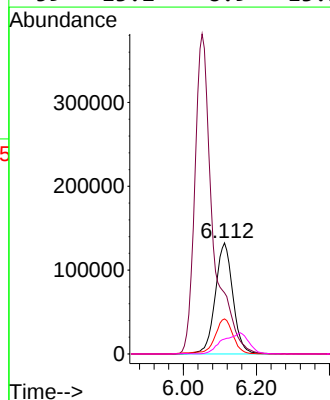
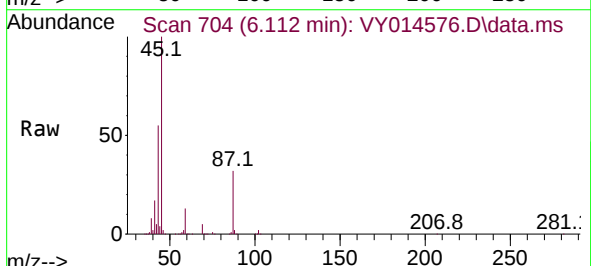
07/07/2023
Supervised By :Mahesh
Dadoda

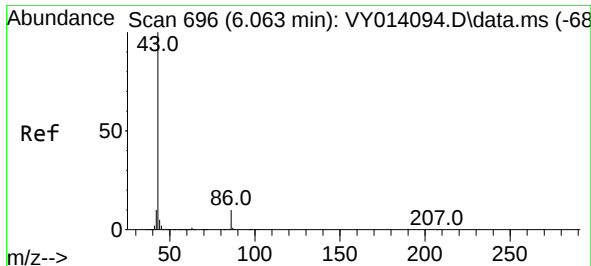
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#22
Diisopropyl ether
Concen: 48.641 ug/l
RT: 6.112 min Scan# 704
Delta R.T. -0.006 min
Lab File: VY014576.D
Acq: 06 Jul 2023 09:48

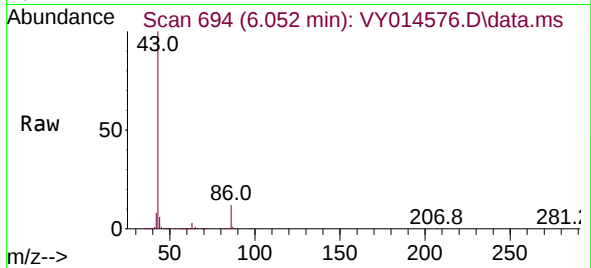
Tgt Ion: 45 Resp: 443008
Ion Ratio Lower Upper
45 100
43 54.8 52.2 78.4
87 31.5 21.0 31.6
59 13.2 8.9 13.3





#23
 Vinyl Acetate
 Concen: 248.269 ug/l
 RT: 6.052 min Scan# 694
 Delta R.T. -0.011 min
 Lab File: VY014576.D
 Acq: 06 Jul 2023 09:48

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050



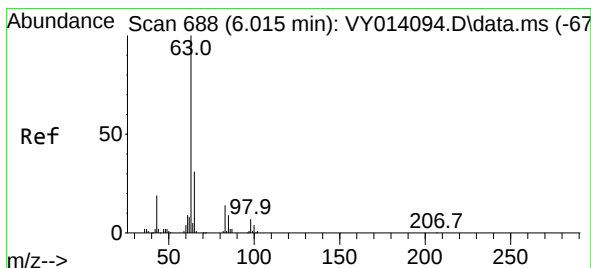
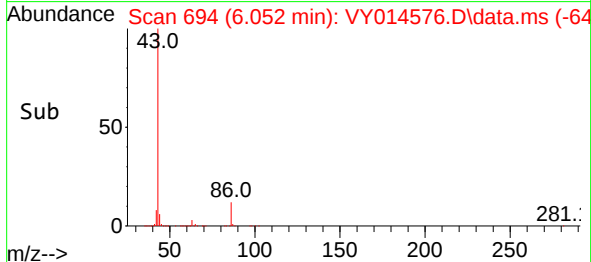
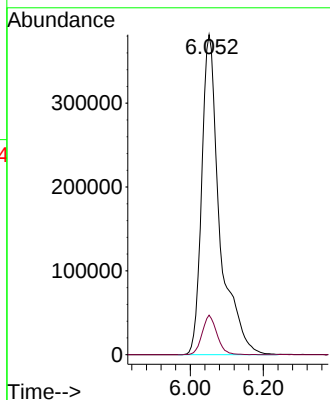
Tgt Ion: 43 Resp: 1308209
 Ion Ratio Lower Upper
 43 100
 86 12.3 7.5 11.3

Manual Integrations
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Reviewed By :John
 Carlone

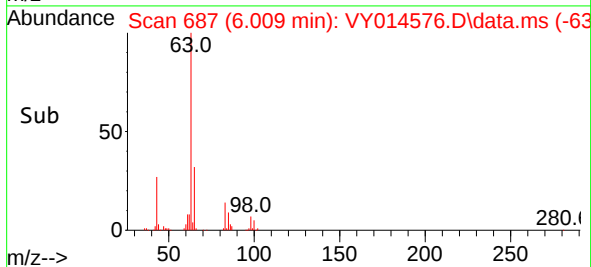
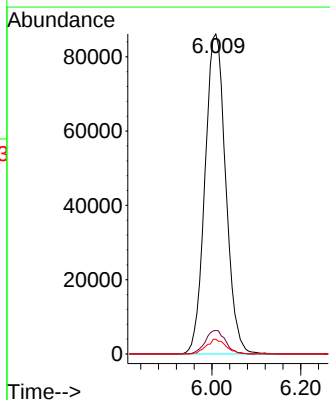
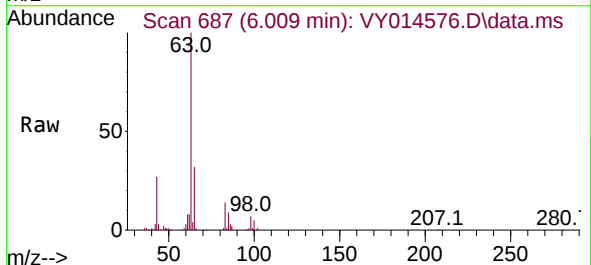
07/07/2023
 Supervised By :Mahesh
 Dadoda

07/07/2023



#24
 1,1-Dichloroethane
 Concen: 48.857 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. -0.006 min
 Lab File: VY014576.D
 Acq: 06 Jul 2023 09:48

Tgt Ion: 63 Resp: 279341
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.1 9.4
 100 4.6 1.8 5.5





#25

2-Butanone

Concen: 239.488 ug/l

RT: 6.978 min Scan# 84

Delta R.T. -0.012 min

Lab File: VY014576.D

Acq: 06 Jul 2023 09:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 344425

Ion Ratio Lower Upper

43 100

72 30.4 20.5 30.7

Manual Integrations

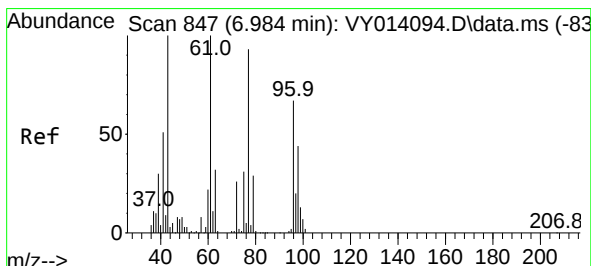
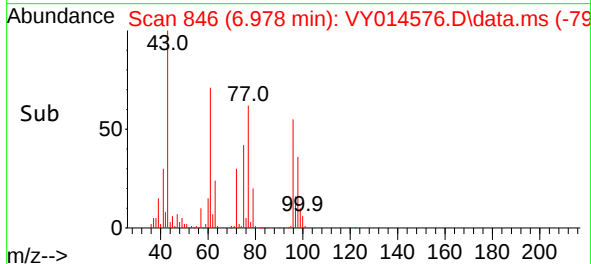
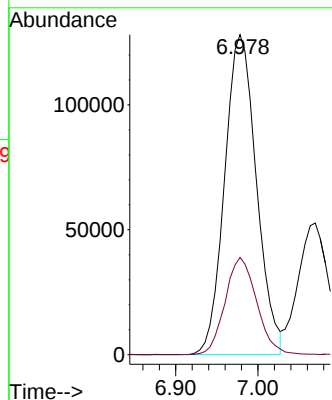
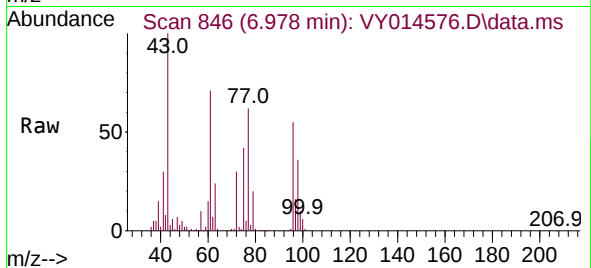
APPROVED

Reviewed By :John
Carlone

07/07/2023

Supervised By :Mahesh
Dadoda

07/07/2023



#26

2,2-Dichloropropane

Concen: 50.666 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.012 min

Lab File: VY014576.D

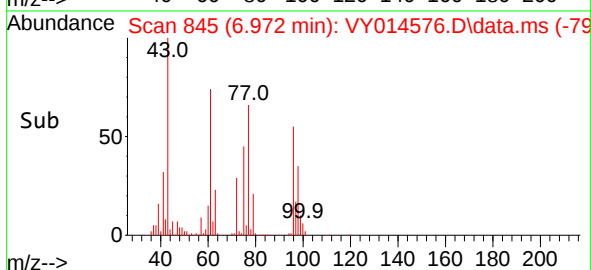
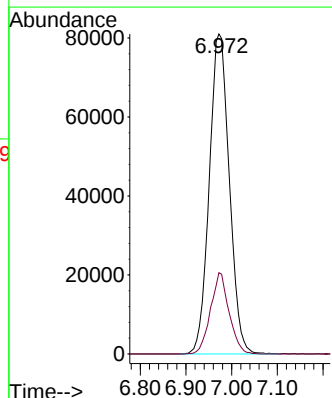
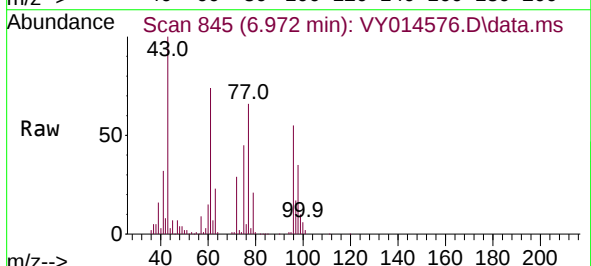
Acq: 06 Jul 2023 09:48

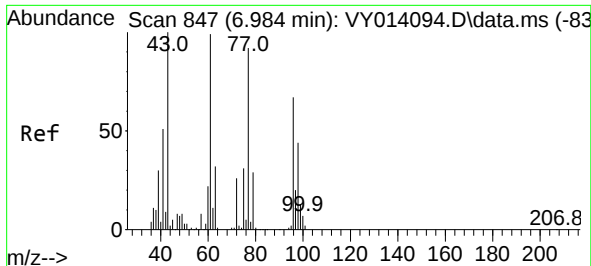
Tgt Ion: 77 Resp: 246915

Ion Ratio Lower Upper

77 100

97 23.4 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 50.104 ug/l

RT: 6.978 min Scan# 84

Delta R.T. -0.006 min

Lab File: VY014576.D

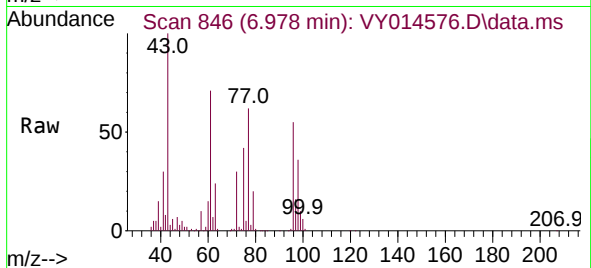
Acq: 06 Jul 2023 09:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050



Tgt Ion: 96 Resp: 188660

Ion Ratio Lower Upper

96 100

61 134.3 0.0 301.4

98 64.8 0.0 130.4

Manual Integrations

APPROVED

Reviewed By :John

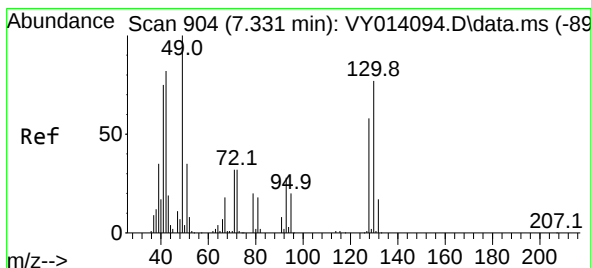
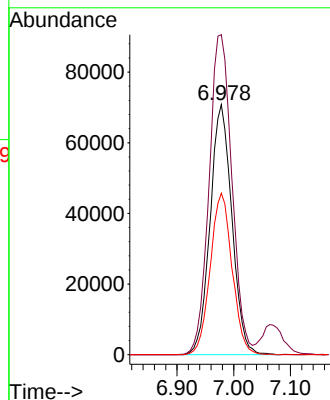
Carlone

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Supervised By :Mahesh

Dadoda

07/07/2023



#28

Bromochloromethane

Concen: 48.014 ug/l

RT: 7.326 min Scan# 903

Delta R.T. -0.005 min

Lab File: VY014576.D

Acq: 06 Jul 2023 09:48

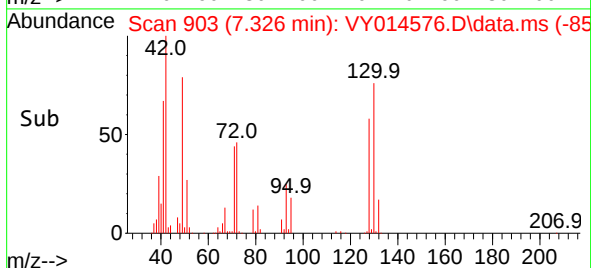
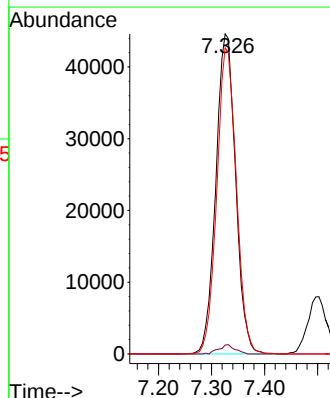
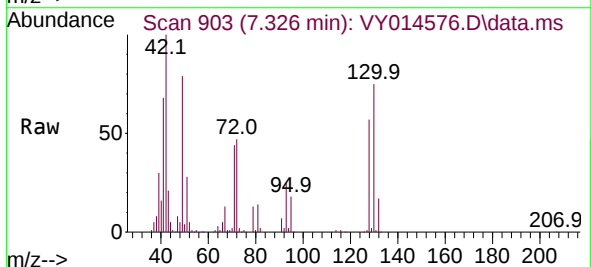
Tgt Ion: 49 Resp: 115274

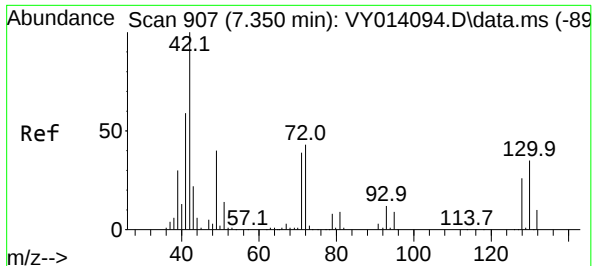
Ion Ratio Lower Upper

49 100

129 2.4 0.0 4.6

130 94.7 60.7 91.1#





#29

Tetrahydrofuran

Concen: 236.756 ug/l

RT: 7.344 min Scan# 907

Delta R.T. -0.006 min

Lab File: VY014576.D

Acq: 06 Jul 2023 09:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 21962

Ion	Ratio	Lower	Upper
42	100		
72	49.5	32.8	49.2
71	46.8	31.0	46.4

Manual Integrations

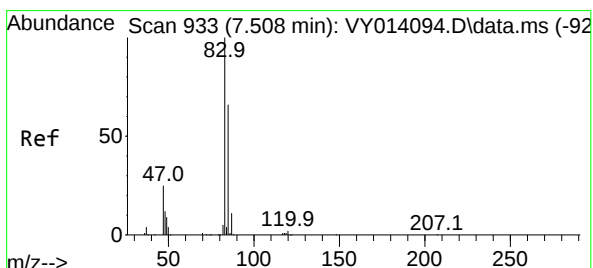
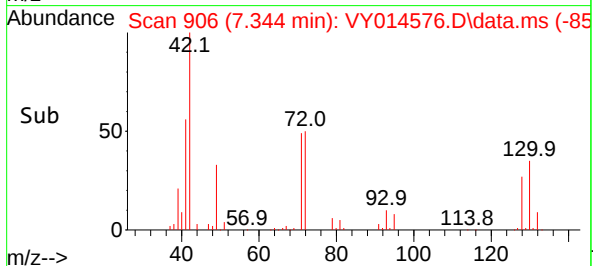
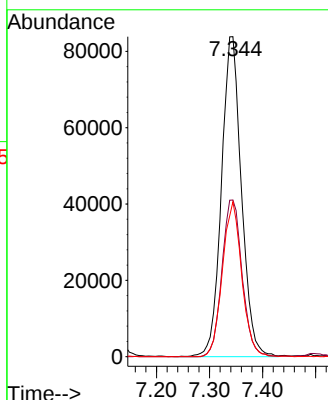
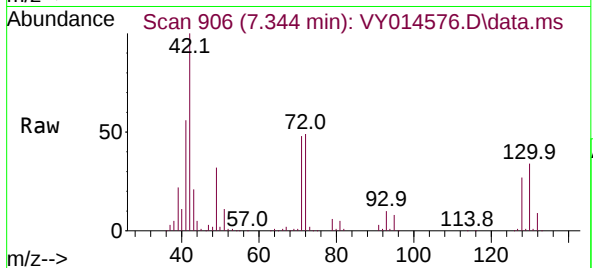
APPROVED

Reviewed By :John
Carlone

07/07/2023

Supervised By :Mahesh
Dadoda

07/07/2023



#30

Chloroform

Concen: 49.868 ug/l

RT: 7.496 min Scan# 931

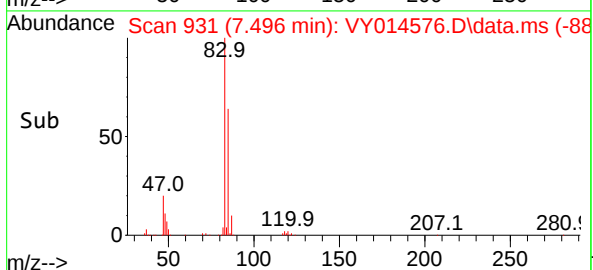
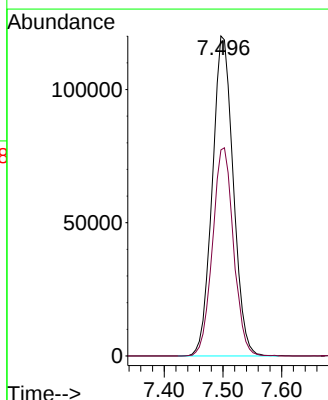
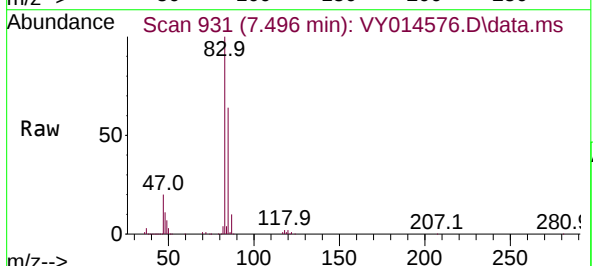
Delta R.T. -0.012 min

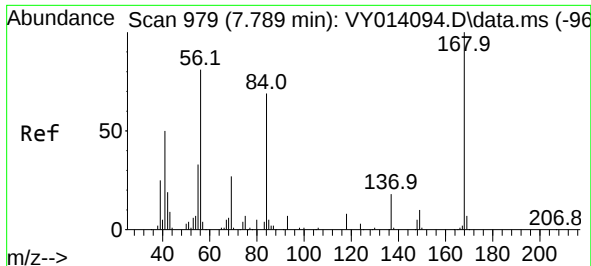
Lab File: VY014576.D

Acq: 06 Jul 2023 09:48

Tgt Ion: 83 Resp: 297428

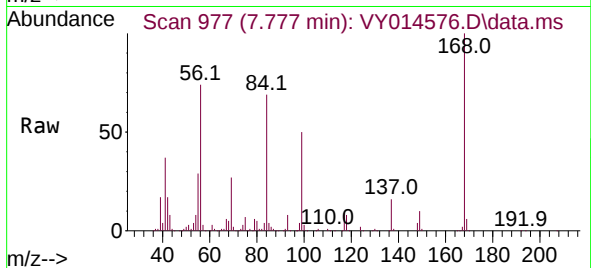
Ion	Ratio	Lower	Upper
83	100		
85	64.4	49.7	74.5





#31
Cyclohexane
Concen: 47.543 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY014576.D
Acq: 06 Jul 2023 09:48

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



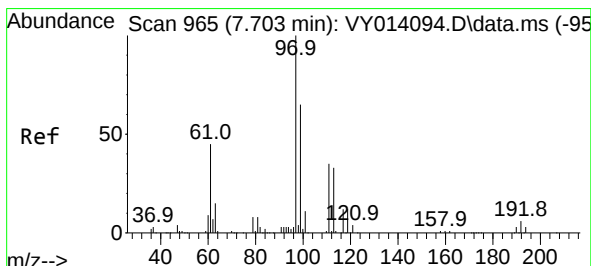
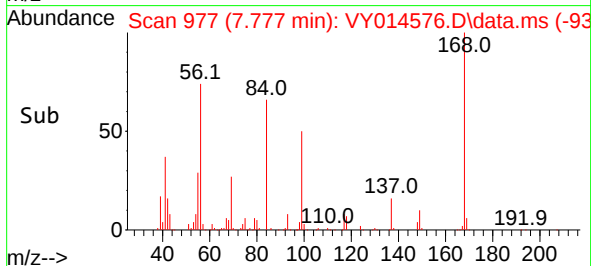
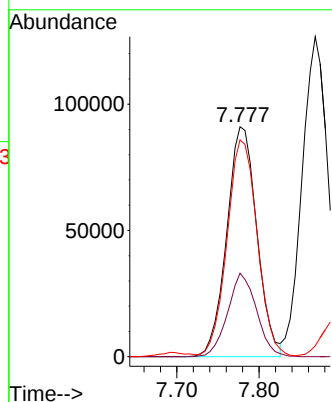
Tgt Ion: 56 Resp: 23198
Ion Ratio Lower Upper
56 100
69 36.1 27.8 41.6
84 92.9 66.4 99.6

Manual Integrations
APPROVED

Reviewed By :John
Carlone

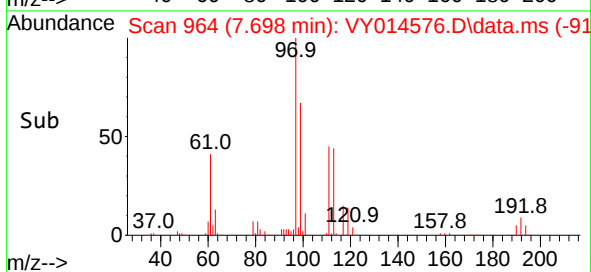
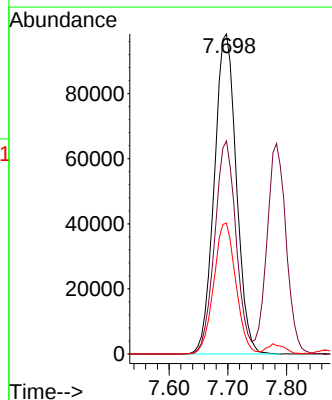
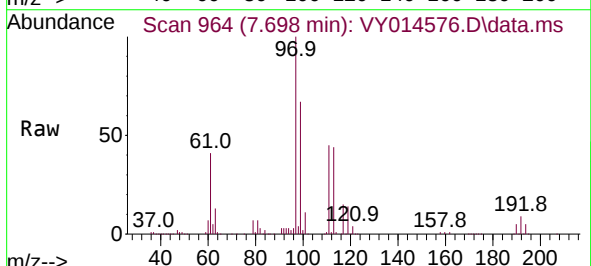
07/07/2023
Supervised By :Mahesh
Dadoda

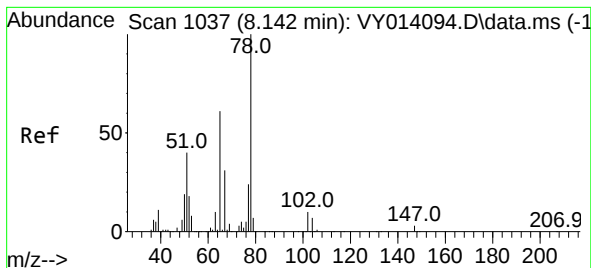
07/07/2023



#32
1,1,1-Trichloroethane
Concen: 50.342 ug/l
RT: 7.698 min Scan# 964
Delta R.T. -0.005 min
Lab File: VY014576.D
Acq: 06 Jul 2023 09:48

Tgt Ion: 97 Resp: 256651
Ion Ratio Lower Upper
97 100
99 64.6 50.8 76.2
61 40.9 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 49.087 ug/l

RT: 8.137 min Scan# 1036

Delta R.T. -0.005 min

Lab File: VY014576.D

Acq: 06 Jul 2023 09:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 152672

Ion Ratio Lower Upper

65 100

67 54.4 0.0 101.8

Manual Integrations

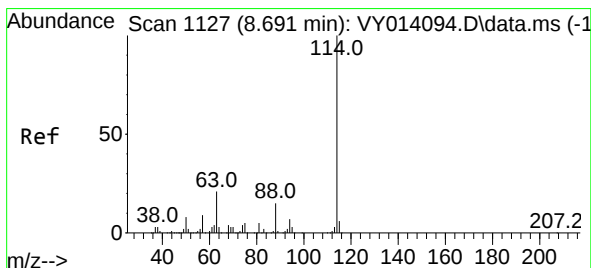
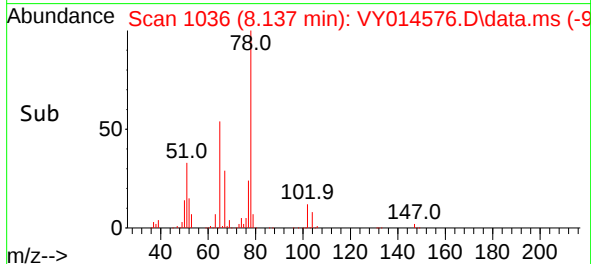
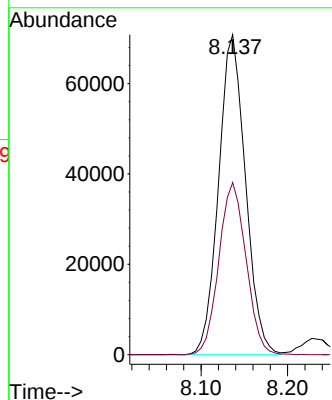
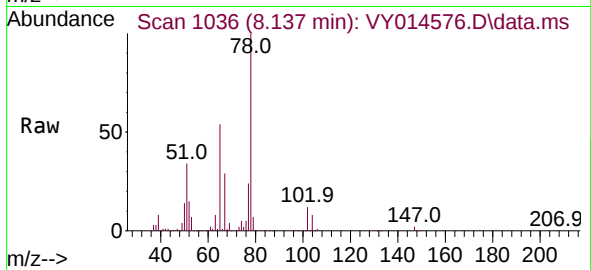
APPROVED

Reviewed By :John
Carlone

07/07/2023

Supervised By :Mahesh
Dadoda

07/07/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY014576.D

Acq: 06 Jul 2023 09:48

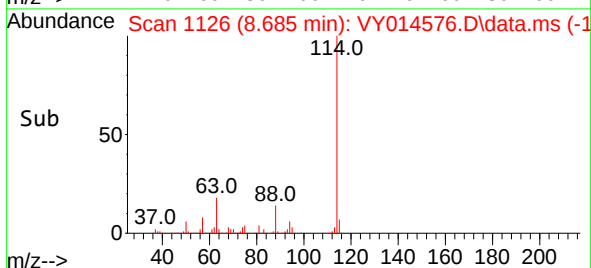
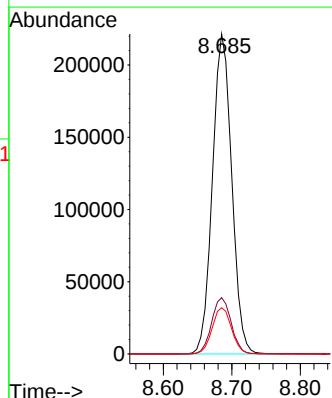
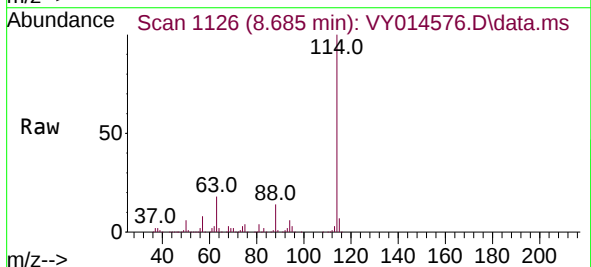
Tgt Ion:114 Resp: 432671

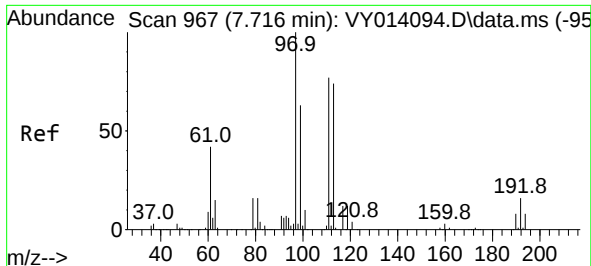
Ion Ratio Lower Upper

114 100

63 17.6 0.0 42.4

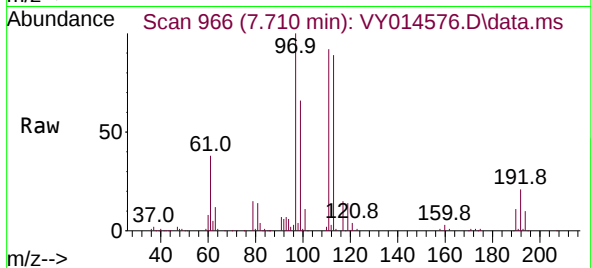
88 14.4 0.0 30.6





#35
Dibromofluoromethane
Concen: 56.209 ug/l
RT: 7.710 min Scan# 901
Delta R.T. -0.006 min
Lab File: VY014576.D
Acq: 06 Jul 2023 09:48

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



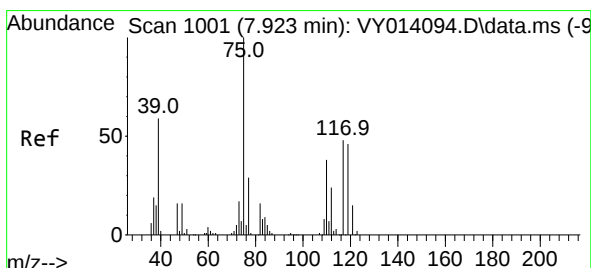
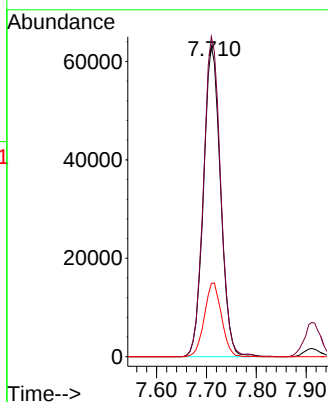
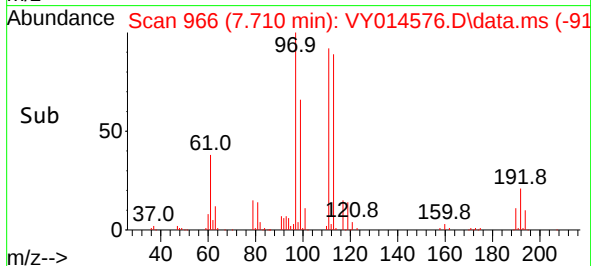
Tgt Ion:113 Resp: 14976
Ion Ratio Lower Upper
113 100
111 103.5 81.3 121.9
192 23.9 16.9 25.3

Manual Integrations
APPROVED

Reviewed By :John
Carlone

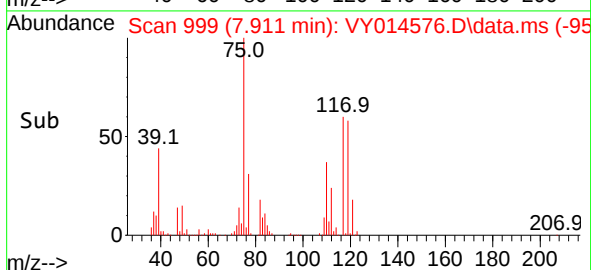
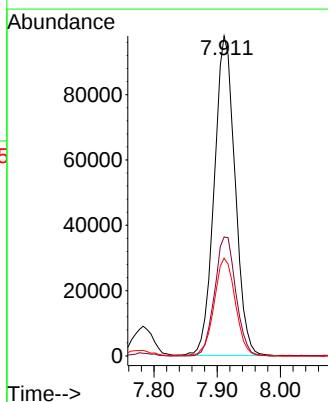
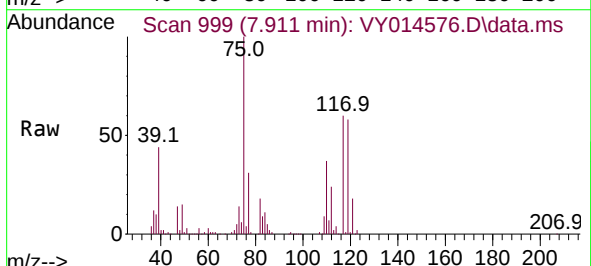
07/07/2023
Supervised By :Mahesh
Dadoda

07/07/2023



#36
1,1-Dichloropropene
Concen: 54.598 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.012 min
Lab File: VY014576.D
Acq: 06 Jul 2023 09:48

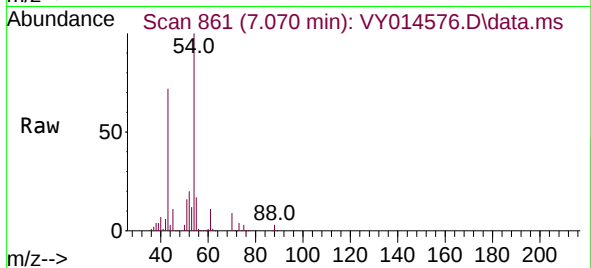
Tgt Ion: 75 Resp: 222774
Ion Ratio Lower Upper
75 100
110 38.1 17.8 53.5
77 31.3 24.4 36.6





#37
Ethyl Acetate
Concen: 50.361 ug/l
RT: 7.070 min Scan# 861
Delta R.T. -0.005 min
Lab File: VY014576.D
Acq: 06 Jul 2023 09:48

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



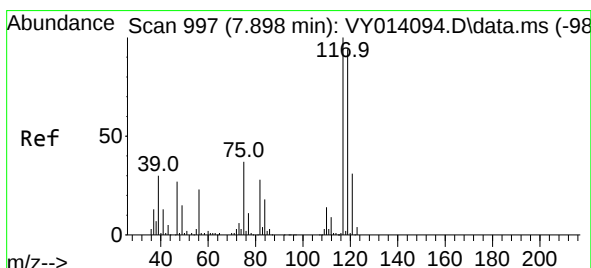
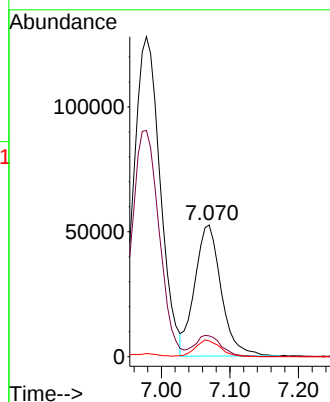
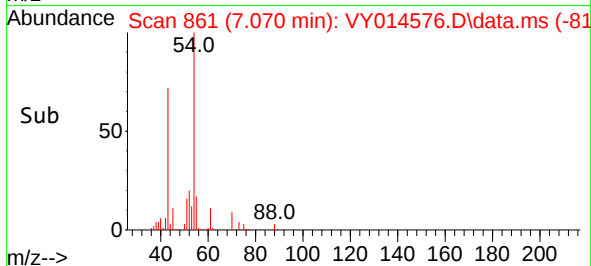
Tgt Ion: 43 Resp: 140924
Ion Ratio Lower Upper
43 100
61 16.2 10.1 15.1
70 12.0 7.1 10.7

Manual Integrations
APPROVED

Reviewed By :John
Carlone

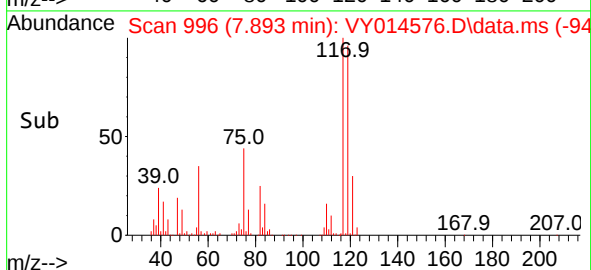
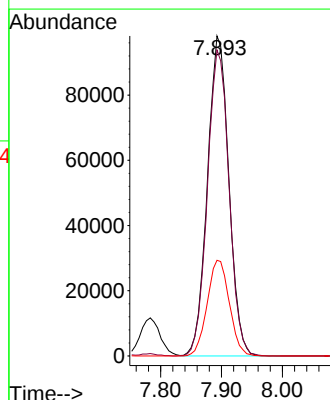
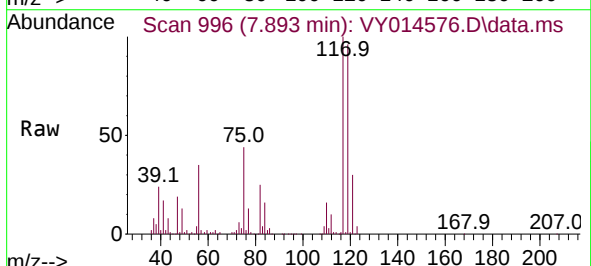
07/07/2023
Supervised By :Mahesh
Dadoda

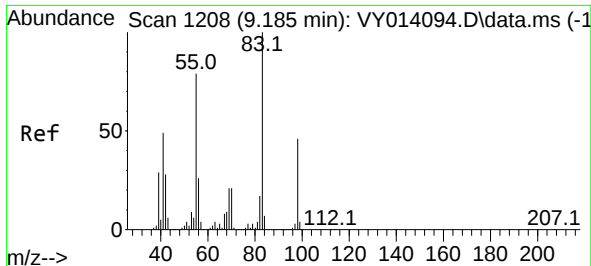
07/07/2023



#38
Carbon Tetrachloride
Concen: 56.365 ug/l
RT: 7.893 min Scan# 996
Delta R.T. -0.005 min
Lab File: VY014576.D
Acq: 06 Jul 2023 09:48

Tgt Ion:117 Resp: 240082
Ion Ratio Lower Upper
117 100
119 95.6 76.4 114.6
121 29.9 25.8 38.6





#39

Methylcyclohexane

Concen: 56.342 ug/l

RT: 9.179 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY014576.D

Acq: 06 Jul 2023 09:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 274780

Ion	Ratio	Lower	Upper
83	100		
55	69.6	63.0	94.4
98	46.8	37.4	56.2

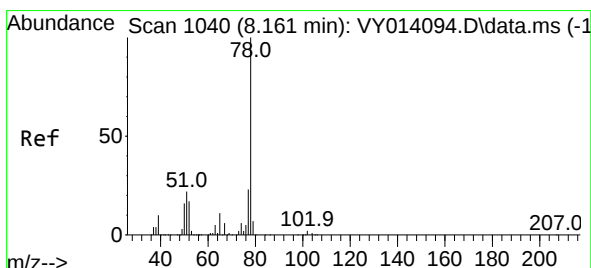
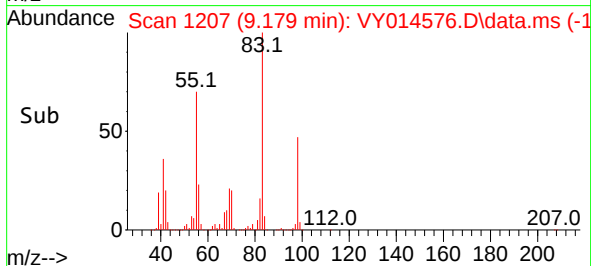
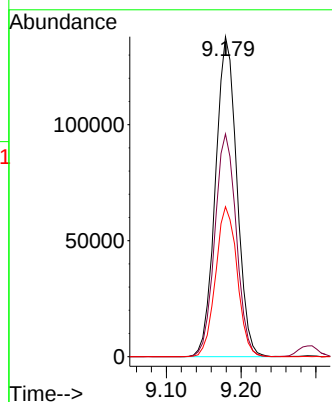
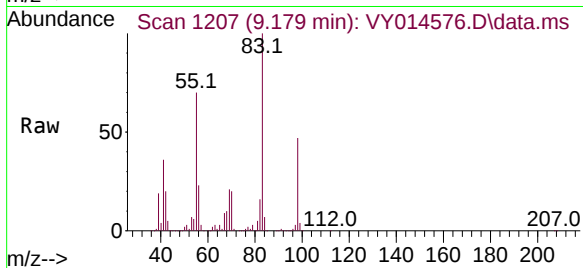
Manual Integrations
APPROVED

Reviewed By :John
Carlone

07/07/2023

Supervised By :Mahesh
Dadoda

07/07/2023



#40

Benzene

Concen: 52.224 ug/l

RT: 8.155 min Scan# 1039

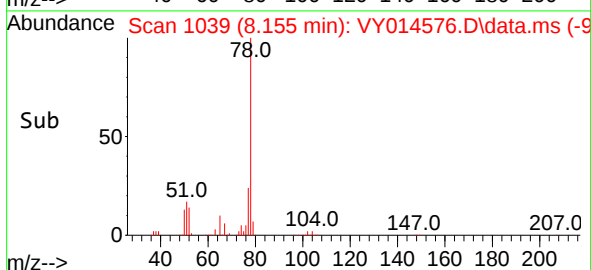
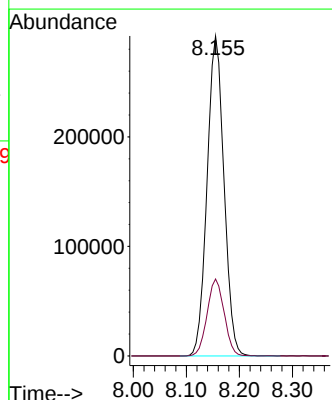
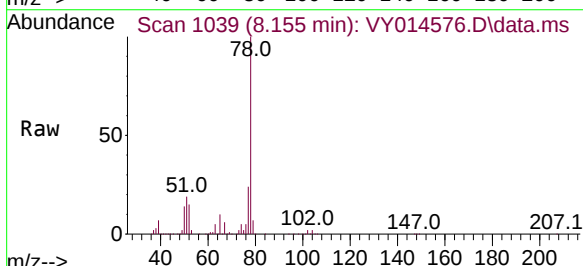
Delta R.T. -0.006 min

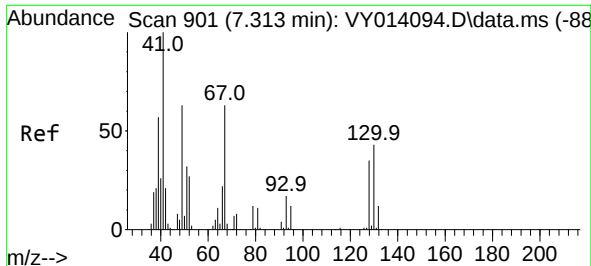
Lab File: VY014576.D

Acq: 06 Jul 2023 09:48

Tgt Ion: 78 Resp: 645033

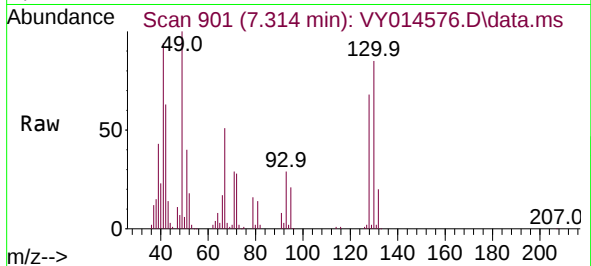
Ion	Ratio	Lower	Upper
78	100		
77	24.1	19.0	28.6





#41
Methacrylonitrile
Concen: 51.047 ug/l m
RT: 7.314 min Scan# 901
Delta R.T. 0.001 min
Lab File: VY014576.D
Acq: 06 Jul 2023 09:48

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



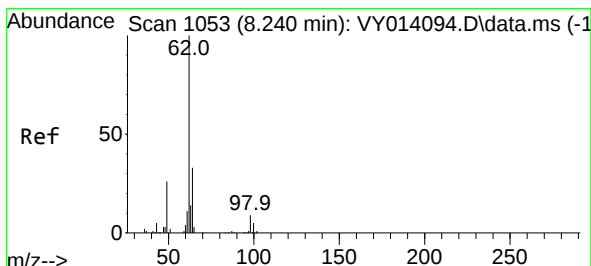
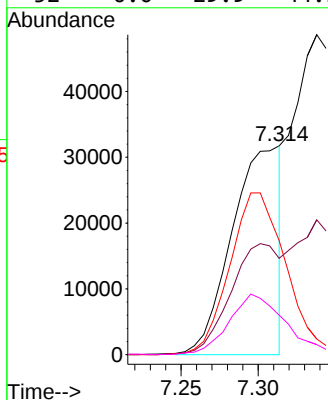
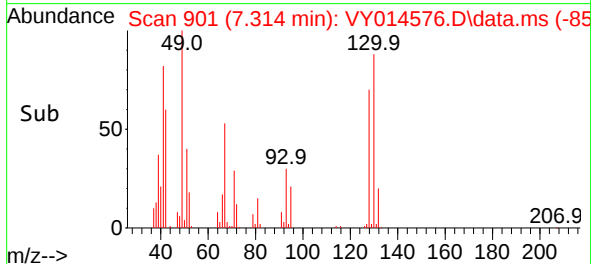
Tgt Ion:	41	Resp:	69784
Ion Ratio	Lower	Upper	
41	100		
39	0.0	52.1	78.1
67	0.0	66.2	99.2
52	0.0	29.9	44.9

Manual Integrations
APPROVED

Reviewed By :John
Carlone

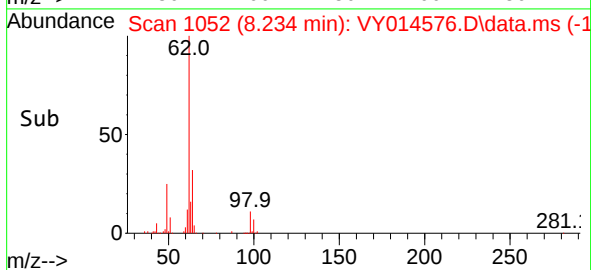
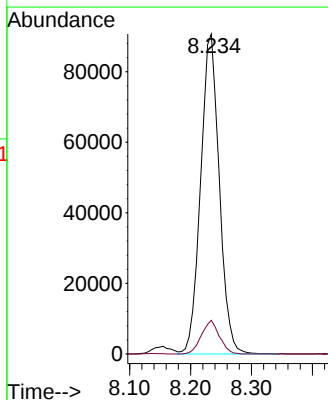
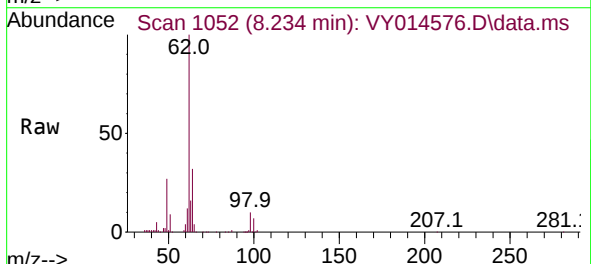
07/07/2023
Supervised By :Mahesh
Dadoda

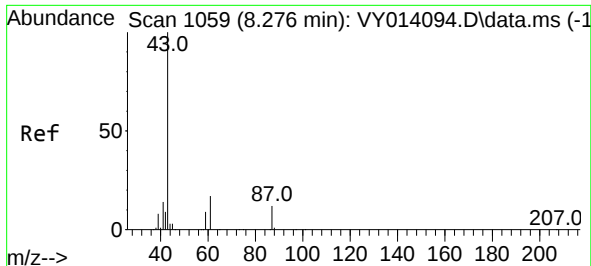
07/07/2023



#42
1,2-Dichloroethane
Concen: 53.173 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.006 min
Lab File: VY014576.D
Acq: 06 Jul 2023 09:48

Tgt Ion:	62	Resp:	193035
Ion Ratio	Lower	Upper	
62	100		
98	10.1	0.0	15.8





#43

Isopropyl Acetate

Concen: 50.882 ug/l

RT: 8.271 min Scan# 1058

Delta R.T. -0.005 min

Lab File: VY014576.D

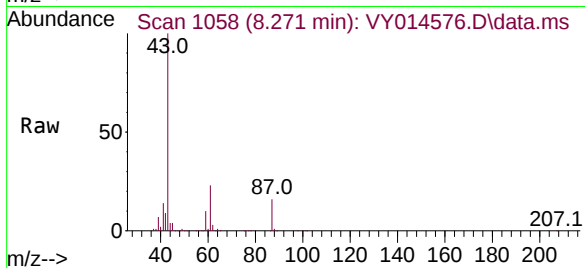
Acq: 06 Jul 2023 09:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050



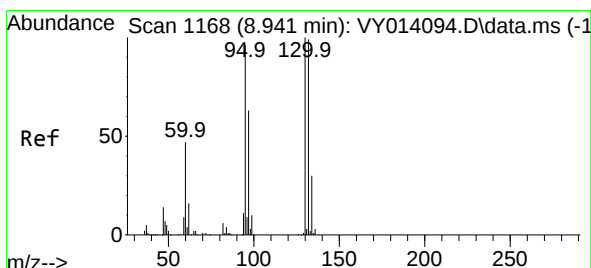
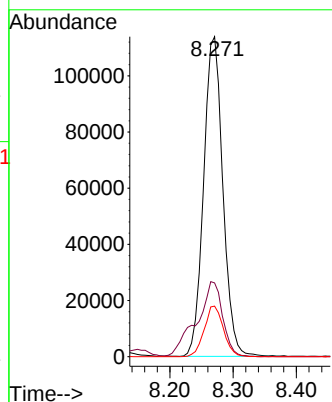
Tgt Ion:	43	Resp:	241289
Ion	Ratio	Lower	Upper
43	100		
61	31.8	21.1	31.7
87	15.9	9.8	14.8

Manual Integrations
APPROVED

Reviewed By :John
Carlone

07/07/2023
Supervised By :Mahesh
Dadoda

07/07/2023



#44

Trichloroethene

Concen: 54.875 ug/l

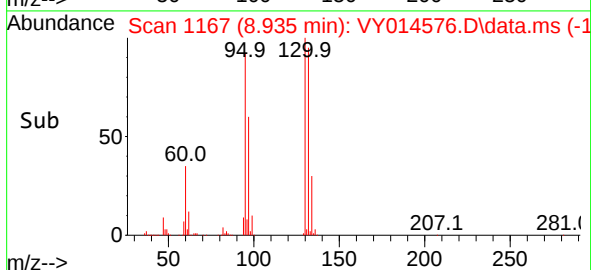
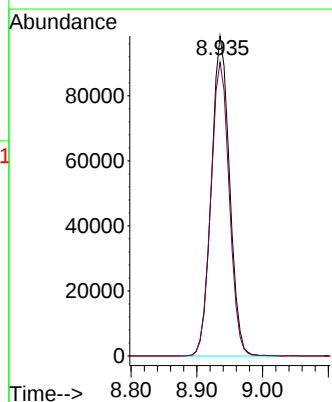
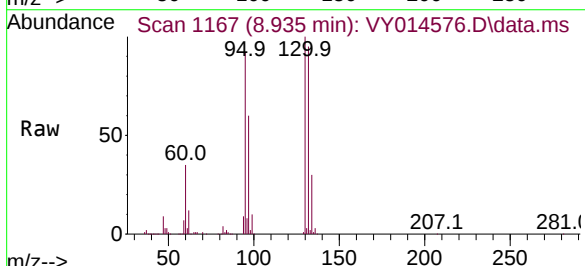
RT: 8.935 min Scan# 1167

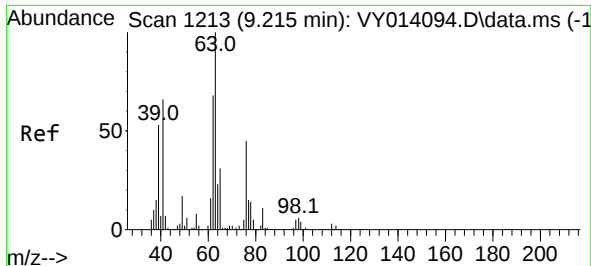
Delta R.T. -0.006 min

Lab File: VY014576.D

Acq: 06 Jul 2023 09:48

Tgt Ion:	130	Resp:	188955
Ion	Ratio	Lower	Upper
130	100		
95	91.8	0.0	196.0





#45

1,2-Dichloropropane

Concen: 52.815 ug/l

RT: 9.210 min Scan# 1212

Delta R.T. -0.005 min

Lab File: VY014576.D

Acq: 06 Jul 2023 09:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 16734

Ion Ratio Lower Upper

63 100

65 31.2 23.8 35.6

Manual Integrations

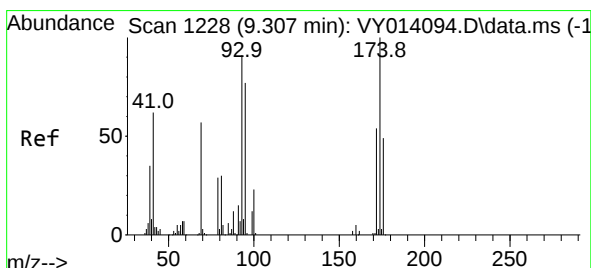
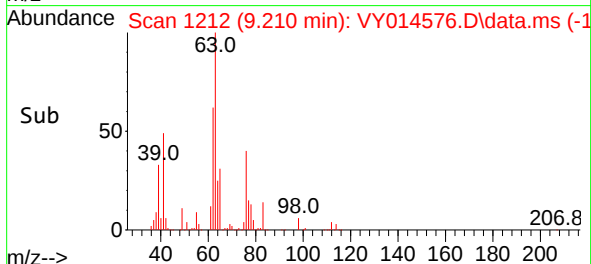
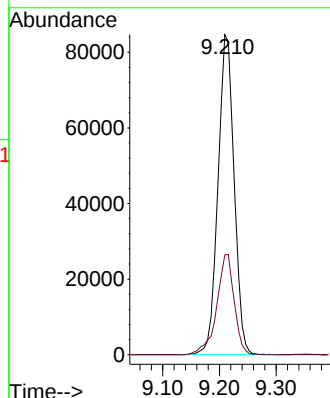
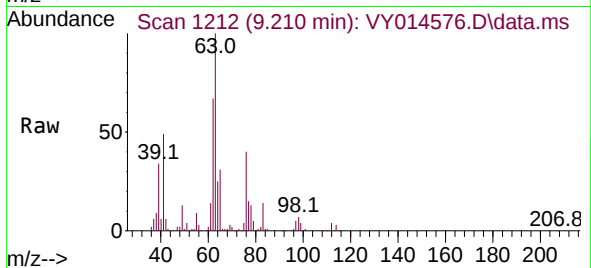
APPROVED

Reviewed By :John
Carlone

07/07/2023

Supervised By :Mahesh
Dadoda

07/07/2023



#46

Dibromomethane

Concen: 54.694 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.006 min

Lab File: VY014576.D

Acq: 06 Jul 2023 09:48

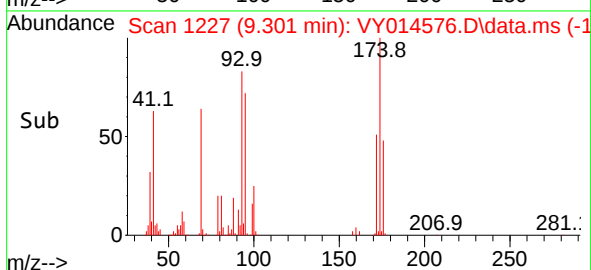
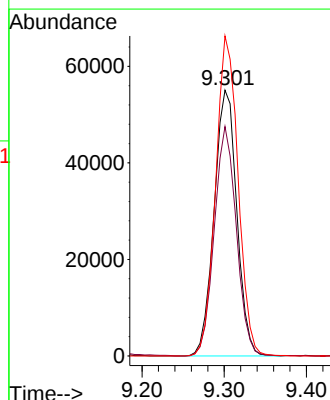
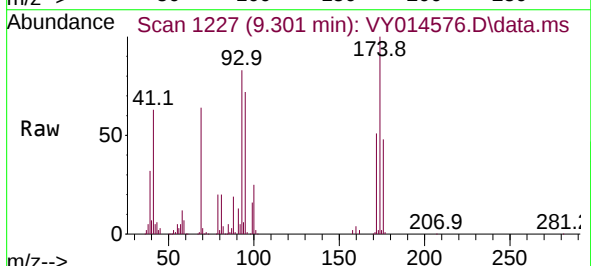
Tgt Ion: 93 Resp: 105503

Ion Ratio Lower Upper

93 100

95 83.9 66.6 100.0

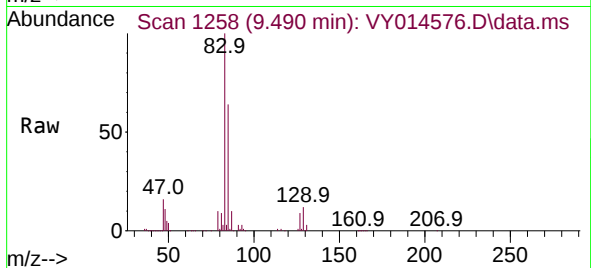
174 119.0 84.8 127.2





#47
Bromodichloromethane
Concen: 54.448 ug/l
RT: 9.490 min Scan# 1259
Delta R.T. -0.006 min
Lab File: VY014576.D
Acq: 06 Jul 2023 09:48

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



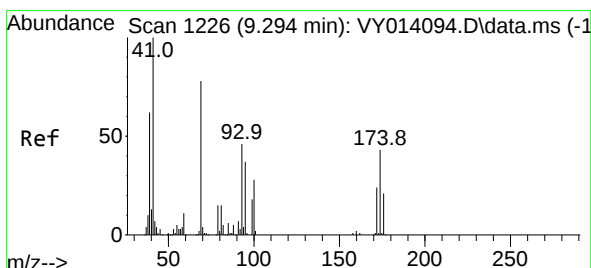
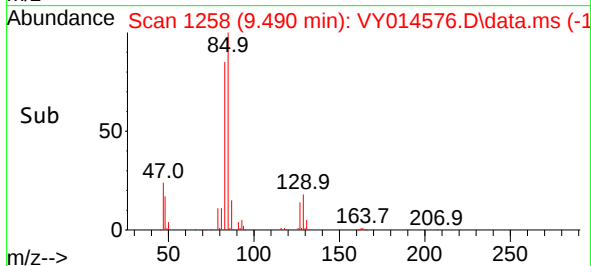
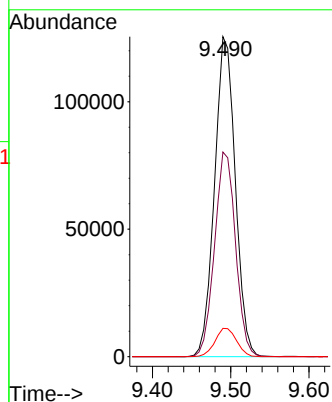
Tgt Ion: 83 Resp: 23141
Ion Ratio Lower Upper
83 100
85 63.9 50.1 75.1
127 8.9 7.1 10.7

Manual Integrations
APPROVED

Reviewed By :John
Carlone

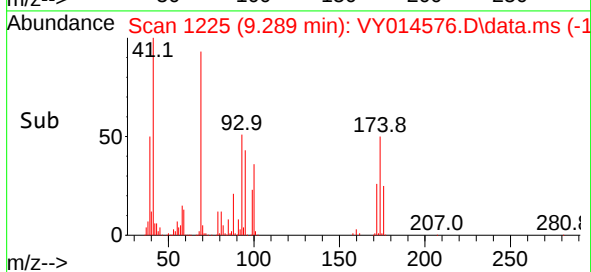
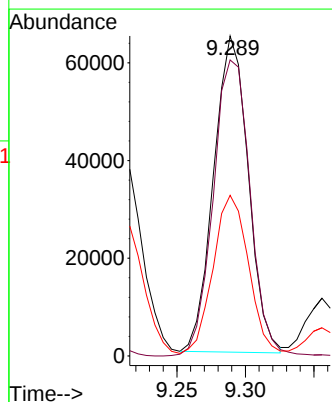
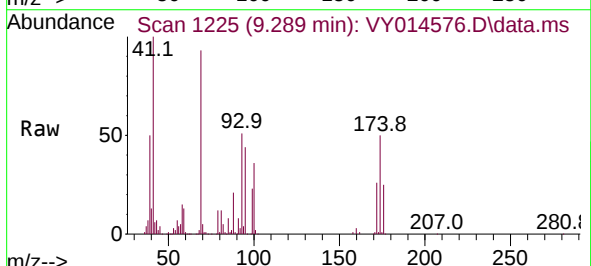
07/07/2023
Supervised By :Mahesh
Dadoda

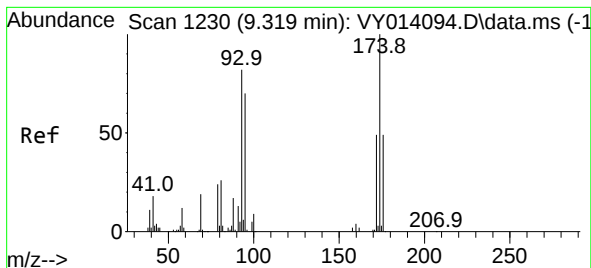
07/07/2023



#48
Methyl methacrylate
Concen: 52.690 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.005 min
Lab File: VY014576.D
Acq: 06 Jul 2023 09:48

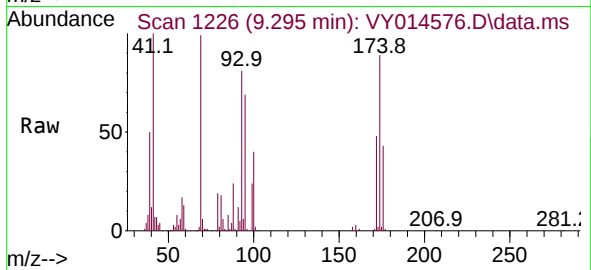
Tgt Ion: 41 Resp: 113623
Ion Ratio Lower Upper
41 100
69 100.0 64.5 96.7#
39 51.1 50.8 76.2





#49
1,4-Dioxane
Concen: 1053.042 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. -0.024 min
Lab File: VY014576.D
Acq: 06 Jul 2023 09:48

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



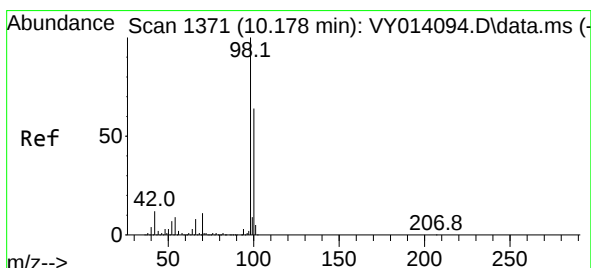
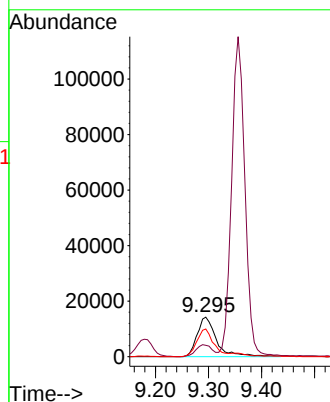
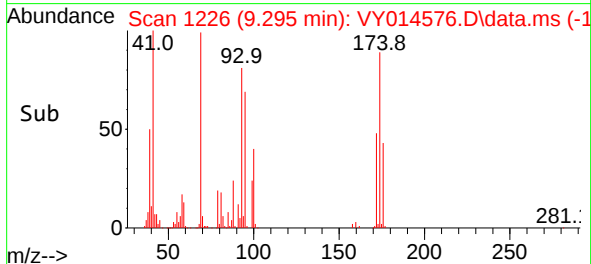
Tgt Ion: 88 Resp: 36272
Ion Ratio Lower Upper
88 100
43 24.9 0.0 0.0
58 60.5 30.9 46.3

Manual Integrations
APPROVED

Reviewed By :John
Carlone

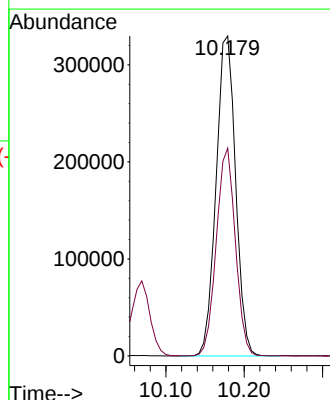
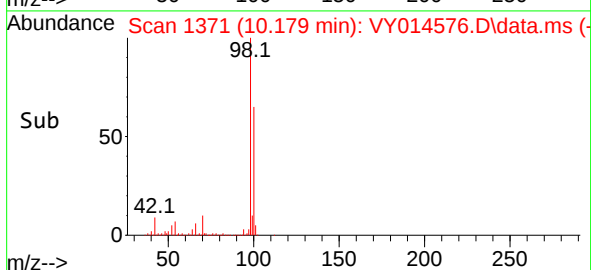
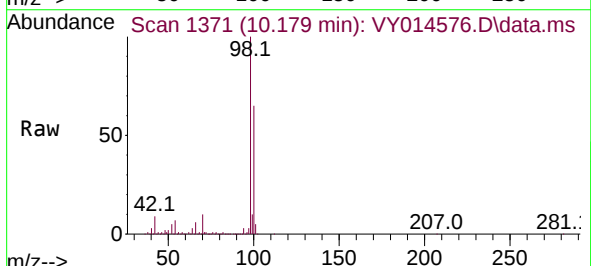
07/07/2023
Supervised By :Mahesh
Dadoda

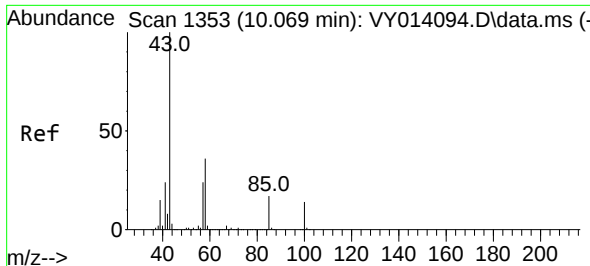
07/07/2023



#50
Toluene-d8
Concen: 54.234 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.001 min
Lab File: VY014576.D
Acq: 06 Jul 2023 09:48

Tgt Ion: 98 Resp: 571236
Ion Ratio Lower Upper
98 100
100 63.5 50.1 75.1





#51
4-Methyl-2-Pentanone
Concen: 257.889 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY014576.D
Acq: 06 Jul 2023 09:48

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

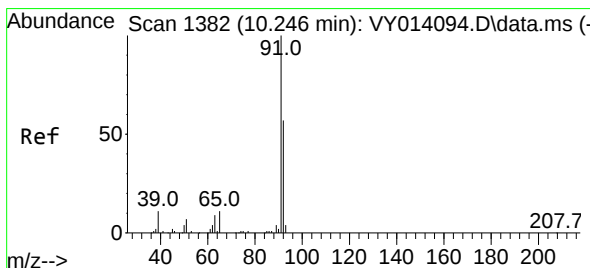
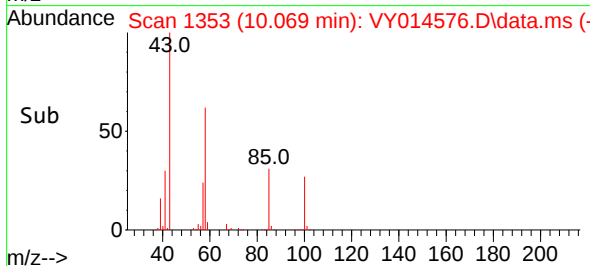
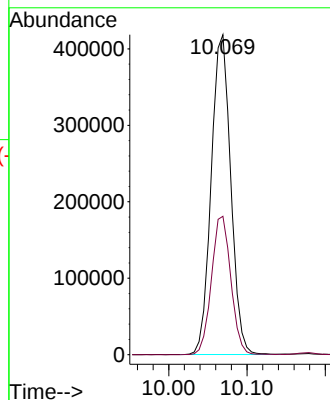
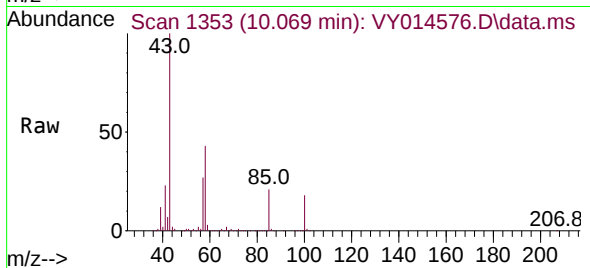
Tgt Ion: 43 Resp: 724012
Ion Ratio Lower Upper
43 100
58 43.0 29.0 43.6

Manual Integrations
APPROVED

Reviewed By :John
Carlone

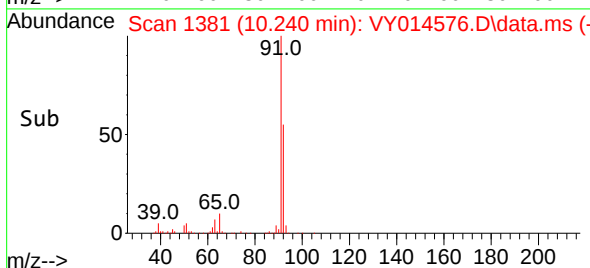
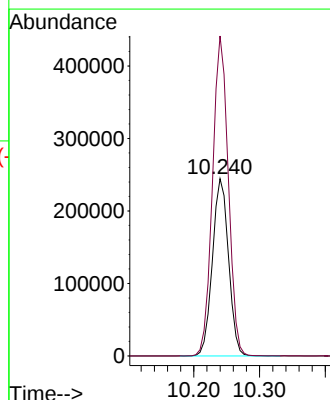
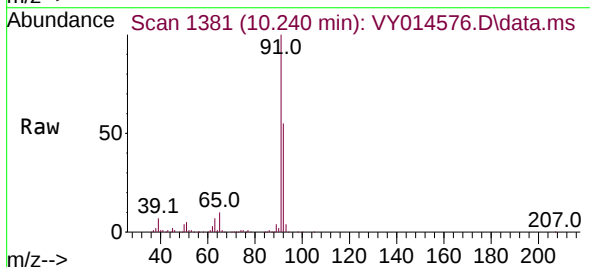
07/07/2023
Supervised By :Mahesh
Dadoda

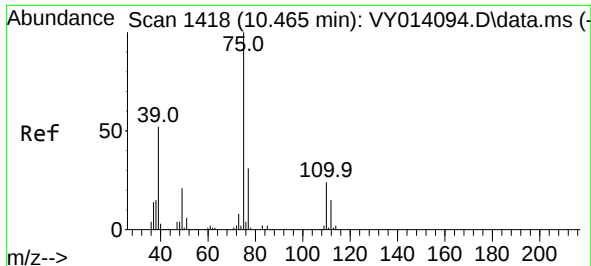
07/07/2023



#52
Toluene
Concen: 53.506 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.006 min
Lab File: VY014576.D
Acq: 06 Jul 2023 09:48

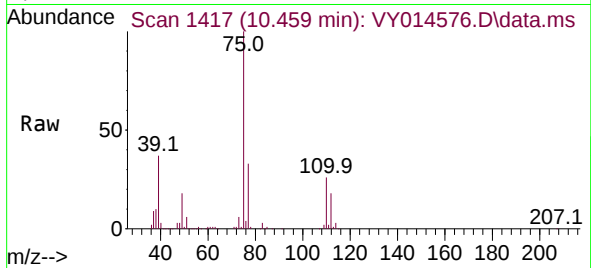
Tgt Ion: 92 Resp: 415872
Ion Ratio Lower Upper
92 100
91 177.5 143.8 215.6





#53
 t-1,3-Dichloropropene
 Concen: 54.033 ug/l
 RT: 10.459 min Scan# 1418
 Delta R.T. -0.006 min
 Lab File: VY014576.D
 Acq: 06 Jul 2023 09:48

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050



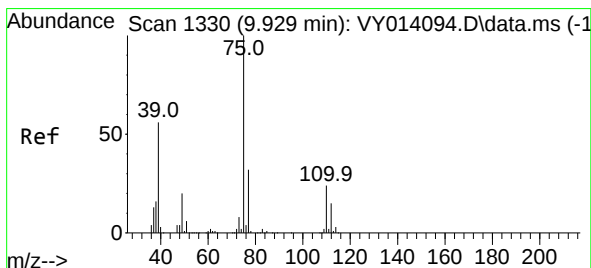
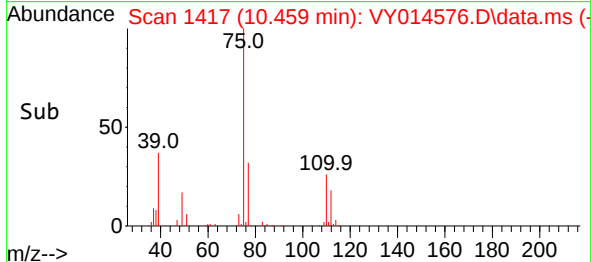
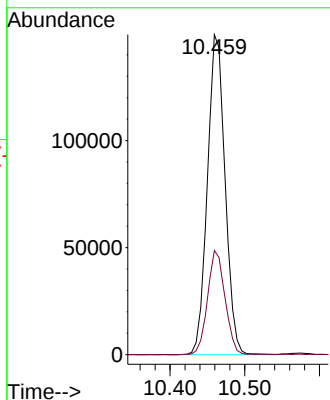
Tgt Ion: 75 Resp: 24557
 Ion Ratio Lower Upper
 75 100
 77 32.5 25.0 37.4

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

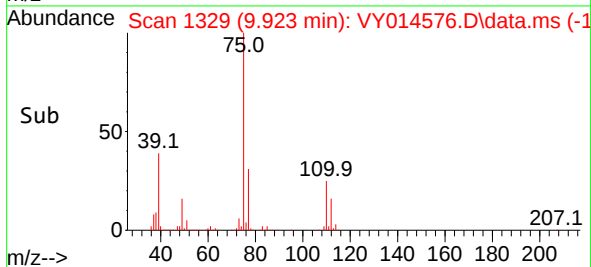
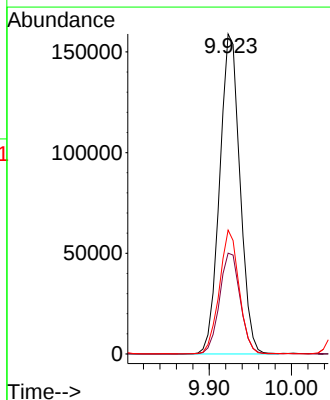
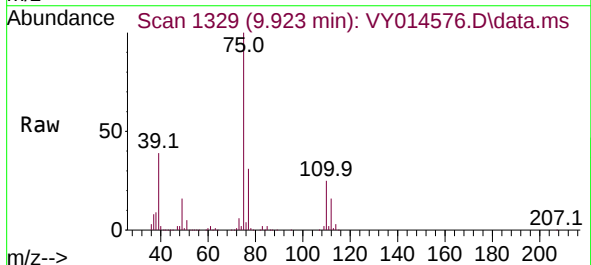
07/07/2023
 Supervised By :Mahesh
 Dadoda

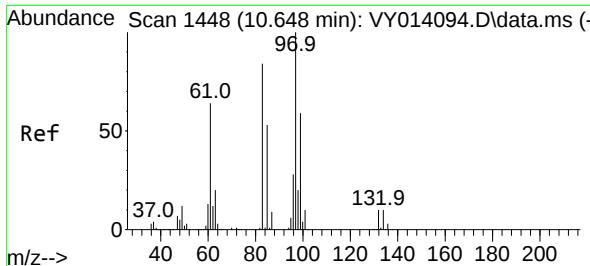
07/07/2023



#54
 cis-1,3-Dichloropropene
 Concen: 53.847 ug/l
 RT: 9.923 min Scan# 1329
 Delta R.T. -0.006 min
 Lab File: VY014576.D
 Acq: 06 Jul 2023 09:48

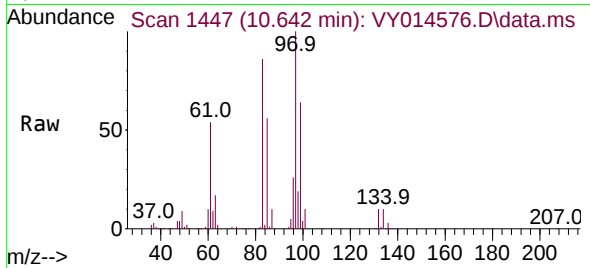
Tgt Ion: 75 Resp: 273057
 Ion Ratio Lower Upper
 75 100
 77 31.5 24.2 36.4
 39 38.6 42.2 63.4#





#55
1,1,2-Trichloroethane
Concen: 53.437 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. -0.006 min
Lab File: VY014576.D
Acq: 06 Jul 2023 09:48

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



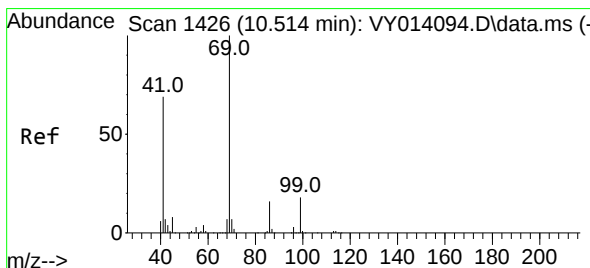
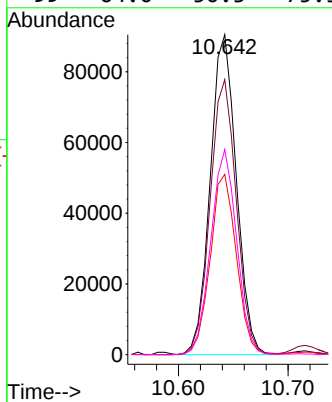
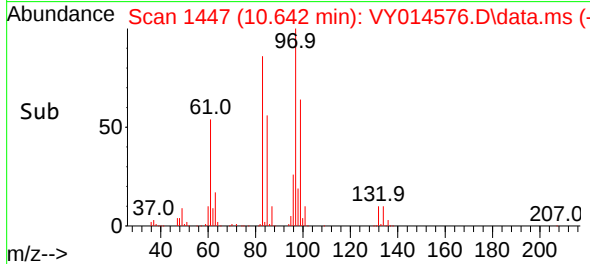
Tgt Ion: 97 Resp: 149980
Ion Ratio Lower Upper
97 100
83 85.9 72.0 108.0
85 56.3 45.4 68.0
99 64.0 50.3 75.5

Manual Integrations
APPROVED

Reviewed By :John
Carlone

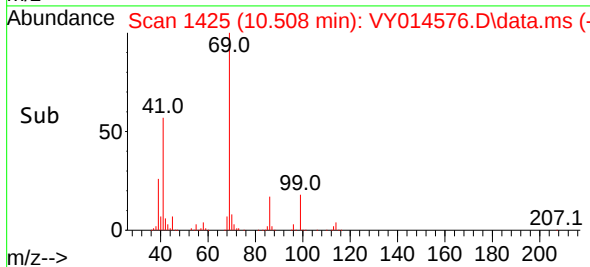
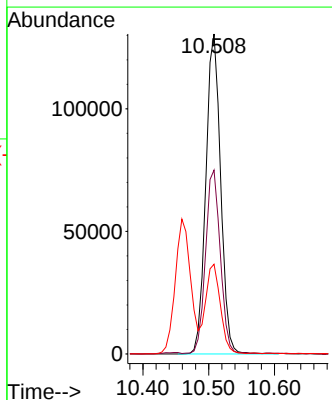
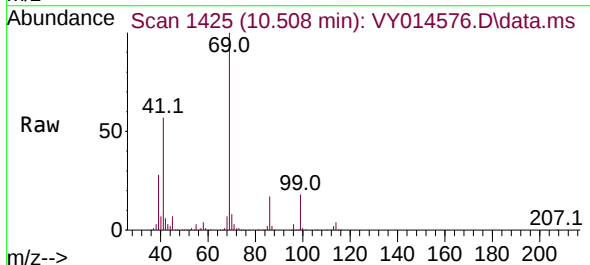
07/07/2023
Supervised By :Mahesh
Dadoda

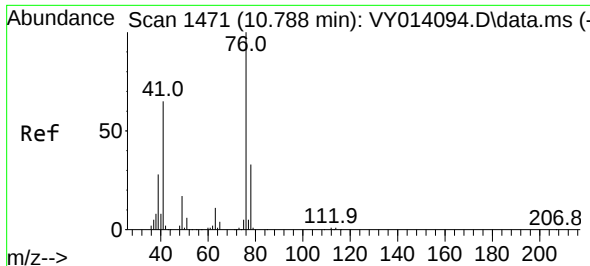
07/07/2023



#56
Ethyl methacrylate
Concen: 53.549 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.006 min
Lab File: VY014576.D
Acq: 06 Jul 2023 09:48

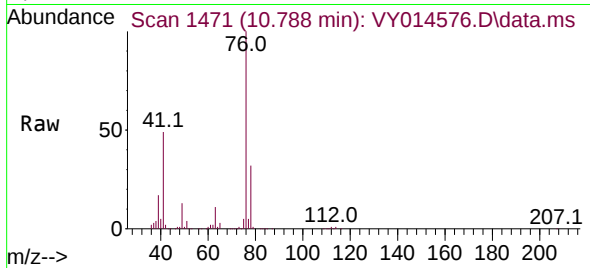
Tgt Ion: 69 Resp: 204454
Ion Ratio Lower Upper
69 100
41 56.9 57.6 86.4#
39 28.1 34.1 51.1#





#57
1,3-Dichloropropane
Concen: 53.084 ug/l
RT: 10.788 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VY014576.D
Acq: 06 Jul 2023 09:48

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



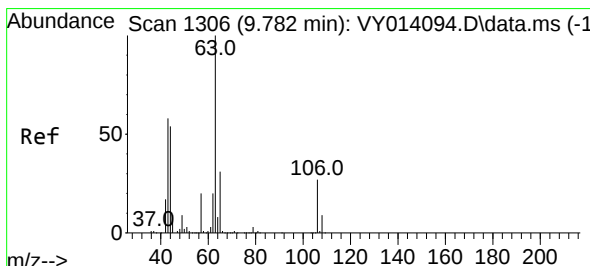
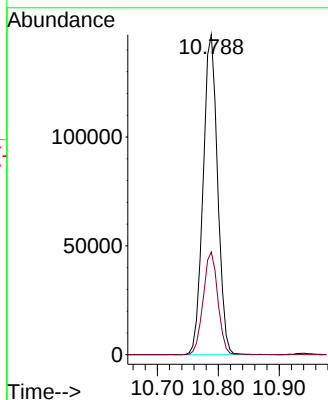
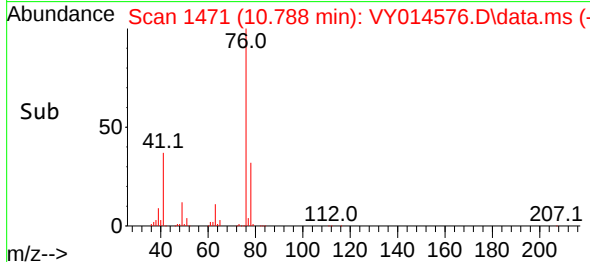
Tgt Ion: 76 Resp: 242773
Ion Ratio Lower Upper
76 100
78 32.5 25.3 37.9

Manual Integrations
APPROVED

Reviewed By :John
Carlone

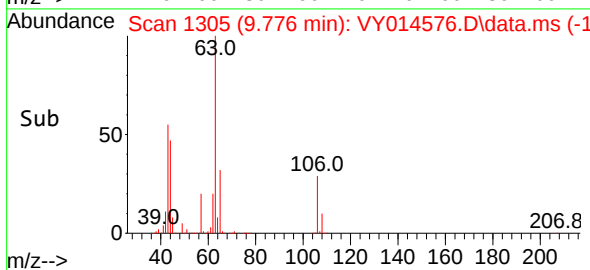
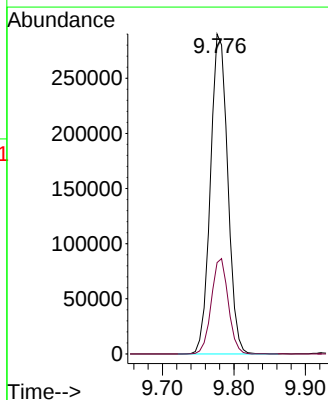
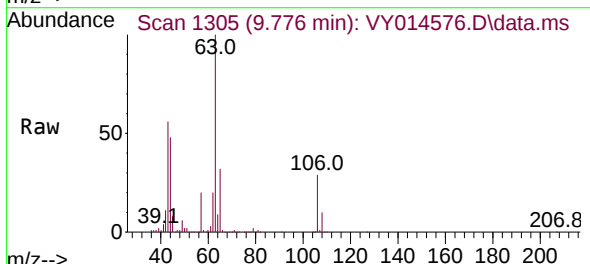
07/07/2023
Supervised By :Mahesh
Dadoda

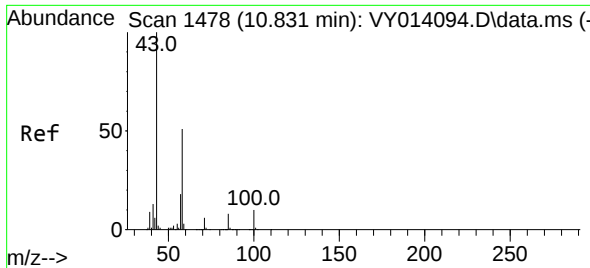
07/07/2023



#58
2-Chloroethyl Vinyl ether
Concen: 263.095 ug/l
RT: 9.776 min Scan# 1305
Delta R.T. -0.006 min
Lab File: VY014576.D
Acq: 06 Jul 2023 09:48

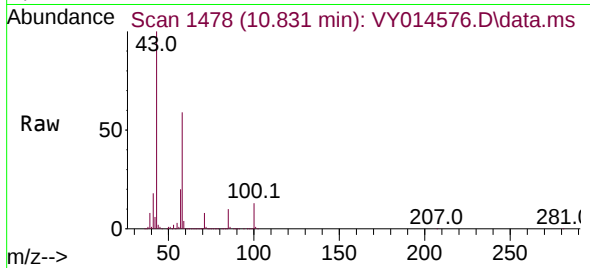
Tgt Ion: 63 Resp: 486642
Ion Ratio Lower Upper
63 100
106 29.1 21.2 31.8





#59
2-Hexanone
Concen: 266.087 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY014576.D
Acq: 06 Jul 2023 09:48

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



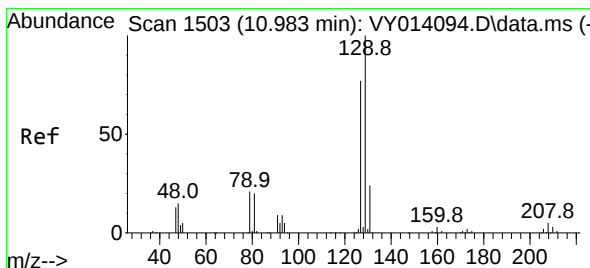
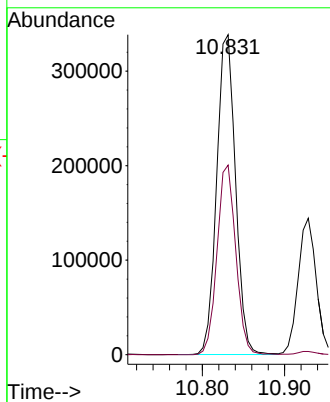
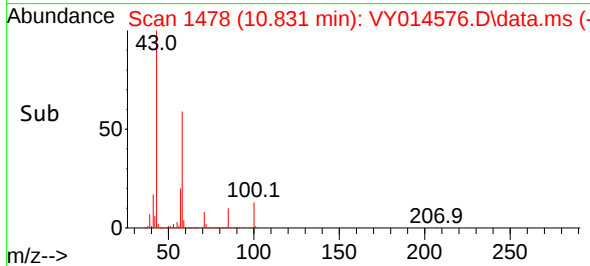
Tgt Ion: 43 Resp: 539623
Ion Ratio Lower Upper
43 100
58 58.9 25.1 75.3

Manual Integrations
APPROVED

Reviewed By :John
Carlone

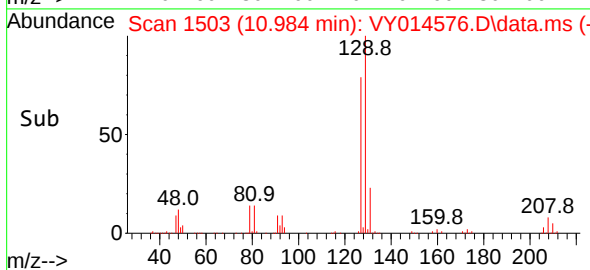
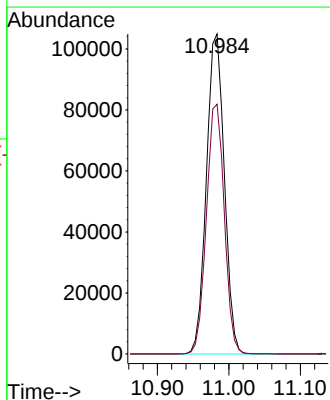
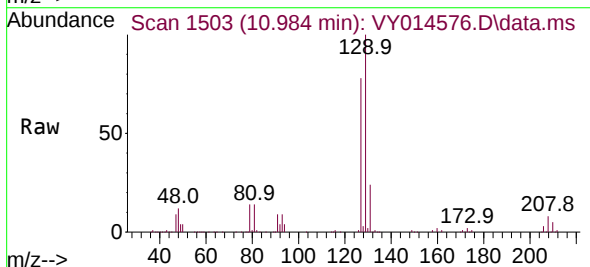
07/07/2023
Supervised By :Mahesh
Dadoda

07/07/2023



#60
Dibromochloromethane
Concen: 55.555 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.001 min
Lab File: VY014576.D
Acq: 06 Jul 2023 09:48

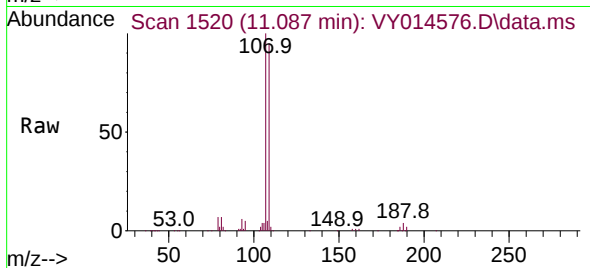
Tgt Ion:129 Resp: 182713
Ion Ratio Lower Upper
129 100
127 77.9 38.5 115.5





#61
1,2-Dibromoethane
Concen: 54.435 ug/l
RT: 11.087 min Scan# 1521
Delta R.T. -0.006 min
Lab File: VY014576.D
Acq: 06 Jul 2023 09:48

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



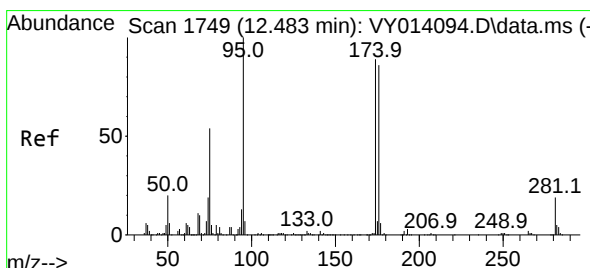
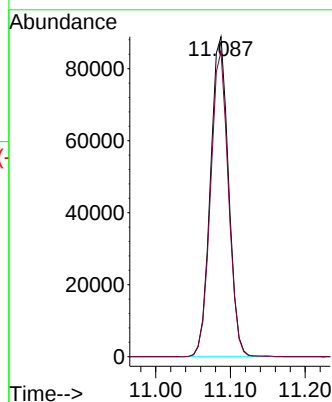
Tgt Ion:107 Resp: 14916
Ion Ratio Lower Upper
107 100
109 94.1 75.6 113.4

Manual Integrations
APPROVED

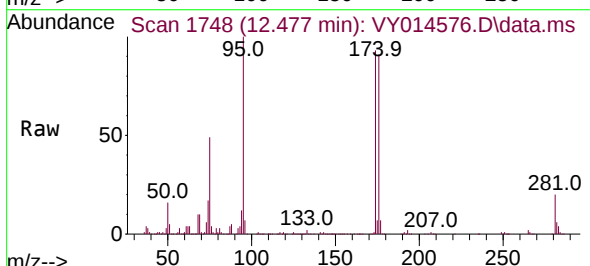
Reviewed By :John
Carlone

07/07/2023
Supervised By :Mahesh
Dadoda

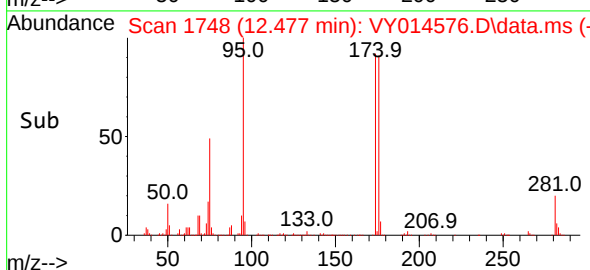
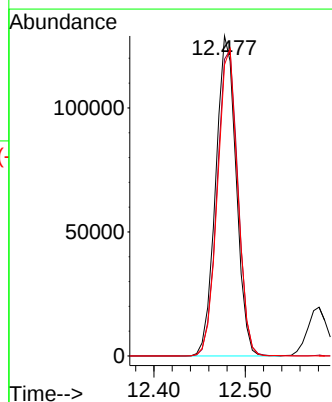
07/07/2023



#62
4-Bromofluorobenzene
Concen: 54.872 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY014576.D
Acq: 06 Jul 2023 09:48



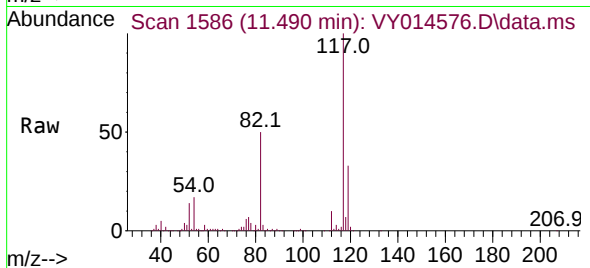
Tgt Ion: 95 Resp: 200690
Ion Ratio Lower Upper
95 100
174 97.2 0.0 178.2
176 94.8 0.0 173.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY014576.D
Acq: 06 Jul 2023 09:48

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



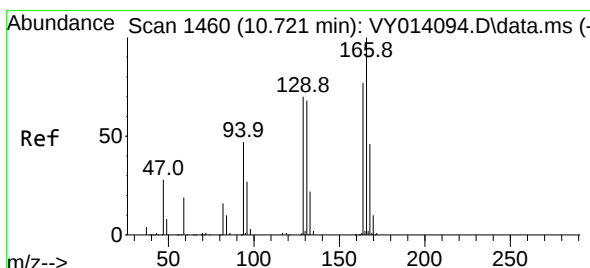
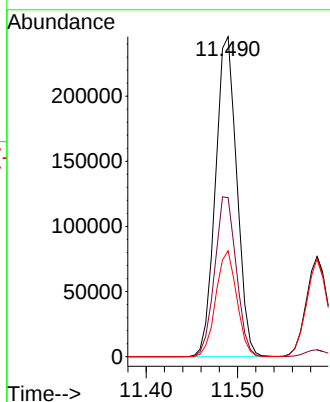
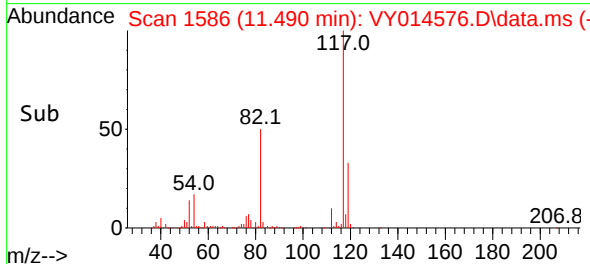
Tgt Ion:117 Resp: 39975
Ion Ratio Lower Upper
117 100
82 49.7 43.4 65.0
119 33.1 26.3 39.5

Manual Integrations
APPROVED

Reviewed By :John
Carlone

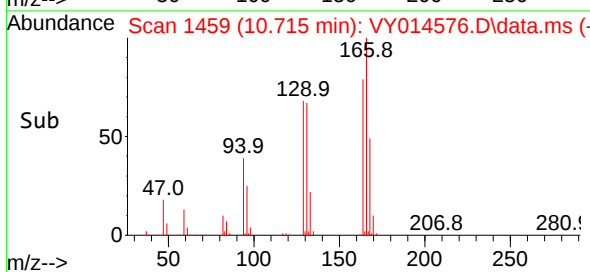
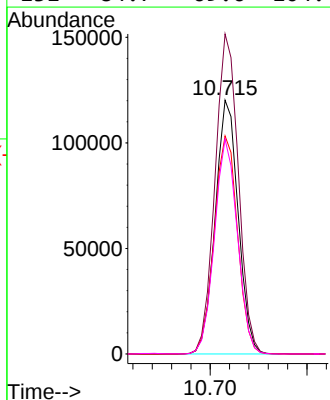
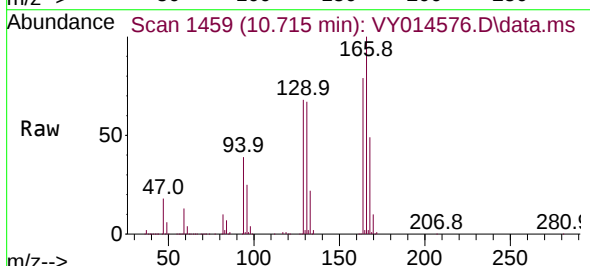
07/07/2023
Supervised By :Mahesh
Dadoda

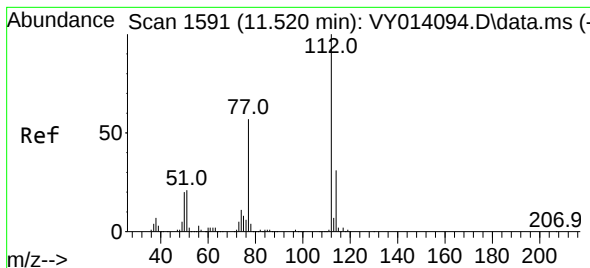
07/07/2023



#64
Tetrachloroethene
Concen: 55.454 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. -0.006 min
Lab File: VY014576.D
Acq: 06 Jul 2023 09:48

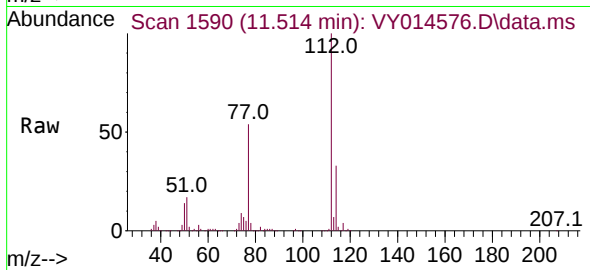
Tgt Ion:164 Resp: 198167
Ion Ratio Lower Upper
164 100
166 126.1 103.0 154.6
129 86.0 77.2 115.8
131 84.7 69.6 104.4





#65
Chlorobenzene
Concen: 54.502 ug/l
RT: 11.514 min Scan# 1591
Delta R.T. -0.006 min
Lab File: VY014576.D
Acq: 06 Jul 2023 09:48

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



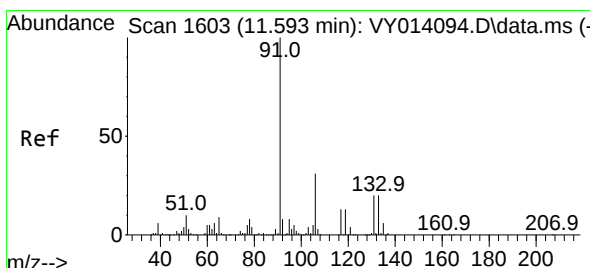
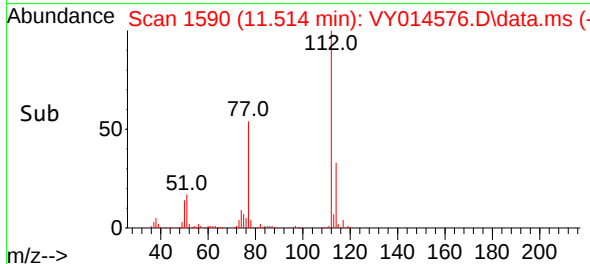
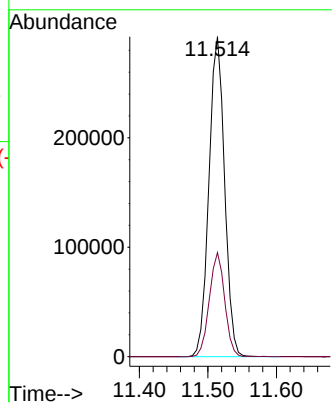
Tgt Ion:112 Resp: 46431
Ion Ratio Lower Upper
112 100
114 32.5 25.5 38.3

Manual Integrations
APPROVED

Reviewed By :John
Carlone

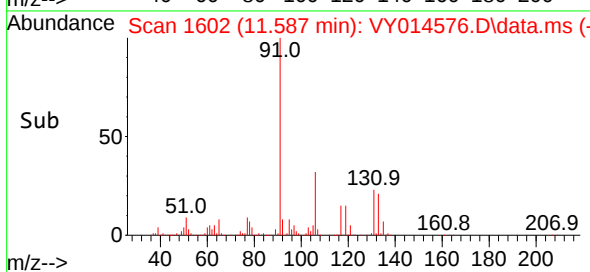
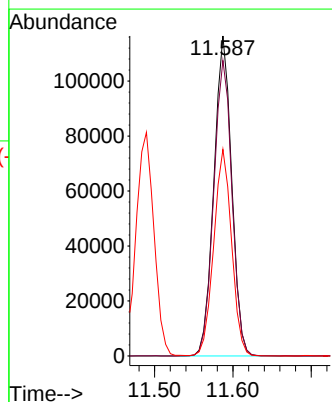
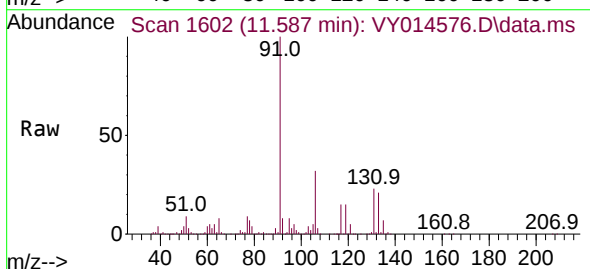
07/07/2023
Supervised By :Mahesh
Dadoda

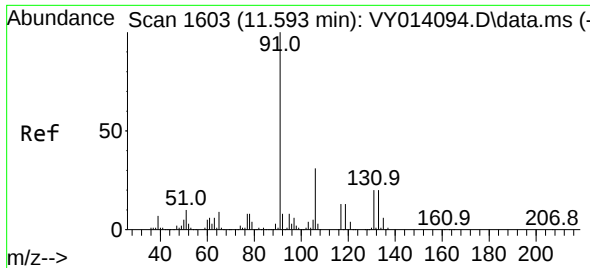
07/07/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 56.715 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.006 min
Lab File: VY014576.D
Acq: 06 Jul 2023 09:48

Tgt Ion:131 Resp: 183640
Ion Ratio Lower Upper
131 100
133 95.0 47.5 142.6
119 64.8 31.6 94.7





#67

Ethyl Benzene

Concen: 55.449 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. -0.006 min

Lab File: VY014576.D

Acq: 06 Jul 2023 09:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 80555

Ion Ratio Lower Upper

91 100

106 31.7 24.6 36.8

Manual Integrations

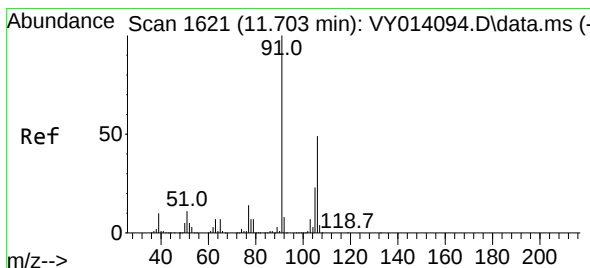
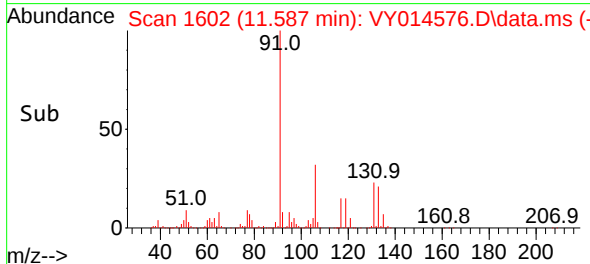
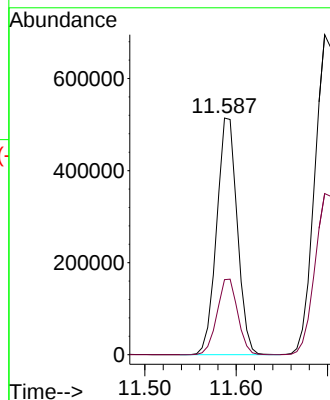
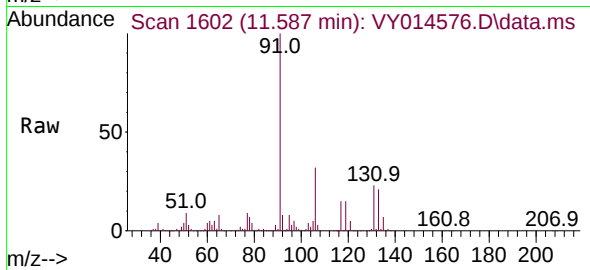
APPROVED

Reviewed By :John
Carlone

07/07/2023

Supervised By :Mahesh
Dadoda

07/07/2023



#68

m/p-Xylenes

Concen: 111.504 ug/l

RT: 11.697 min Scan# 1620

Delta R.T. -0.006 min

Lab File: VY014576.D

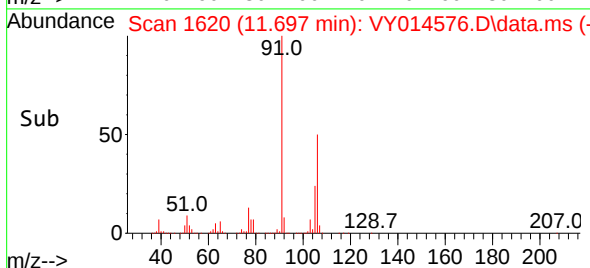
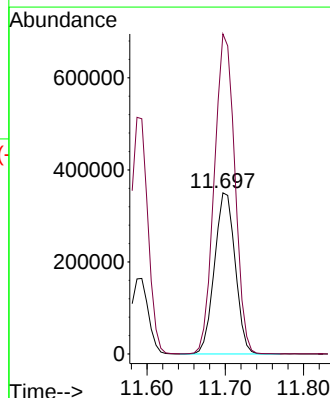
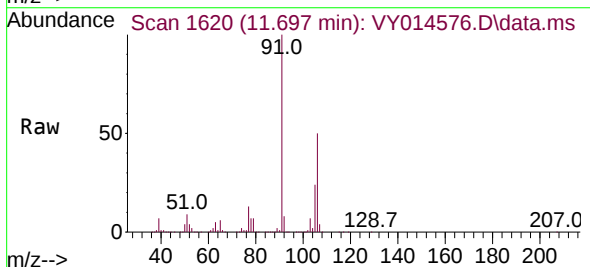
Acq: 06 Jul 2023 09:48

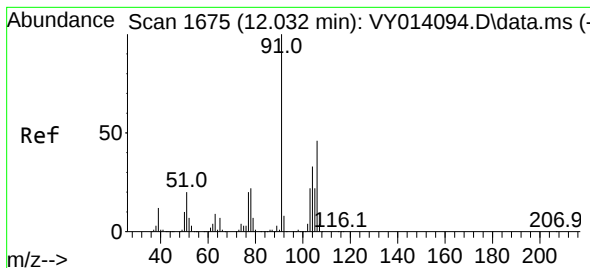
Tgt Ion:106 Resp: 642565

Ion Ratio Lower Upper

106 100

91 197.3 166.1 249.1





#69
o-Xylene
Concen: 55.017 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.006 min
Lab File: VY014576.D
Acq: 06 Jul 2023 09:48

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

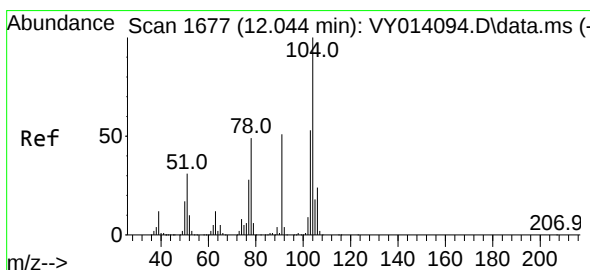
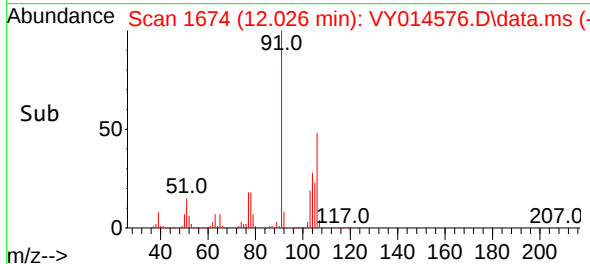
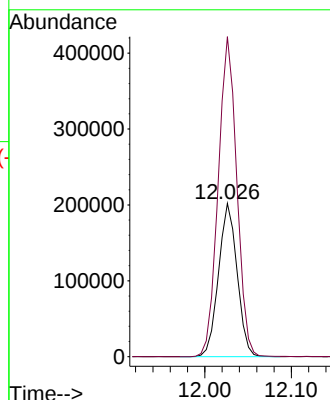
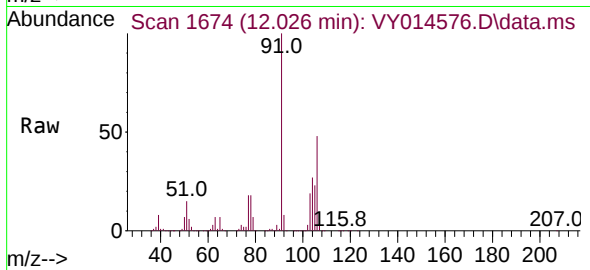
Tgt Ion:106 Resp: 300700
Ion Ratio Lower Upper
106 100
91 209.4 108.1 324.3

Manual Integrations
APPROVED

Reviewed By :John
Carlone

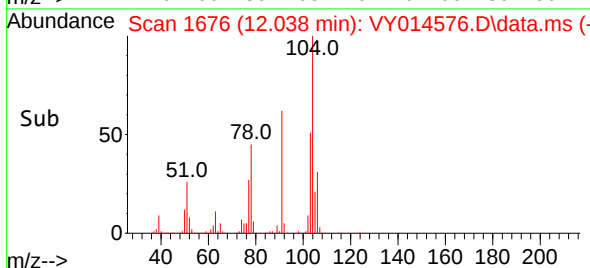
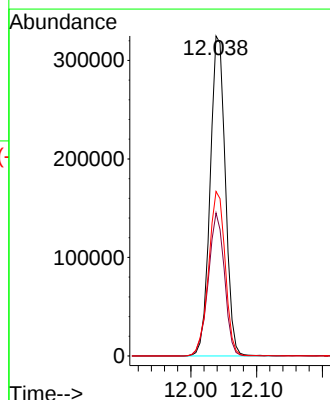
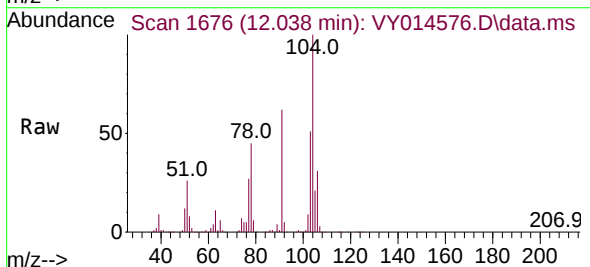
07/07/2023
Supervised By :Mahesh
Dadoda

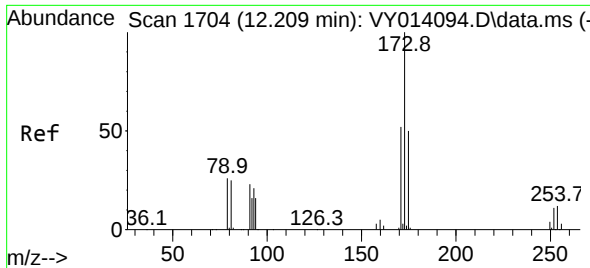
07/07/2023



#70
Styrene
Concen: 55.727 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. -0.006 min
Lab File: VY014576.D
Acq: 06 Jul 2023 09:48

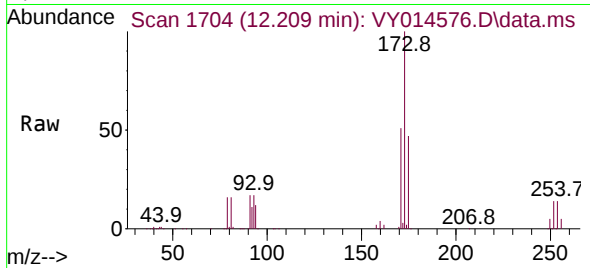
Tgt Ion:104 Resp: 524034
Ion Ratio Lower Upper
104 100
78 47.3 41.5 62.3
103 55.8 44.6 67.0





#71
Bromoform
Concen: 57.415 ug/l
RT: 12.209 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY014576.D
Acq: 06 Jul 2023 09:48

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



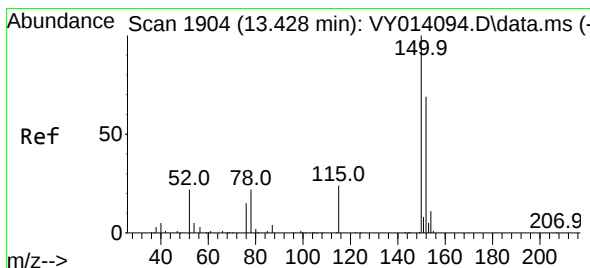
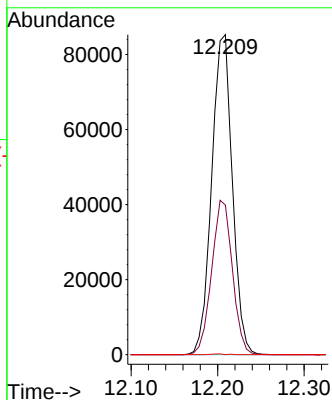
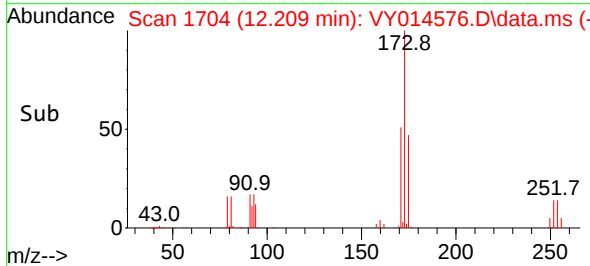
Tgt Ion:173 Resp: 141230
Ion Ratio Lower Upper
173 100
175 48.5 24.6 73.8
254 0.2 0.2 0.2

Manual Integrations
APPROVED

Reviewed By :John
Carlone

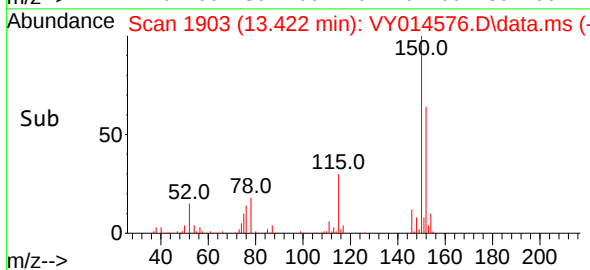
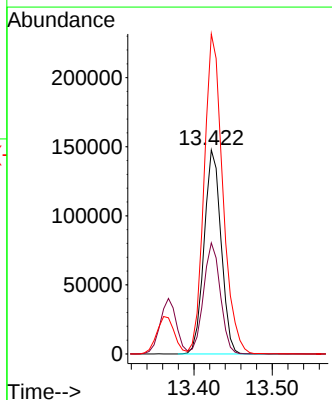
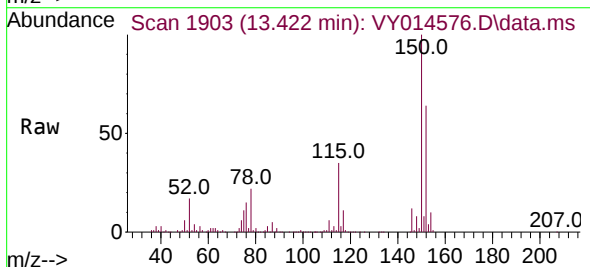
07/07/2023
Supervised By :Mahesh
Dadoda

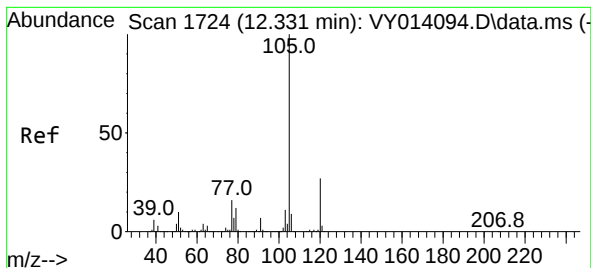
07/07/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY014576.D
Acq: 06 Jul 2023 09:48

Tgt Ion:152 Resp: 221215
Ion Ratio Lower Upper
152 100
115 54.1 28.8 86.5
150 172.8 0.0 348.8





#73

Isopropylbenzene

Concen: 54.692 ug/l

RT: 12.325 min Scan# 1723

Delta R.T. -0.006 min

Lab File: VY014576.D

Acq: 06 Jul 2023 09:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 79237

Ion Ratio Lower Upper

105 100

120 27.6 13.3 39.9

Manual Integrations

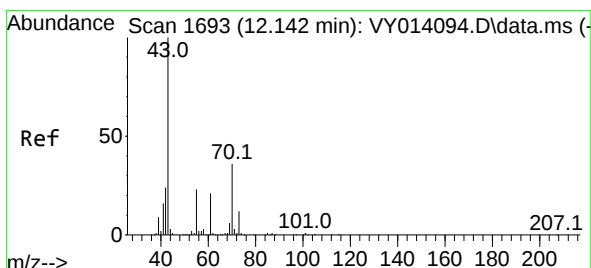
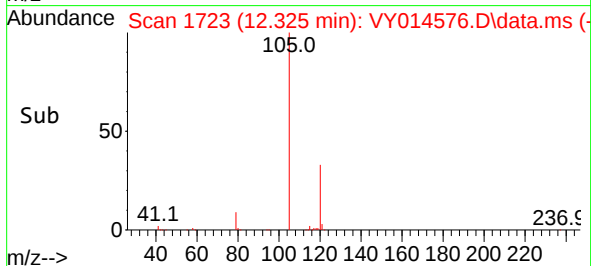
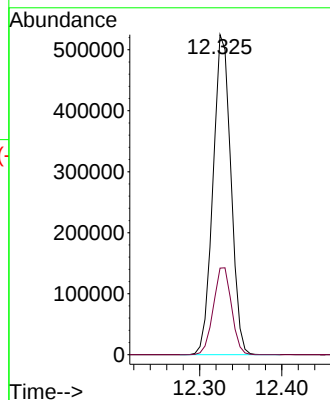
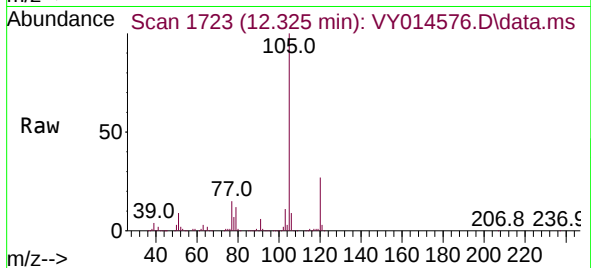
APPROVED

Reviewed By :John
Carlone

07/07/2023

Supervised By :Mahesh
Dadoda

07/07/2023



#74

N-ethyl acetate

Concen: 51.893 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY014576.D

Acq: 06 Jul 2023 09:48

Tgt Ion: 43 Resp: 226907

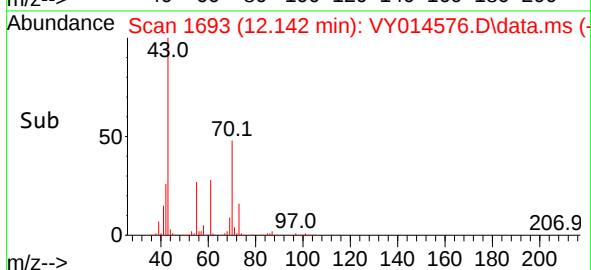
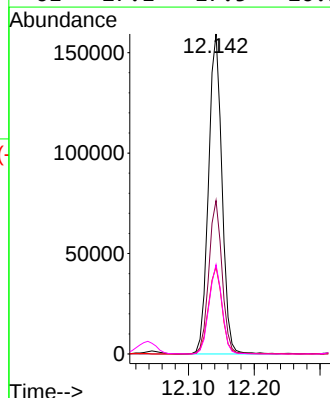
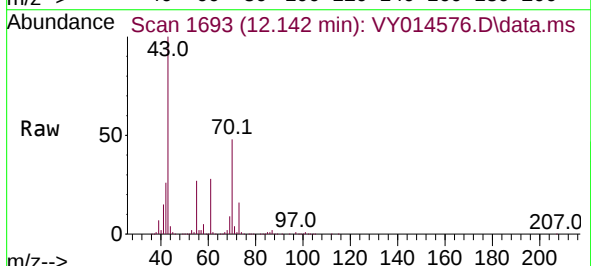
Ion Ratio Lower Upper

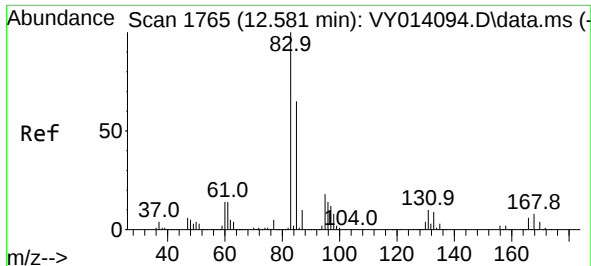
43 100

70 47.2 29.7 44.5#

55 27.5 18.3 27.5

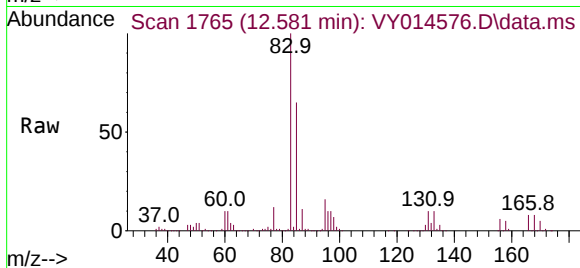
61 27.1 17.5 26.3#





#75
1,1,2,2-Tetrachloroethane
Concen: 52.593 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY014576.D
Acq: 06 Jul 2023 09:48

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



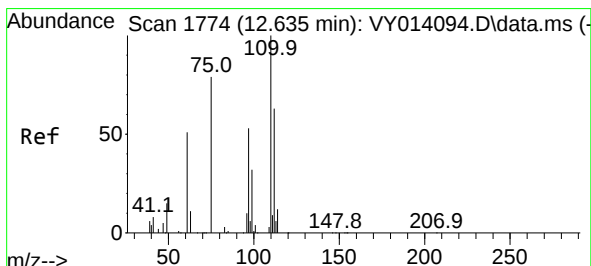
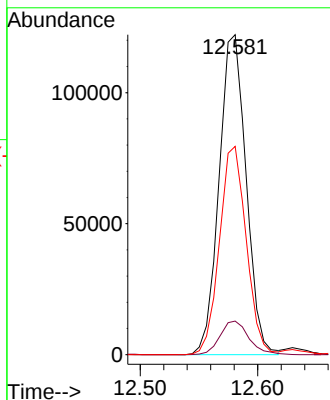
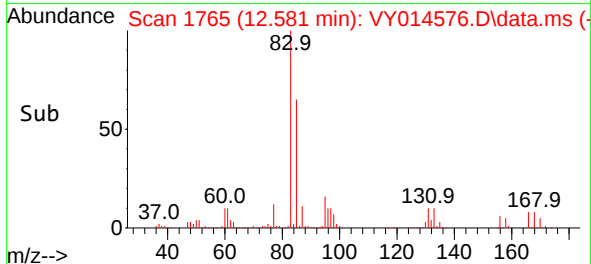
Tgt Ion: 83 Resp: 19553
Ion Ratio Lower Upper
83 100
131 11.2 5.4 16.2
85 64.5 31.8 95.4

Manual Integrations
APPROVED

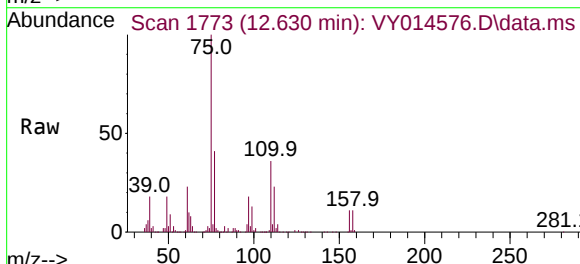
Reviewed By :John
Carlone

07/07/2023
Supervised By :Mahesh
Dadoda

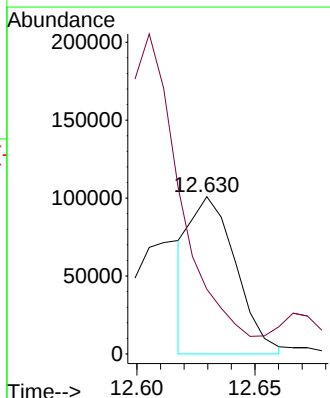
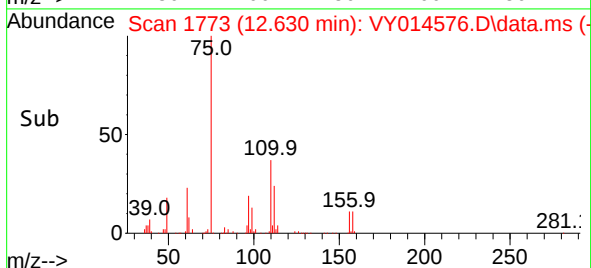
07/07/2023

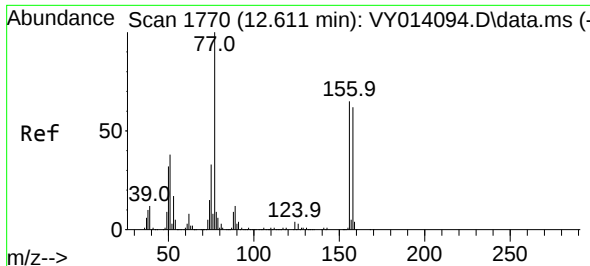


#76
1,2,3-Trichloropropane
Concen: 52.841 ug/l m
RT: 12.630 min Scan# 1773
Delta R.T. -0.005 min
Lab File: VY014576.D
Acq: 06 Jul 2023 09:48



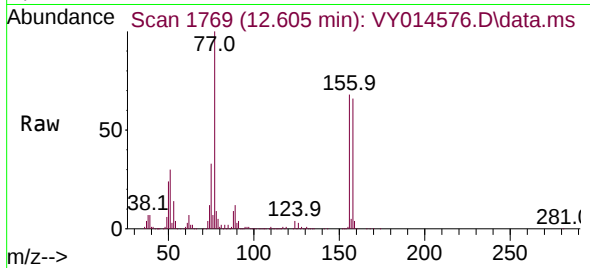
Tgt Ion: 75 Resp: 137169
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 54.450 ug/l
RT: 12.605 min Scan# 1769
Delta R.T. -0.006 min
Lab File: VY014576.D
Acq: 06 Jul 2023 09:48

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



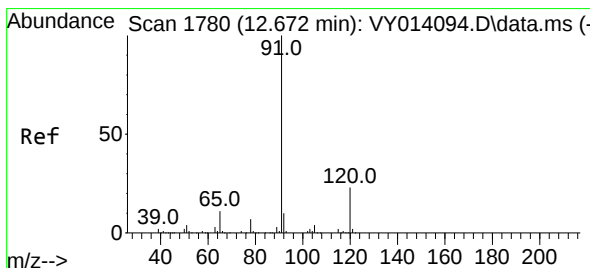
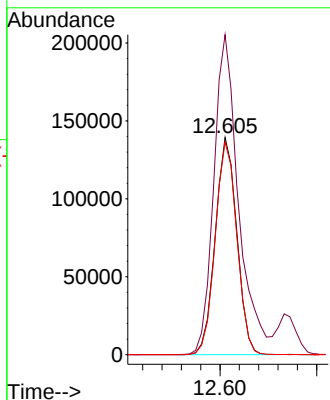
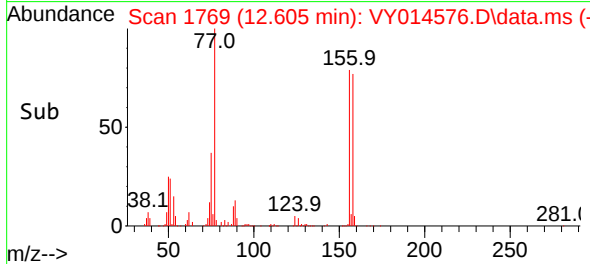
Tgt Ion:156 Resp: 21546
Ion Ratio Lower Upper
156 100
77 167.8 92.8 278.6
158 98.1 48.4 145.3

Manual Integrations
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Reviewed By :John
Carlone

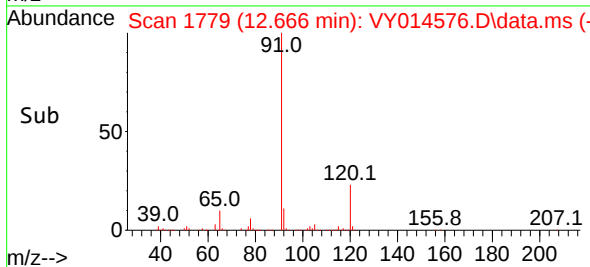
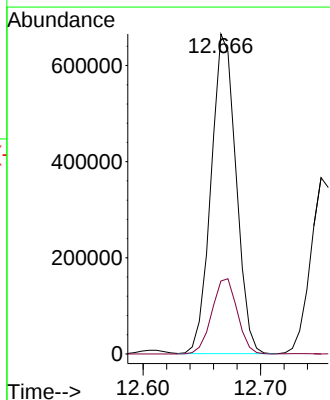
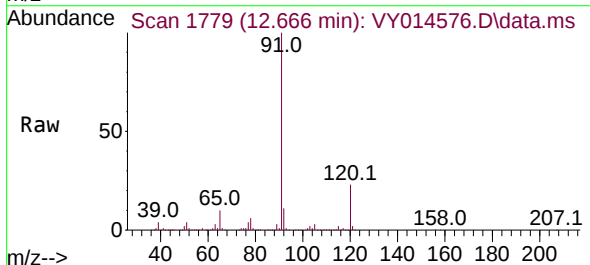
07/07/2023
Supervised By :Mahesh
Dadoda

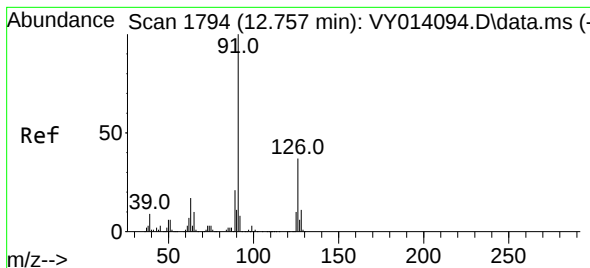
07/07/2023



#78
n-propylbenzene
Concen: 55.512 ug/l
RT: 12.666 min Scan# 1779
Delta R.T. -0.006 min
Lab File: VY014576.D
Acq: 06 Jul 2023 09:48

Tgt Ion: 91 Resp: 981057
Ion Ratio Lower Upper
91 100
120 24.0 11.5 34.4





#79
2-Chlorotoluene
Concen: 56.118 ug/l
RT: 12.752 min Scan# 1794
Delta R.T. -0.005 min
Lab File: VY014576.D
Acq: 06 Jul 2023 09:48

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

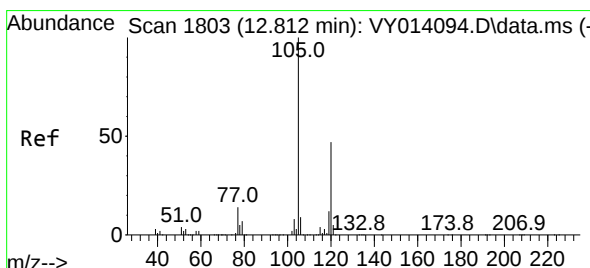
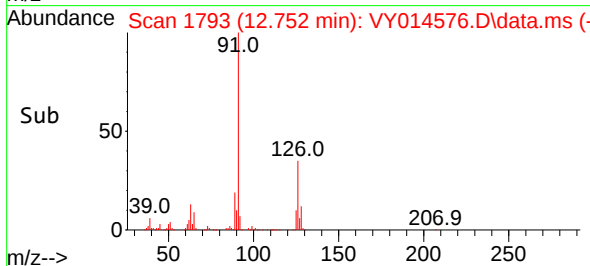
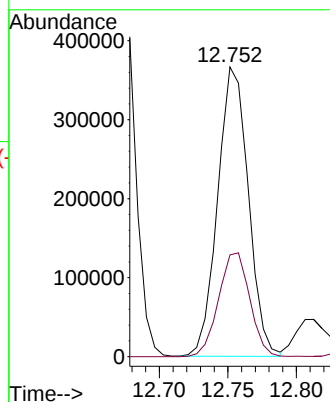
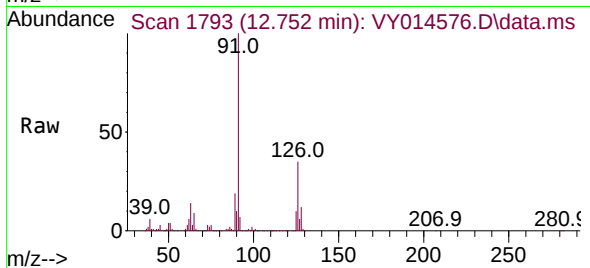
Tgt Ion: 91 Resp: 570759
Ion Ratio Lower Upper
91 100
126 36.6 17.3 51.7

Manual Integrations
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Reviewed By :John
Carlone

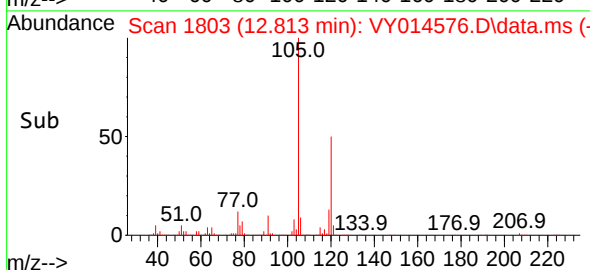
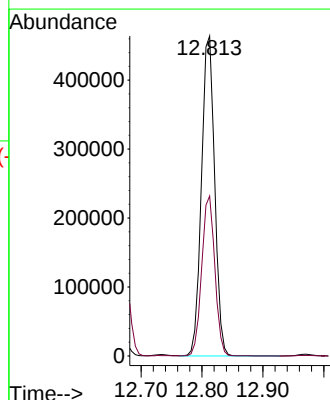
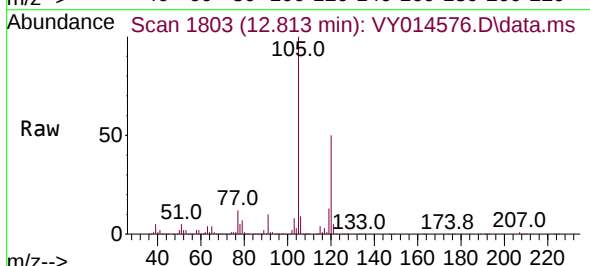
07/07/2023
Supervised By :Mahesh
Dadoda

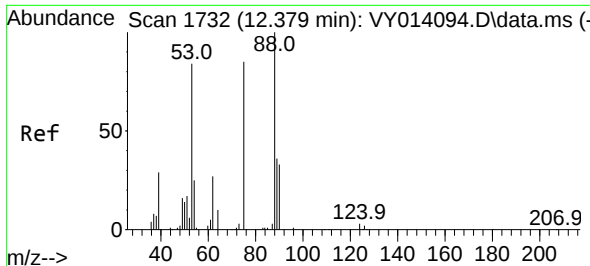
07/07/2023



#80
1,3,5-Trimethylbenzene
Concen: 57.009 ug/l
RT: 12.813 min Scan# 1803
Delta R.T. 0.001 min
Lab File: VY014576.D
Acq: 06 Jul 2023 09:48

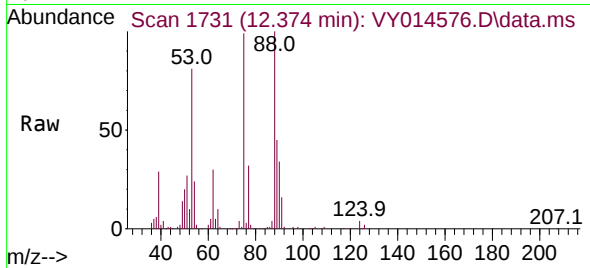
Tgt Ion:105 Resp: 699222
Ion Ratio Lower Upper
105 100
120 49.9 23.9 71.7





#81
trans-1,4-Dichloro-2-butene
Concen: 50.766 ug/l
RT: 12.374 min Scan# 1731
Delta R.T. -0.005 min
Lab File: VY014576.D
Acq: 06 Jul 2023 09:48

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



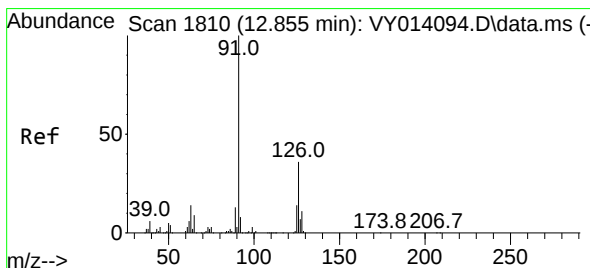
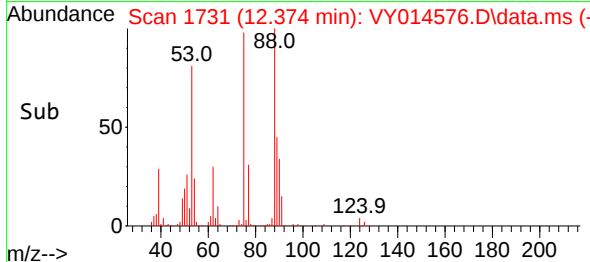
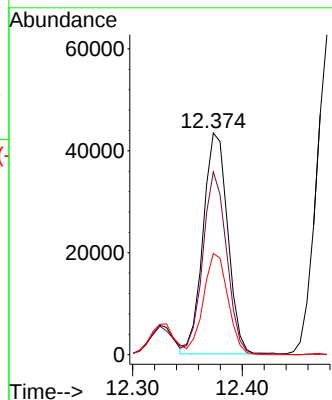
Tgt Ion: 75 Resp: 6770
Ion Ratio Lower Upper
75 100
53 79.5 77.8 116.8
89 45.5 37.4 56.0

Manual Integrations
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Reviewed By :John
Carlone

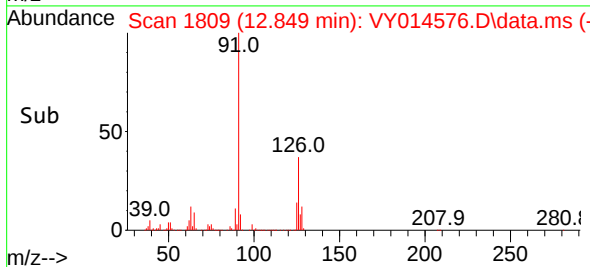
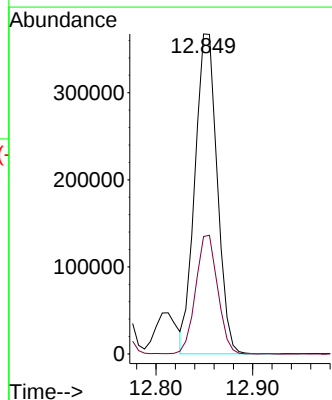
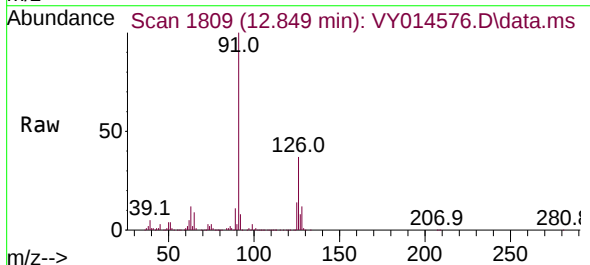
07/07/2023
Supervised By :Mahesh
Dadoda

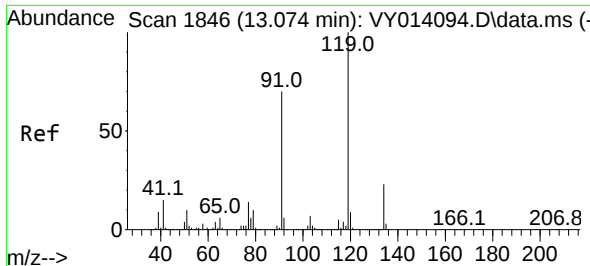
07/07/2023



#82
4-Chlorotoluene
Concen: 55.161 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. -0.006 min
Lab File: VY014576.D
Acq: 06 Jul 2023 09:48

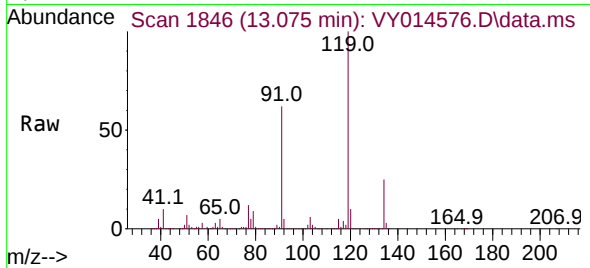
Tgt Ion: 91 Resp: 587752
Ion Ratio Lower Upper
91 100
126 36.7 17.2 51.6





#83
tert-Butylbenzene
Concen: 55.402 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. 0.001 min
Lab File: VY014576.D
Acq: 06 Jul 2023 09:48

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



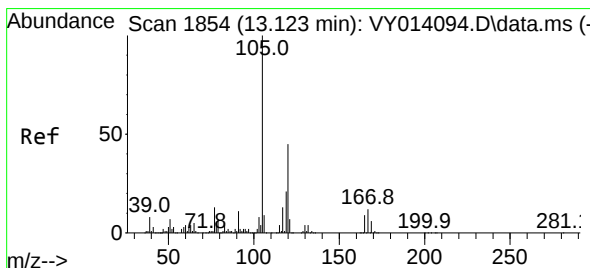
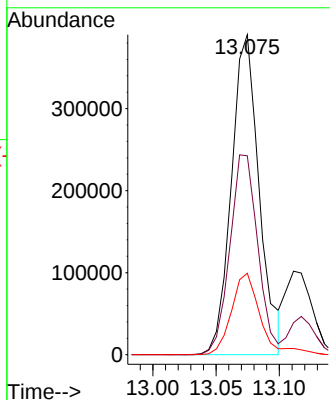
Tgt Ion:119 Resp: 597192
Ion Ratio Lower Upper
119 100
91 62.9 32.9 98.6
134 26.5 13.0 38.9

Manual Integrations
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Reviewed By :John
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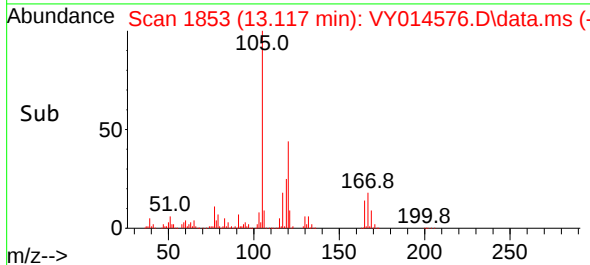
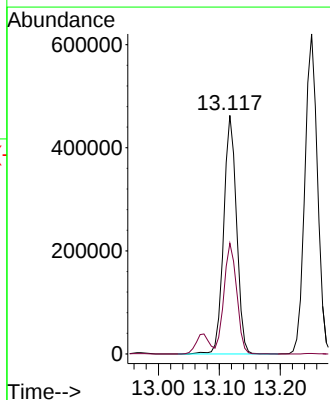
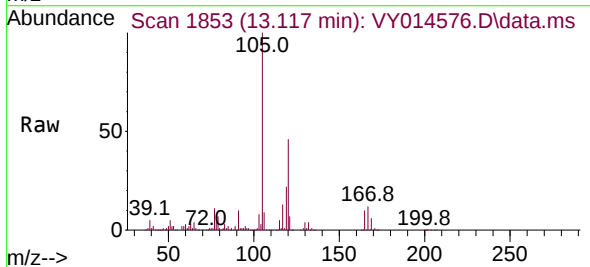
07/07/2023
Supervised By :Mahesh
Dadoda

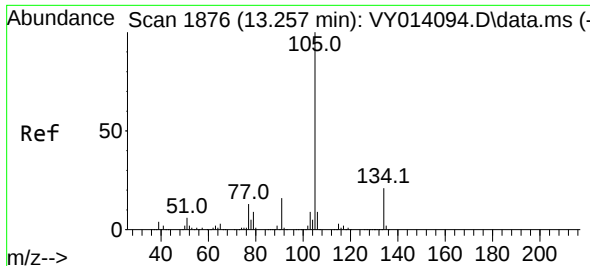
07/07/2023



#84
1,2,4-Trimethylbenzene
Concen: 55.308 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. -0.006 min
Lab File: VY014576.D
Acq: 06 Jul 2023 09:48

Tgt Ion:105 Resp: 676916
Ion Ratio Lower Upper
105 100
120 46.0 22.2 66.6





#85
 sec-Butylbenzene
 Concen: 55.980 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. -0.006 min
 Lab File: VY014576.D
 Acq: 06 Jul 2023 09:48

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

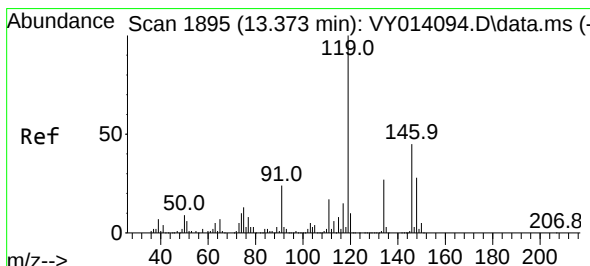
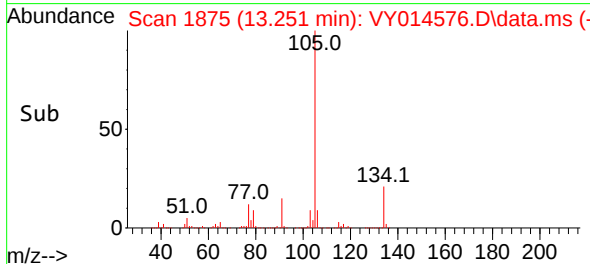
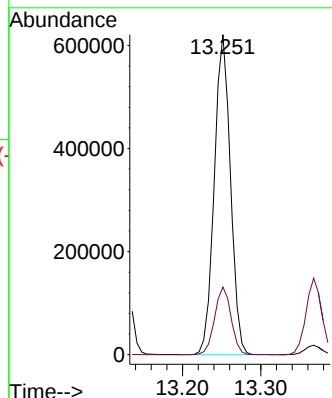
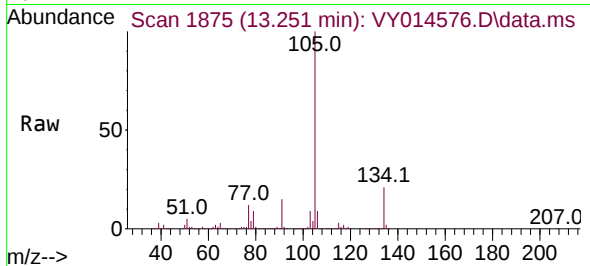
Tgt Ion:105 Resp: 890435
 Ion Ratio Lower Upper
 105 100
 134 21.4 10.2 30.6

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Reviewed By :John
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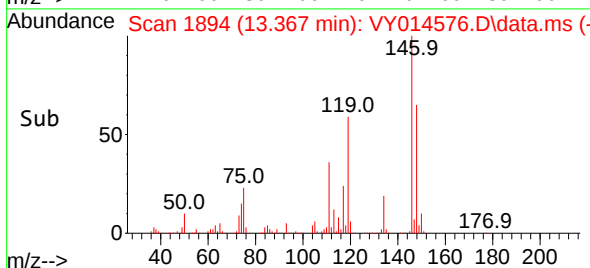
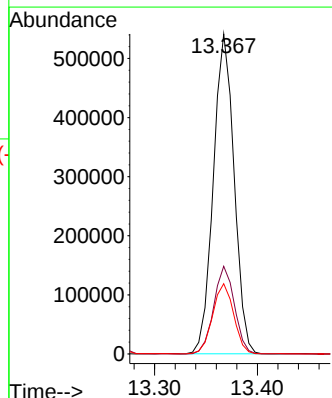
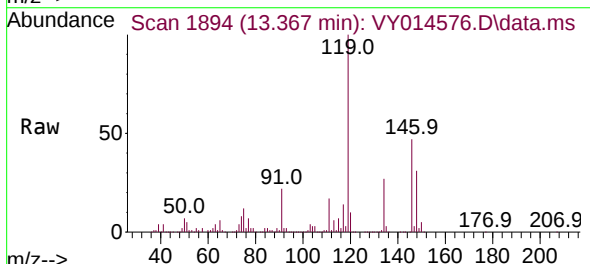
07/07/2023
 Supervised By :Mahesh
 Dadoda

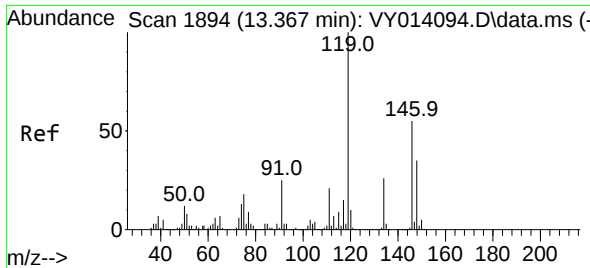
07/07/2023



#86
 p-Isopropyltoluene
 Concen: 56.657 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. -0.006 min
 Lab File: VY014576.D
 Acq: 06 Jul 2023 09:48

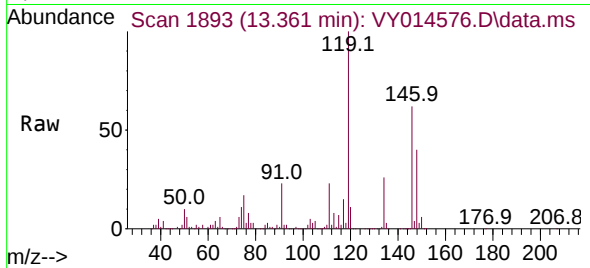
Tgt Ion:119 Resp: 758401
 Ion Ratio Lower Upper
 119 100
 134 27.2 13.3 39.8
 91 22.1 12.4 37.4





#87
1,3-Dichlorobenzene
Concen: 54.465 ug/l
RT: 13.361 min Scan# 1894
Delta R.T. -0.006 min
Lab File: VY014576.D
Acq: 06 Jul 2023 09:48

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



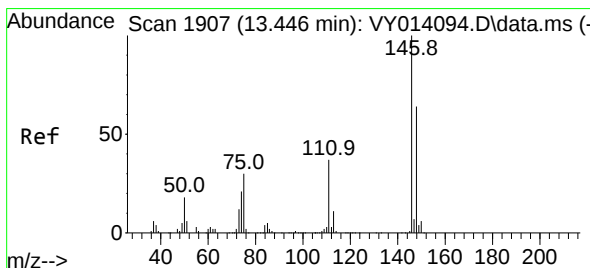
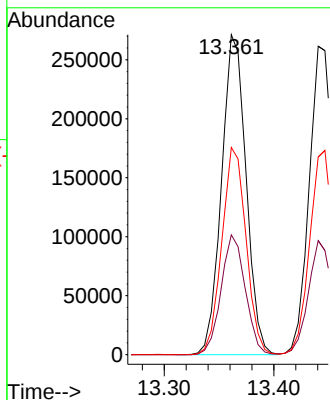
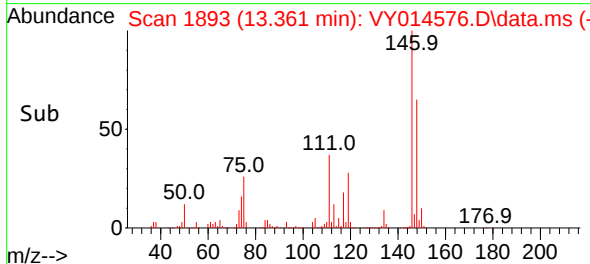
Tgt Ion:146 Resp: 421392
Ion Ratio Lower Upper
146 100
111 36.9 19.4 58.2
148 64.0 31.9 95.5

Manual Integrations
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Reviewed By :John
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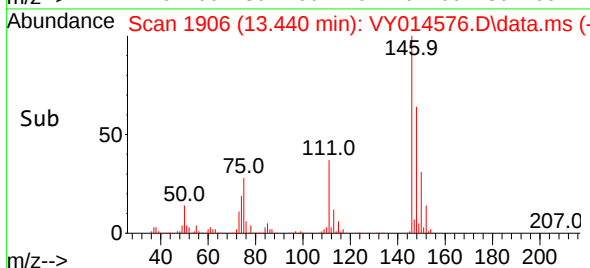
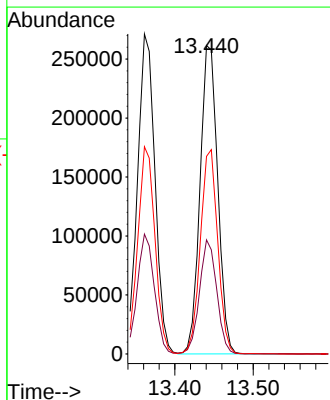
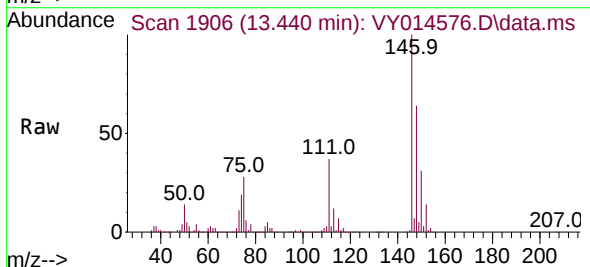
07/07/2023
Supervised By :Mahesh
Dadoda

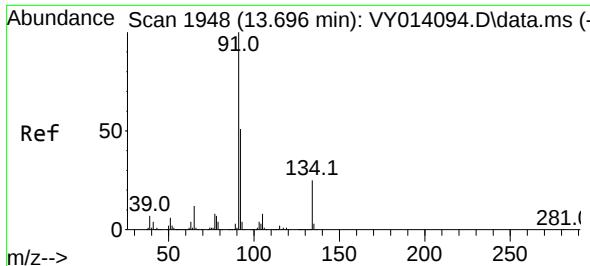
07/07/2023



#88
1,4-Dichlorobenzene
Concen: 52.911 ug/l
RT: 13.440 min Scan# 1906
Delta R.T. -0.006 min
Lab File: VY014576.D
Acq: 06 Jul 2023 09:48

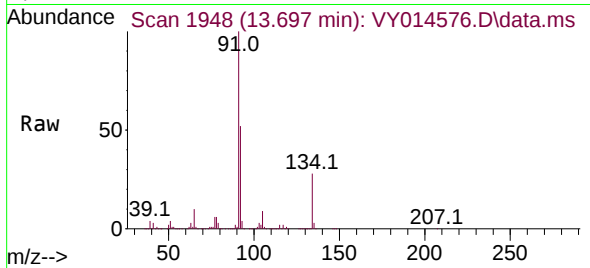
Tgt Ion:146 Resp: 410264
Ion Ratio Lower Upper
146 100
111 36.0 18.9 56.7
148 65.1 32.1 96.5





#89
n-Butylbenzene
Concen: 56.774 ug/l
RT: 13.697 min Scan# 1948
Delta R.T. 0.001 min
Lab File: VY014576.D
Acq: 06 Jul 2023 09:48

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



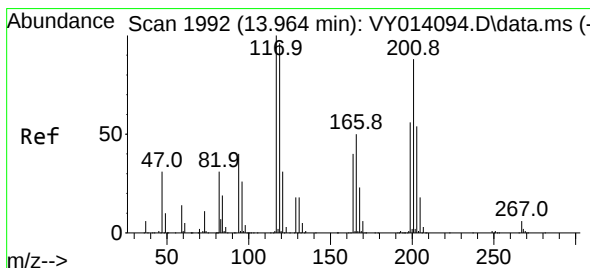
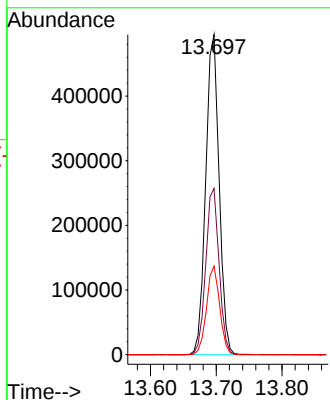
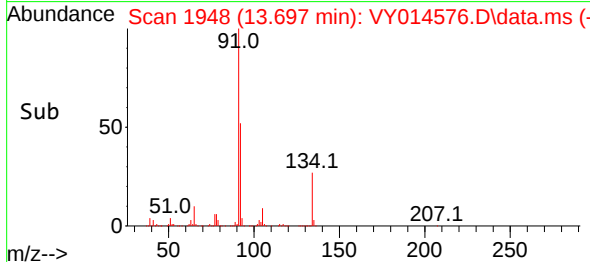
Tgt Ion: 91 Resp: 702333
Ion Ratio Lower Upper
91 100
92 51.7 25.4 76.0
134 27.1 12.6 37.6

Manual Integrations
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Reviewed By :John
Carlone

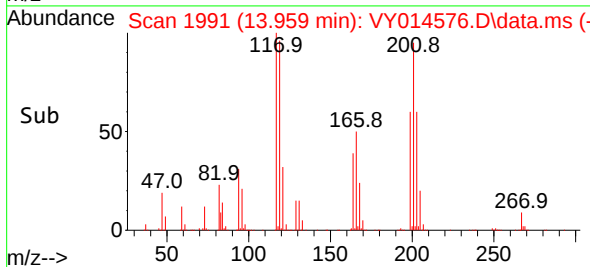
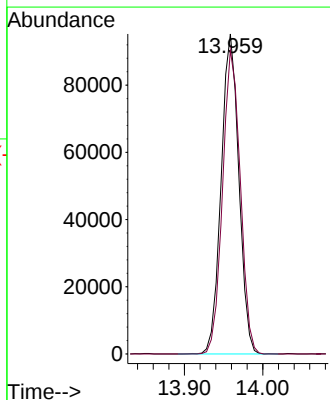
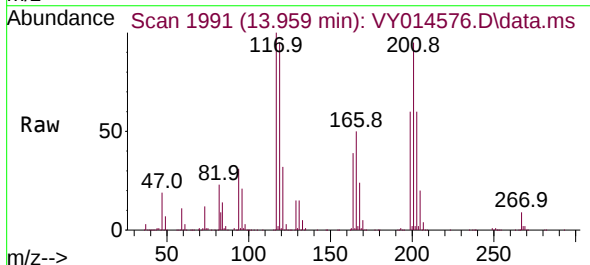
07/07/2023
Supervised By :Mahesh
Dadoda

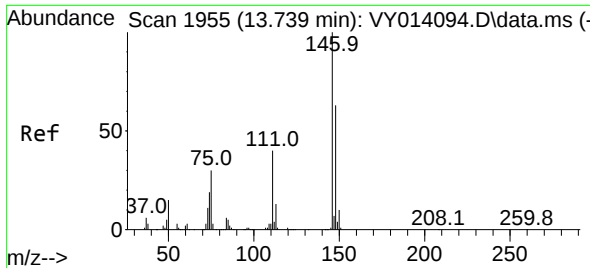
07/07/2023



#90
Hexachloroethane
Concen: 56.346 ug/l
RT: 13.959 min Scan# 1991
Delta R.T. -0.005 min
Lab File: VY014576.D
Acq: 06 Jul 2023 09:48

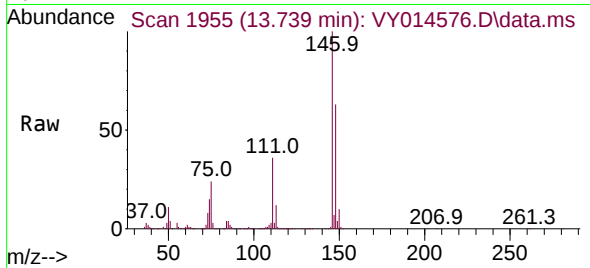
Tgt Ion:117 Resp: 149405
Ion Ratio Lower Upper
117 100
201 95.1 41.6 124.8





#91
1,2-Dichlorobenzene
Concen: 54.589 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY014576.D
Acq: 06 Jul 2023 09:48

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



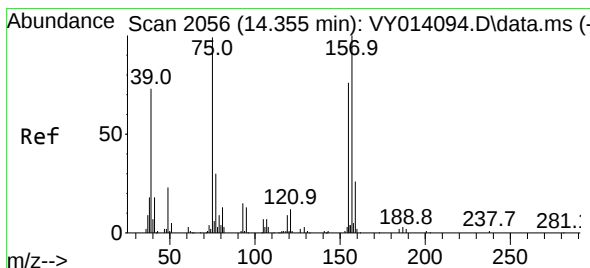
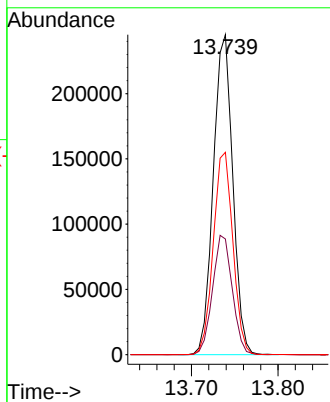
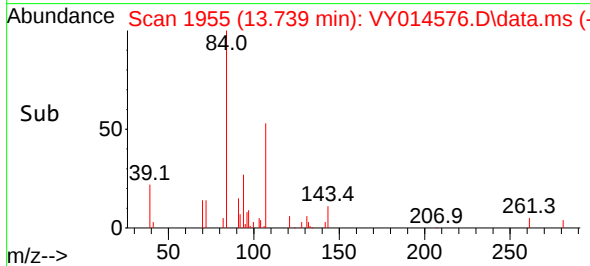
Tgt Ion:146 Resp: 382574
Ion Ratio Lower Upper
146 100
111 37.9 19.7 59.0
148 63.8 32.0 96.2

Manual Integrations
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Reviewed By :John
Carlone

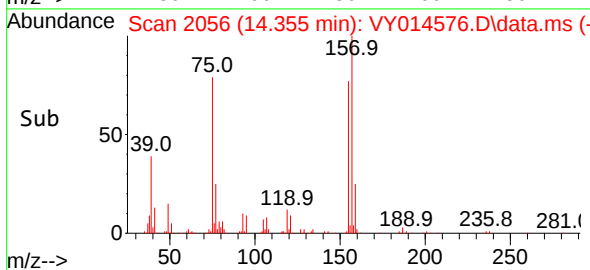
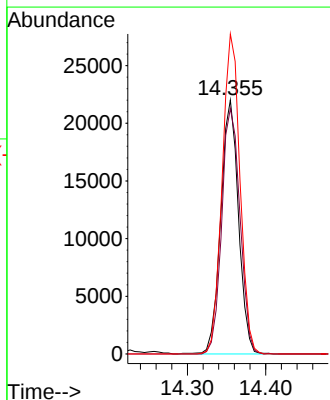
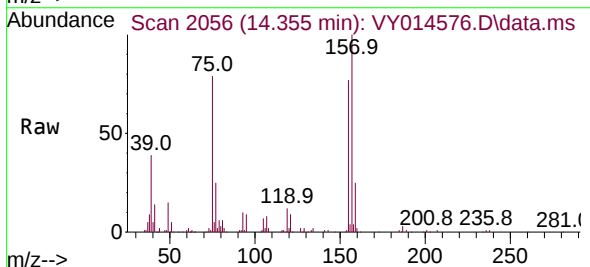
07/07/2023
Supervised By :Mahesh
Dadoda

07/07/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 50.890 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY014576.D
Acq: 06 Jul 2023 09:48

Tgt Ion: 75 Resp: 34640
Ion Ratio Lower Upper
75 100
155 99.5 41.5 124.6
157 126.7 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 57.565 ug/l

RT: 15.001 min Scan# 2162

Delta R.T. -0.006 min

Lab File: VY014576.D

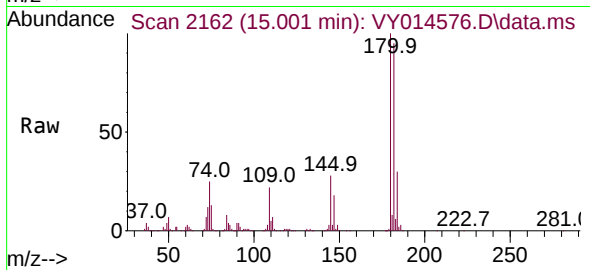
Acq: 06 Jul 2023 09:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050



Tgt Ion:180 Resp: 260574

Ion	Ratio	Lower	Upper
180	100		
182	95.5	47.0	141.2
145	27.2	14.5	43.5

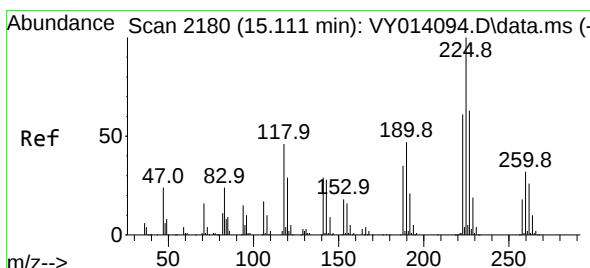
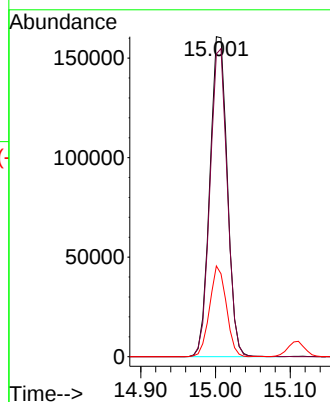
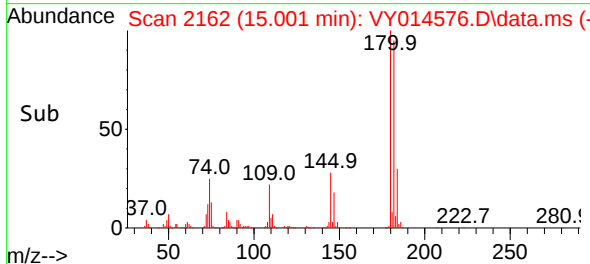
Manual Integrations
APPROVED

Reviewed By :John
Carlone

07/07/2023

Supervised By :Mahesh
Dadoda

07/07/2023



#94

Hexachlorobutadiene

Concen: 60.607 ug/l

RT: 15.111 min Scan# 2180

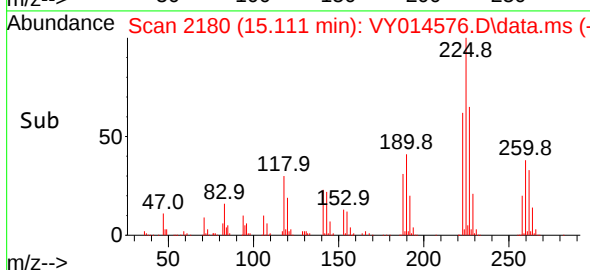
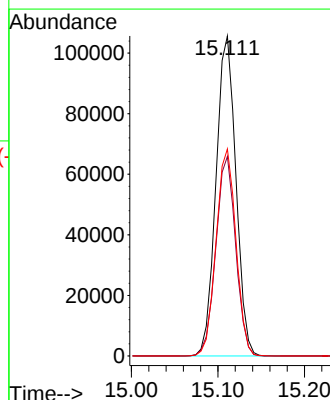
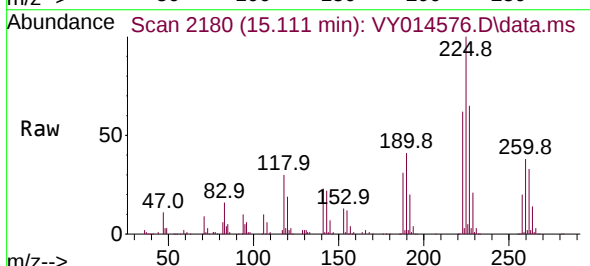
Delta R.T. -0.000 min

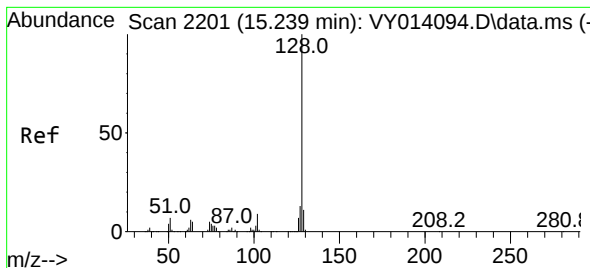
Lab File: VY014576.D

Acq: 06 Jul 2023 09:48

Tgt Ion:225 Resp: 168611

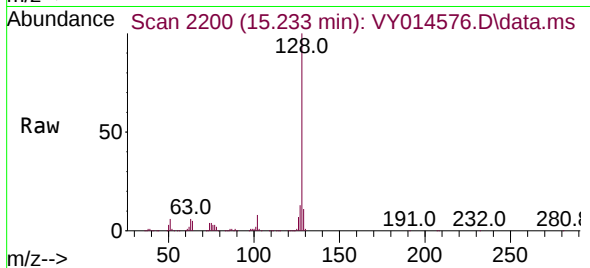
Ion	Ratio	Lower	Upper
225	100		
223	61.9	31.9	95.9
227	64.5	33.0	98.9





#95
Naphthalene
Concen: 54.509 ug/l
RT: 15.233 min Scan# 21
Delta R.T. -0.006 min
Lab File: VY014576.D
Acq: 06 Jul 2023 09:48

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



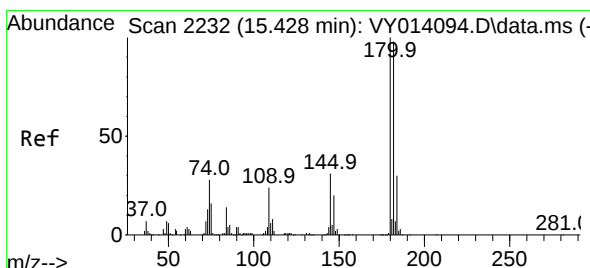
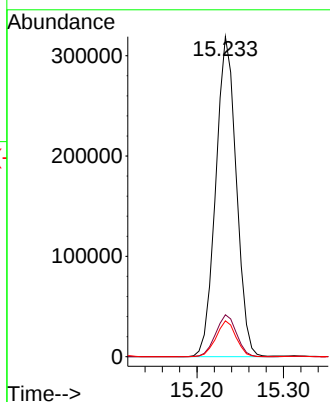
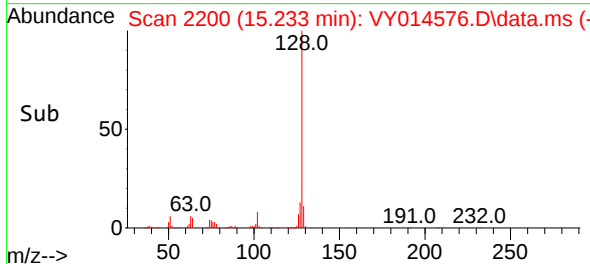
Tgt Ion:128 Resp: 524940
Ion Ratio Lower Upper
128 100
127 13.3 10.8 16.2
129 11.0 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John
Carlone

07/07/2023
Supervised By :Mahesh
Dadoda

07/07/2023



#96
1,2,3-Trichlorobenzene
Concen: 56.833 ug/l
RT: 15.422 min Scan# 2231
Delta R.T. -0.006 min
Lab File: VY014576.D
Acq: 06 Jul 2023 09:48

Tgt Ion:180 Resp: 234402
Ion Ratio Lower Upper
180 100
182 95.0 47.3 141.8
145 28.9 15.4 46.2

