

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071023\
 Data File : VY014618.D
 Acq On : 10 Jul 2023 16:23
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/11/2023
 Supervised By : Mahesh Dadoda 07/11/2023

Quant Time: Jul 11 03:19:45 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	310067	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	451383	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	415083	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	229161	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	155983	50.570	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 101.140%			
35) Dibromofluoromethane	7.710	113	150519	54.150	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 108.300%			
50) Toluene-d8	10.173	98	572403	52.092	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 104.180%			
62) 4-Bromofluorobenzene	12.477	95	201690	52.860	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 105.720%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	117527	53.216	ug/l	100
3) Chloromethane	2.107	50	180312	50.212	ug/l	99
4) Vinyl Chloride	2.247	62	224587	54.259	ug/l	97
5) Bromomethane	2.638	94	164598	51.283	ug/l	100
6) Chloroethane	2.784	64	148853	55.851	ug/l	96
7) Trichlorofluoromethane	3.113	101	272991	54.304	ug/l	98
8) Diethyl Ether	3.522	74	97432	51.186	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.887	101	167564	55.817	ug/l	98
10) Methyl Iodide	4.082	142	191209	55.815	ug/l	92
11) Tert butyl alcohol	4.948	59	116109	214.512	ug/l #	80
12) 1,1-Dichloroethene	3.857	96	156366	53.766	ug/l	89
13) Acrolein	3.717	56	63380	154.730	ug/l	100
14) Allyl chloride	4.466	41	229349	52.321	ug/l	87
15) Acrylonitrile	5.155	53	280906	257.071	ug/l	99
16) Acetone	3.942	43	225607	234.212	ug/l #	86
17) Carbon Disulfide	4.186	76	458252	51.706	ug/l	99
18) Methyl Acetate	4.473	43	220912	50.380	ug/l #	90
19) Methyl tert-butyl Ether	5.210	73	467241	55.900	ug/l	99
20) Methylene Chloride	4.704	84	203858	59.610	ug/l	88
21) trans-1,2-Dichloroethene	5.204	96	176361	53.573	ug/l	95
22) Diisopropyl ether	6.113	45	468742	51.896	ug/l #	90
23) Vinyl Acetate	6.052	43	1381350	264.334	ug/l #	94
24) 1,1-Dichloroethane	6.009	63	294134	51.873	ug/l	98
25) 2-Butanone	6.978	43	341566	239.479	ug/l	92
26) 2,2-Dichloropropane	6.972	77	229480	47.481	ug/l	94
27) cis-1,2-Dichloroethene	6.978	96	195149	52.259	ug/l	89
28) Bromochloromethane	7.326	49	118496	49.768	ug/l	84
29) Tetrahydrofuran	7.344	42	233166	253.446	ug/l	89
30) Chloroform	7.496	83	309315	52.293	ug/l	96
31) Cyclohexane	7.777	56	242226	50.055	ug/l	92
32) 1,1,1-Trichloroethane	7.698	97	262677	51.954	ug/l	97
36) 1,1-Dichloropropene	7.911	75	224372	52.710	ug/l	98
37) Ethyl Acetate	7.070	43	149670	51.270	ug/l #	92
38) Carbon Tetrachloride	7.893	117	244200	54.955	ug/l	98
39) Methylcyclohexane	9.179	83	285666	56.144	ug/l	92
40) Benzene	8.155	78	672671	52.204	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	74300m	52.098	ug/l	
42) 1,2-Dichloroethane	8.228	62	204996	54.126	ug/l	94
43) Isopropyl Acetate	8.271	43	256025	51.751	ug/l #	91
44) Trichloroethene	8.935	130	193367	53.829	ug/l	97
45) 1,2-Dichloropropane	9.210	63	177923	53.825	ug/l	97
46) Dibromomethane	9.301	93	107062	53.202	ug/l	94
47) Bromodichloromethane	9.490	83	243641	54.949	ug/l	99
48) Methyl methacrylate	9.289	41	121991	54.225	ug/l #	81
49) 1,4-Dioxane	9.289	88	37731	1049.990	ug/l #	52
51) 4-Methyl-2-Pentanone	10.069	43	775806	264.882	ug/l	89
52) Toluene	10.240	92	431946	53.270	ug/l	98
53) t-1,3-Dichloropropene	10.459	75	258568	54.532	ug/l	99
54) cis-1,3-Dichloropropene	9.923	75	286607	54.176	ug/l #	87
55) 1,1,2-Trichloroethane	10.642	97	159040	54.313	ug/l	96
56) Ethyl methacrylate	10.508	69	216310	54.305	ug/l #	80
57) 1,3-Dichloropropane	10.789	76	253458	53.123	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.777	63	508765	263.653	ug/l	96
59) 2-Hexanone	10.831	43	565559	267.315	ug/l	87
60) Dibromochloromethane	10.984	129	189902	55.347	ug/l	99
61) 1,2-Dibromoethane	11.087	107	155425	54.368	ug/l	99
64) Tetrachloroethene	10.715	164	201404	54.278	ug/l	98
65) Chlorobenzene	11.514	112	482338	54.527	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	183299	54.520	ug/l	98
67) Ethyl Benzene	11.587	91	832383	55.180	ug/l	99
68) m/p-Xylenes	11.697	106	652846	109.105	ug/l	94
69) o-Xylene	12.026	106	314962	55.498	ug/l	95
70) Styrene	12.038	104	547545	56.077	ug/l	97
71) Bromoform	12.203	173	146253	57.259	ug/l	100
73) Isopropylbenzene	12.325	105	827891	55.162	ug/l	98
74) N-amyl acetate	12.142	43	241210	53.251	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.581	83	205625	53.389	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	141930m	52.779	ug/l	
77) Bromobenzene	12.605	156	216693	52.862	ug/l	93
78) n-propylbenzene	12.666	91	988094	53.971	ug/l	98
79) 2-Chlorotoluene	12.752	91	555858	52.758	ug/l	96
80) 1,3,5-Trimethylbenzene	12.813	105	709610	55.850	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.374	75	69837	50.549	ug/l	86
82) 4-Chlorotoluene	12.849	91	576416	52.221	ug/l	97
83) tert-Butylbenzene	13.069	119	608738	54.515	ug/l	96
84) 1,2,4-Trimethylbenzene	13.117	105	701899	55.361	ug/l	98
85) sec-Butylbenzene	13.251	105	898795	54.547	ug/l	99
86) p-Isopropyltoluene	13.367	119	751584	54.200	ug/l	97
87) 1,3-Dichlorobenzene	13.361	146	431505	53.838	ug/l	98
88) 1,4-Dichlorobenzene	13.440	146	429584	53.482	ug/l	98
89) n-Butylbenzene	13.697	91	706579	55.137	ug/l	98
90) Hexachloroethane	13.959	117	149134	54.294	ug/l	87
91) 1,2-Dichlorobenzene	13.739	146	397396	54.738	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	37564	53.272	ug/l	81
93) 1,2,4-Trichlorobenzene	15.007	180	276992	59.071	ug/l	99
94) Hexachlorobutadiene	15.111	225	169905	58.954	ug/l	98
95) Naphthalene	15.233	128	574320	57.568	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	251925	58.964	ug/l	98

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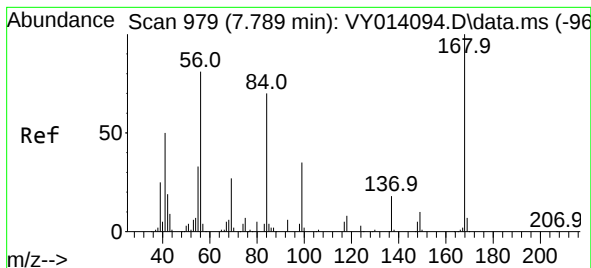
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Response via : Initial Calibration

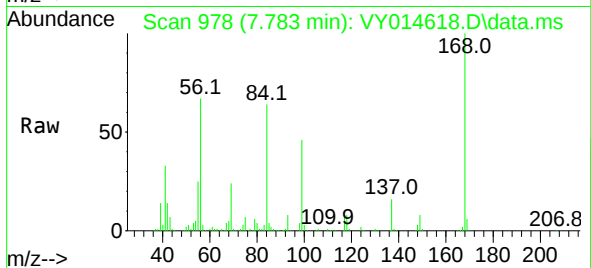
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014618.D
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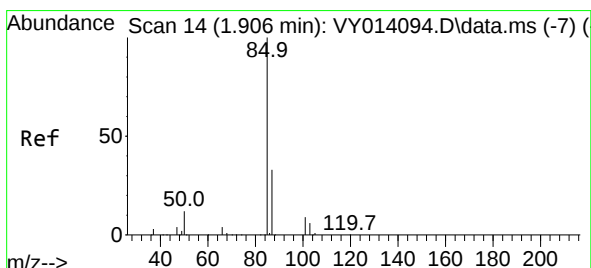
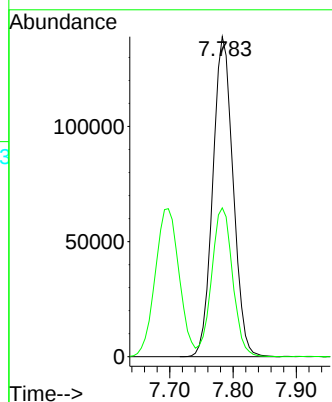
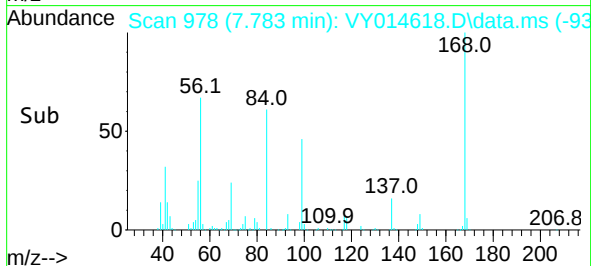
Instrument :
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Tgt Ion:168 Resp: 31006
Ion Ratio Lower Upper
168 100
99 46.5 43.4 65.0

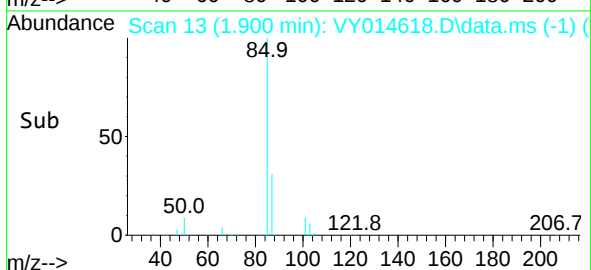
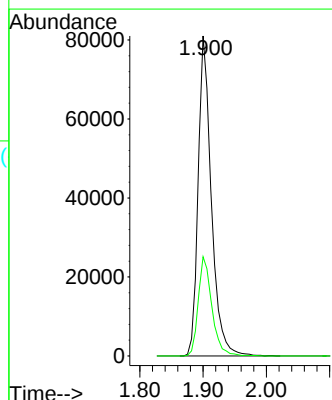
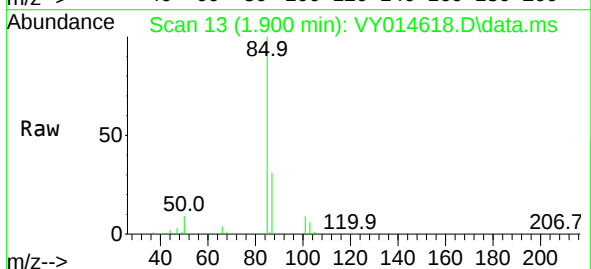
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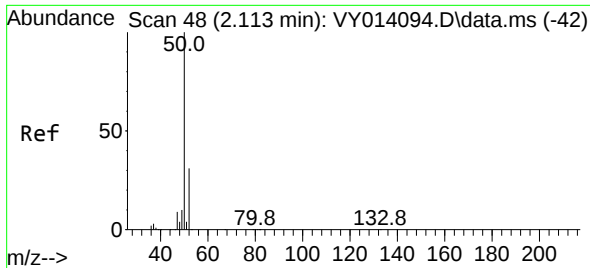
Reviewed By :John Carlone 07/11/2023
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#2
Dichlorodifluoromethane
Concen: 53.216 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.006 min
Lab File: VY014618.D
Acq: 10 Jul 2023 16:23

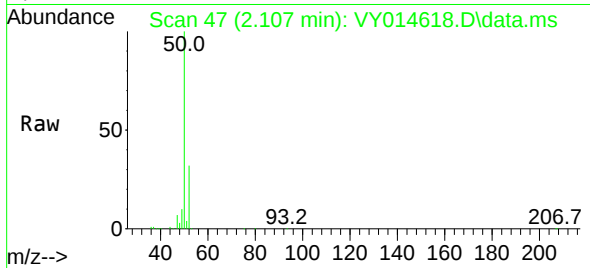
Tgt Ion: 85 Resp: 117527
Ion Ratio Lower Upper
85 100
87 31.0 15.6 46.8





#3
Chloromethane
Concen: 50.212 ug/l
RT: 2.107 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY014618.D
Acq: 10 Jul 2023 16:23

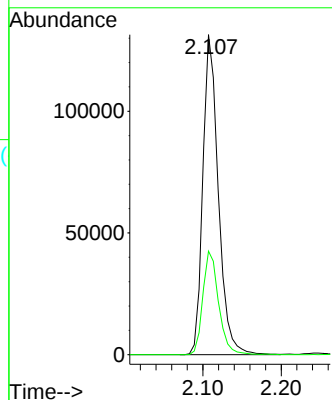
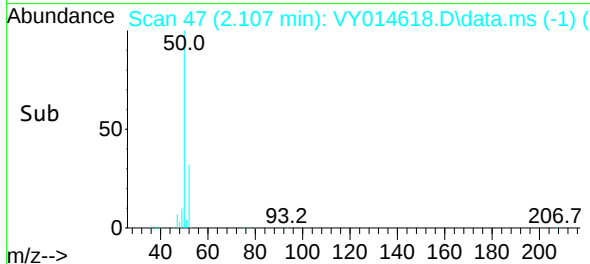
Instrument :
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Tgt Ion: 50 Resp: 180312
Ion Ratio Lower Upper
50 100
52 32.3 25.4 38.2

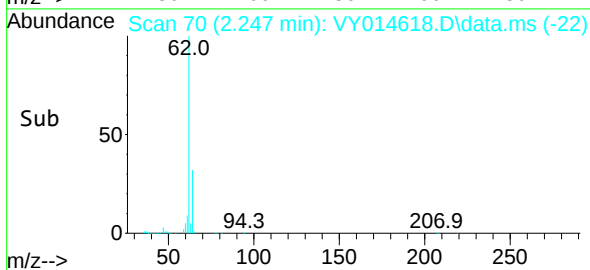
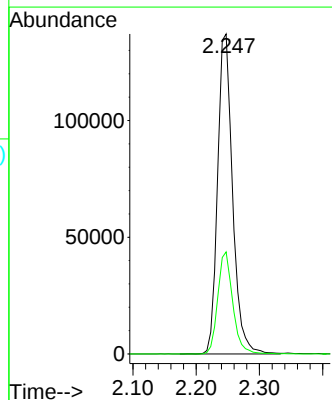
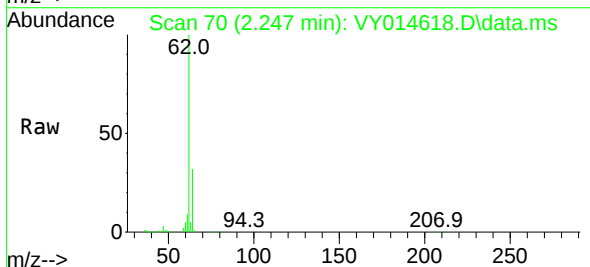
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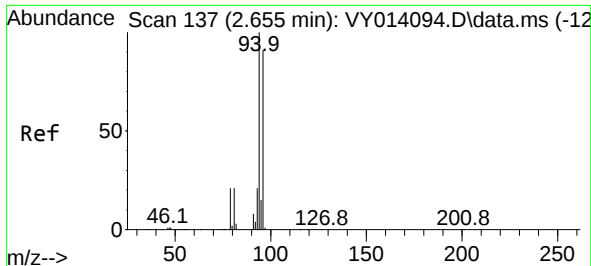
Reviewed By :John Carlone 07/11/2023
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#4
Vinyl Chloride
Concen: 54.259 ug/l
RT: 2.247 min Scan# 70
Delta R.T. -0.006 min
Lab File: VY014618.D
Acq: 10 Jul 2023 16:23

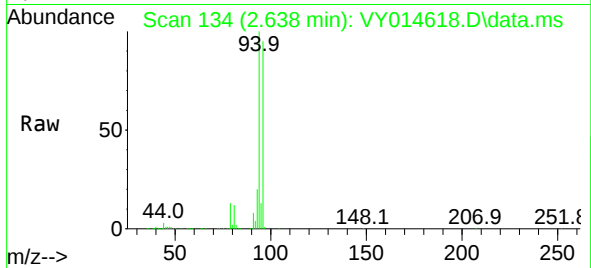
Tgt Ion: 62 Resp: 224587
Ion Ratio Lower Upper
62 100
64 31.9 24.3 36.5





#5
Bromomethane
Concen: 51.283 ug/l
RT: 2.638 min Scan# 11
Delta R.T. -0.017 min
Lab File: VY014618.D
Acq: 10 Jul 2023 16:23

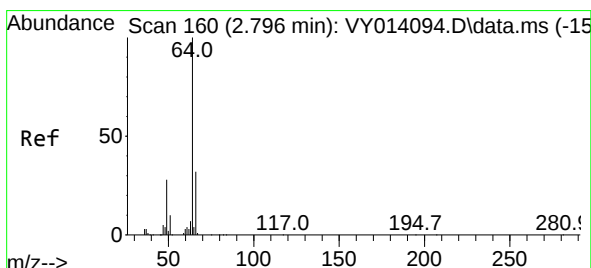
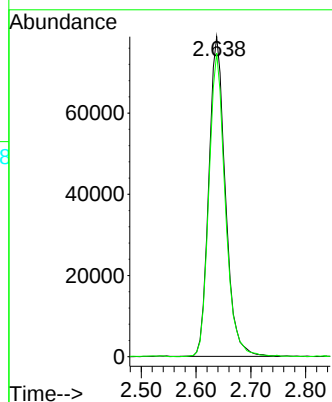
Instrument :
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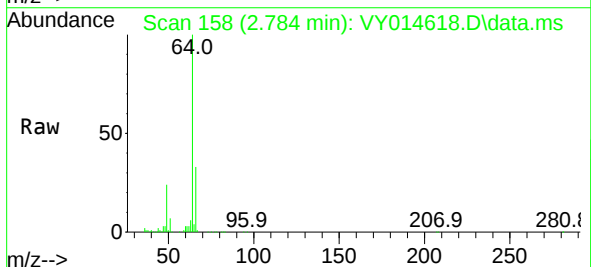
Tgt Ion: 94 Resp: 164598
Ion Ratio Lower Upper
94 100
96 95.0 75.8 113.6

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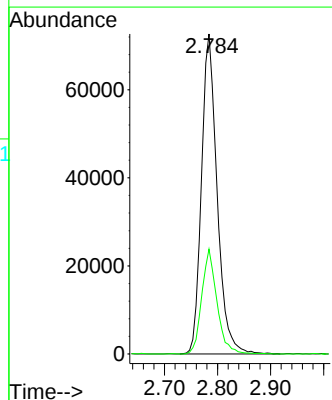
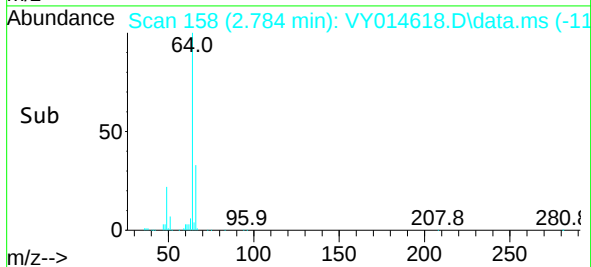
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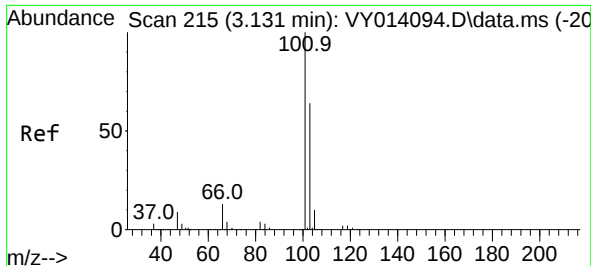


#6
Chloroethane
Concen: 55.851 ug/l
RT: 2.784 min Scan# 158
Delta R.T. -0.012 min
Lab File: VY014618.D
Acq: 10 Jul 2023 16:23



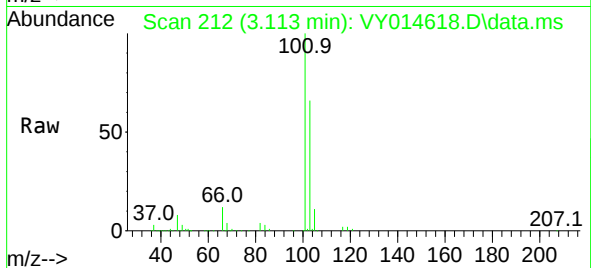
Tgt Ion: 64 Resp: 148853
Ion Ratio Lower Upper
64 100
66 32.8 24.4 36.6





#7
 Trichlorofluoromethane
 Concen: 54.304 ug/l
 RT: 3.113 min Scan# 215
 Delta R.T. -0.018 min
 Lab File: VY014618.D
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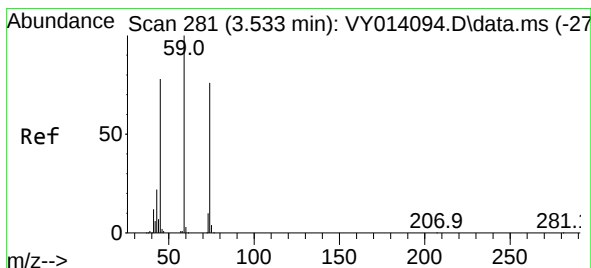
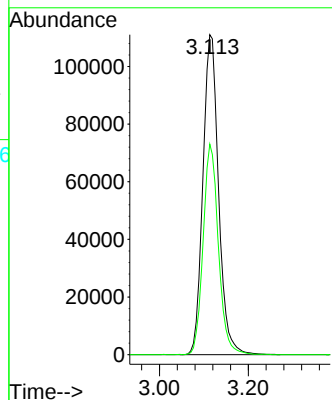
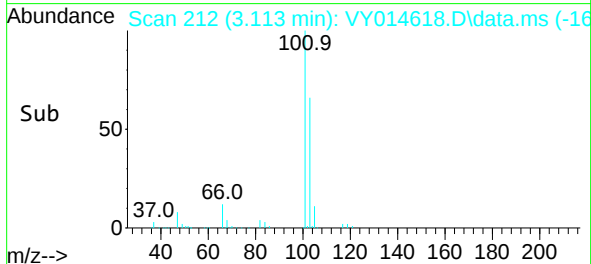
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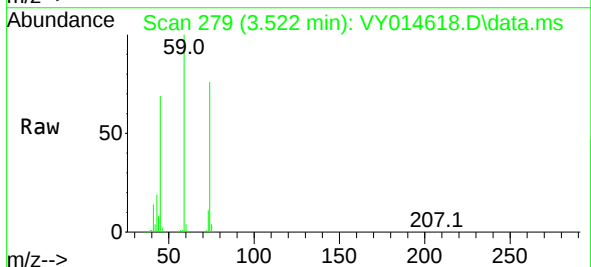
Tgt Ion:101 Resp: 27299
 Ion Ratio Lower Upper
 101 100
 103 65.8 51.4 77.0

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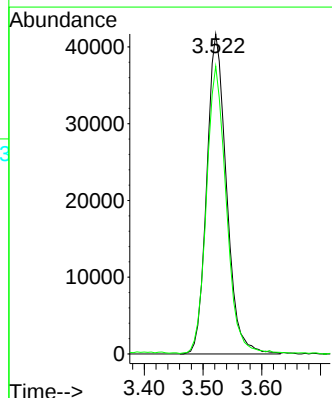
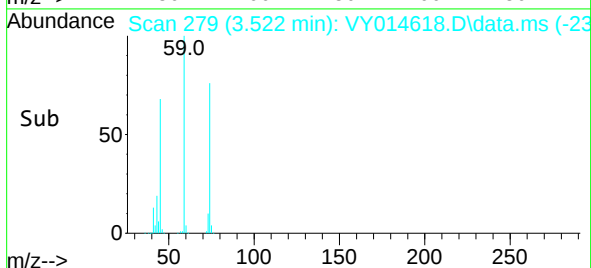
Reviewed By :John Carlone 07/11/2023
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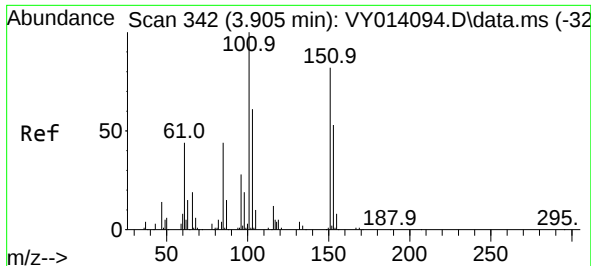


#8
 Diethyl Ether
 Concen: 51.186 ug/l
 RT: 3.522 min Scan# 279
 Delta R.T. -0.011 min
 Lab File: VY014618.D
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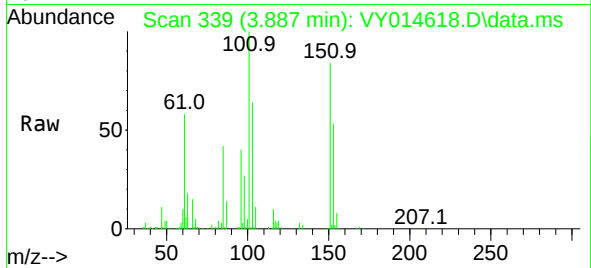
Tgt Ion: 74 Resp: 97432
 Ion Ratio Lower Upper
 74 100
 45 90.2 51.5 154.5





#9
1,1,2-Trichlorotrifluoroethane
Concen: 55.817 ug/l
RT: 3.887 min Scan# 311
Delta R.T. -0.018 min
Lab File: VY014618.D
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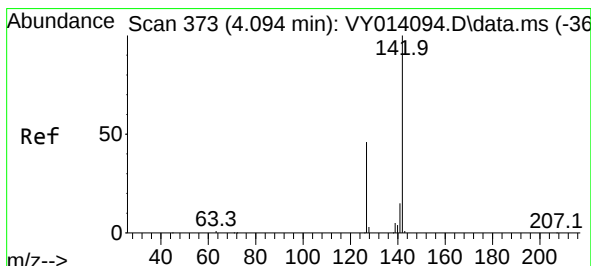
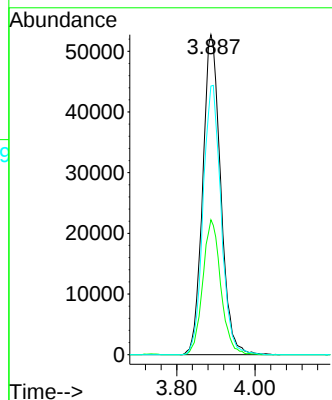
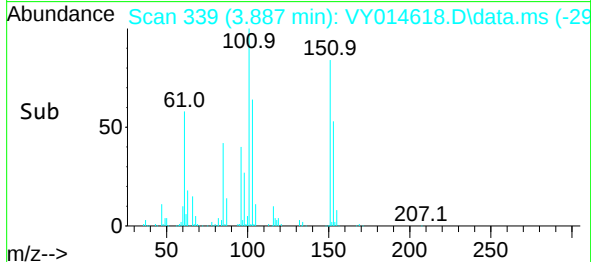
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ClientSampleId :
VSTDCCC050EC



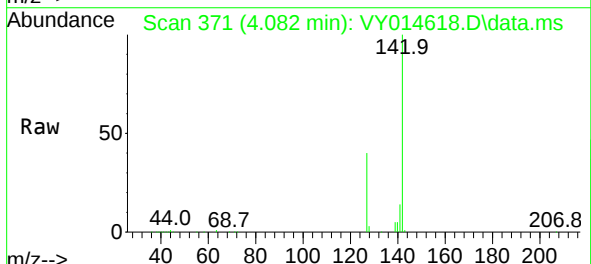
Tgt Ion:101 Resp: 167564
Ion Ratio Lower Upper
101 100
85 42.3 36.6 55.0
151 84.2 67.0 100.6

Manual Integrations
APPROVED

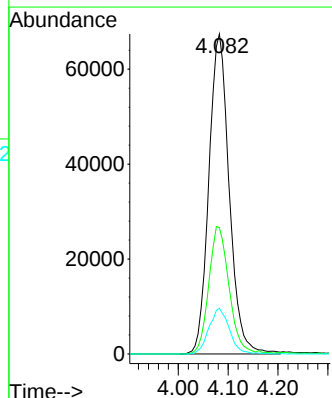
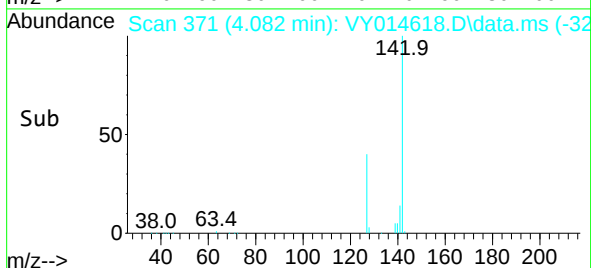
Reviewed By :John Carlone 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023

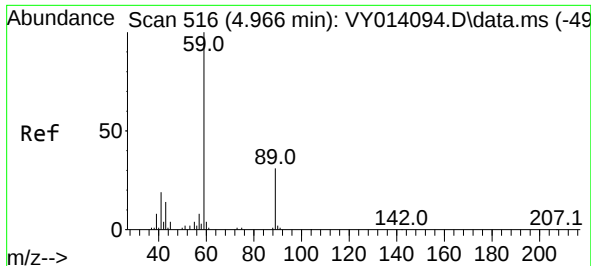


#10
Methyl Iodide
Concen: 55.815 ug/l
RT: 4.082 min Scan# 371
Delta R.T. -0.012 min
Lab File: VY014618.D
Acq: 10 Jul 2023 16:23



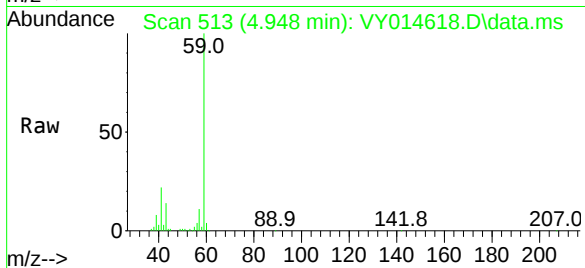
Tgt Ion:142 Resp: 191209
Ion Ratio Lower Upper
142 100
127 39.9 37.6 56.4
141 14.3 11.8 17.8





#11
Tert butyl alcohol
Concen: 214.512 ug/l
RT: 4.948 min Scan# 516
Delta R.T. -0.018 min
Lab File: VY014618.D
Acq: 10 Jul 2023 16:23

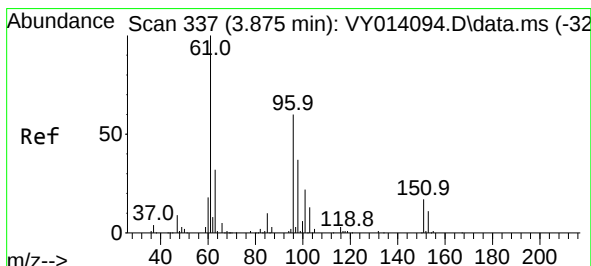
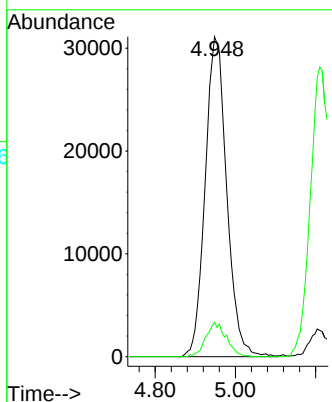
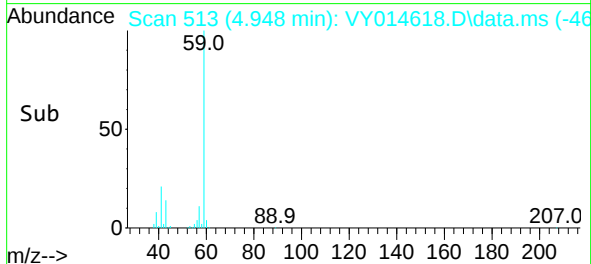
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



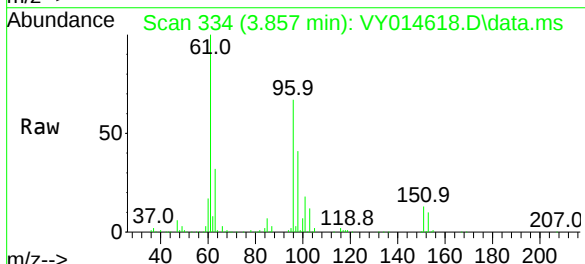
Tgt Ion: 59 Resp: 116109
Ion Ratio Lower Upper
59 100
57 10.2 3.0 4.4

Manual Integrations
APPROVED

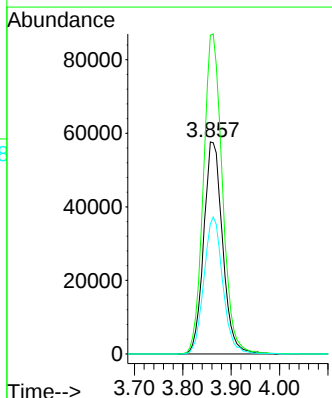
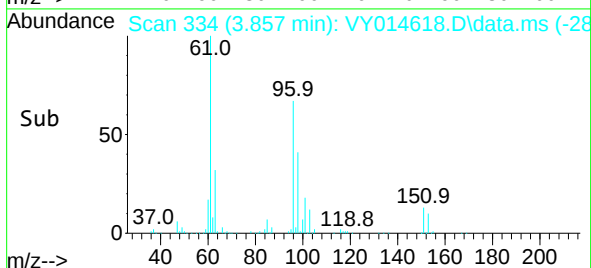
Reviewed By :John Carlone 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023

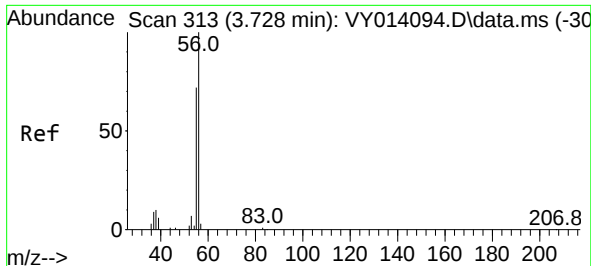


#12
1,1-Dichloroethene
Concen: 53.766 ug/l
RT: 3.857 min Scan# 334
Delta R.T. -0.018 min
Lab File: VY014618.D
Acq: 10 Jul 2023 16:23



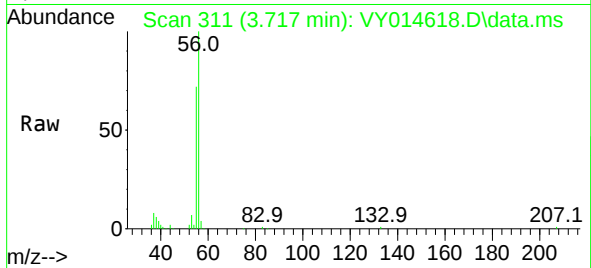
Tgt Ion: 96 Resp: 156366
Ion Ratio Lower Upper
96 100
61 150.4 136.4 204.6
98 61.3 49.4 74.2





#13
Acrolein
Concen: 154.730 ug/l
RT: 3.717 min Scan# 311
Delta R.T. -0.011 min
Lab File: VY014618.D
Acq: 10 Jul 2023 16:23

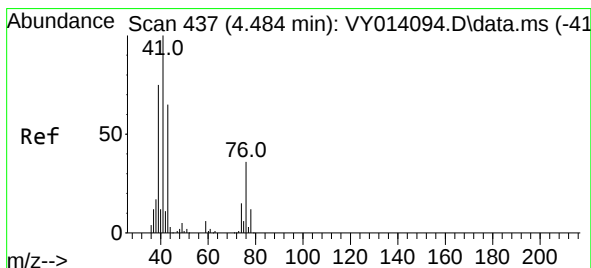
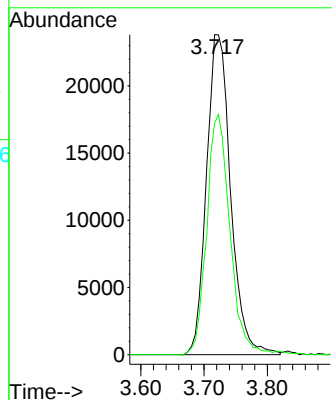
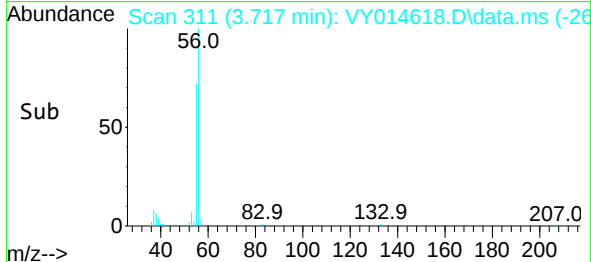
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 63380
Ion Ratio Lower Upper
56 100
55 71.5 57.0 85.4

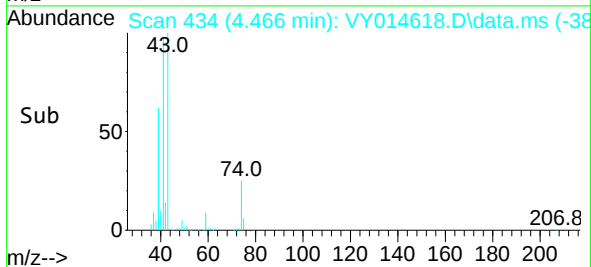
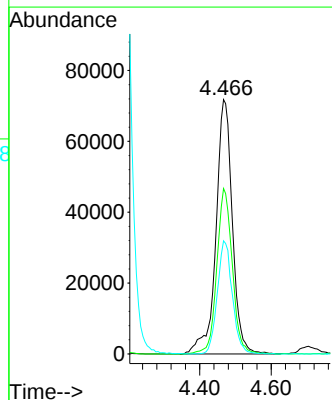
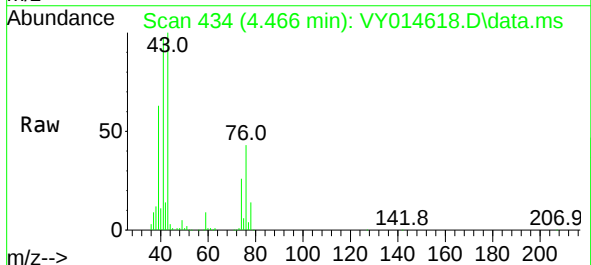
Manual Integrations
APPROVED

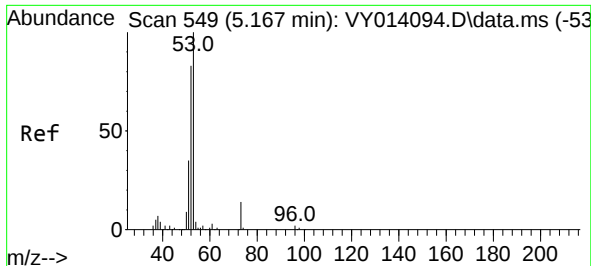
Reviewed By :John Carlone 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023



#14
Allyl chloride
Concen: 52.321 ug/l
RT: 4.466 min Scan# 434
Delta R.T. -0.018 min
Lab File: VY014618.D
Acq: 10 Jul 2023 16:23

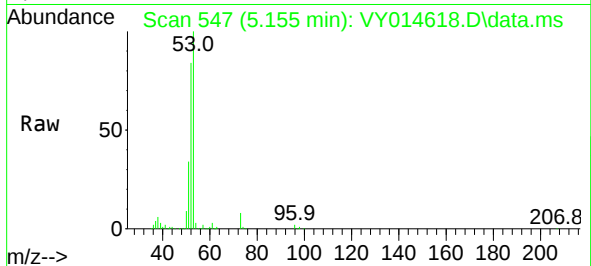
Tgt Ion: 41 Resp: 229349
Ion Ratio Lower Upper
41 100
39 61.3 58.0 87.0
76 40.5 27.4 41.2





#15
Acrylonitrile
Concen: 257.071 ug/l
RT: 5.155 min Scan# 54
Delta R.T. -0.012 min
Lab File: VY014618.D
Acq: 10 Jul 2023 16:23

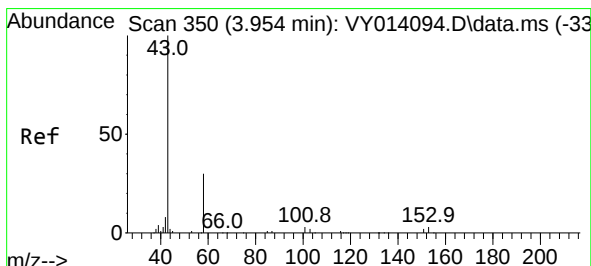
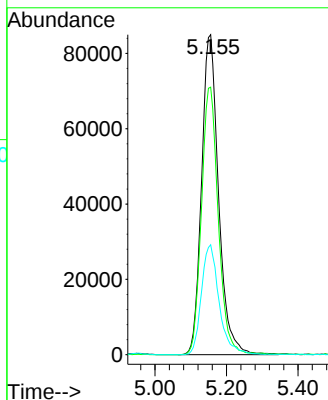
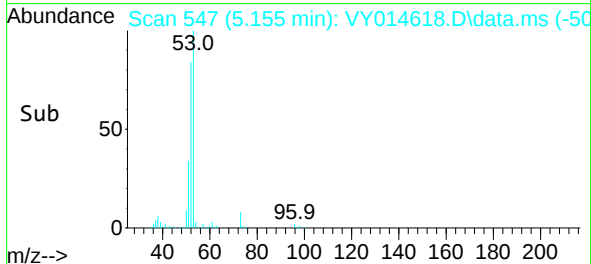
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 280900
Ion Ratio Lower Upper
53 100
52 82.9 66.9 100.3
51 35.7 29.8 44.6

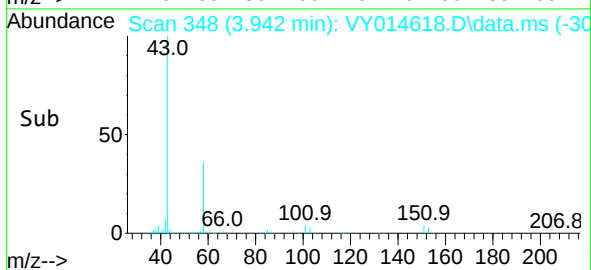
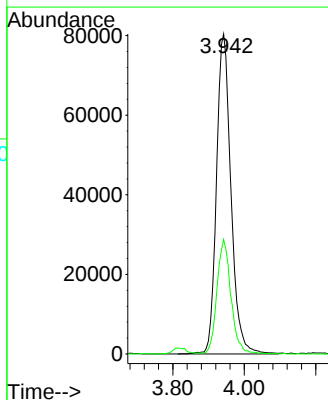
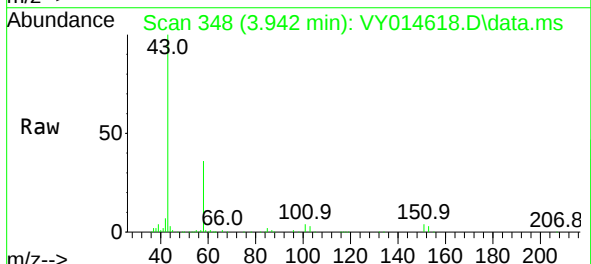
Manual Integrations
APPROVED

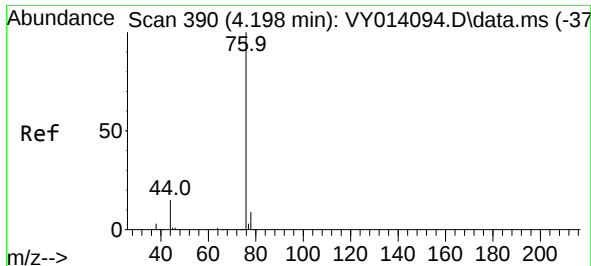
Reviewed By :John Carlone 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023



#16
Acetone
Concen: 234.212 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.012 min
Lab File: VY014618.D
Acq: 10 Jul 2023 16:23

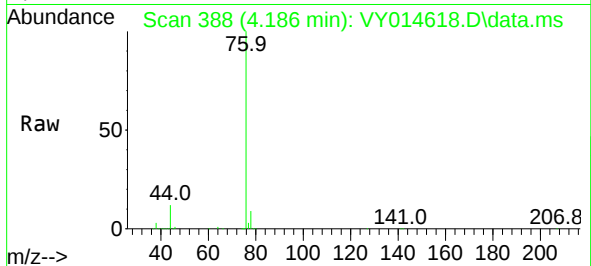
Tgt Ion: 43 Resp: 225607
Ion Ratio Lower Upper
43 100
58 35.7 22.7 34.1#





#17
Carbon Disulfide
Concen: 51.706 ug/l
RT: 4.186 min Scan# 31
Delta R.T. -0.012 min
Lab File: VY014618.D
Acq: 10 Jul 2023 16:23

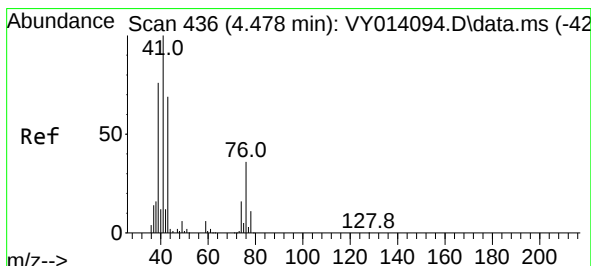
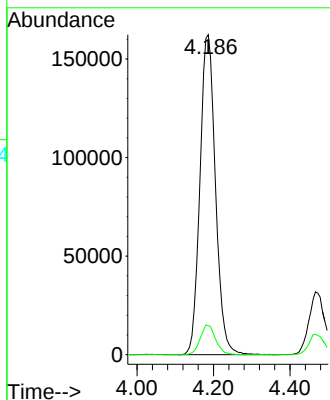
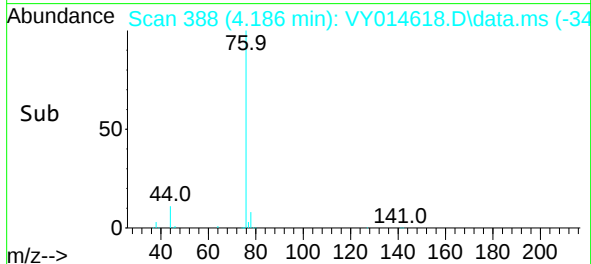
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 458252
Ion Ratio Lower Upper
76 100
78 9.1 7.0 10.4

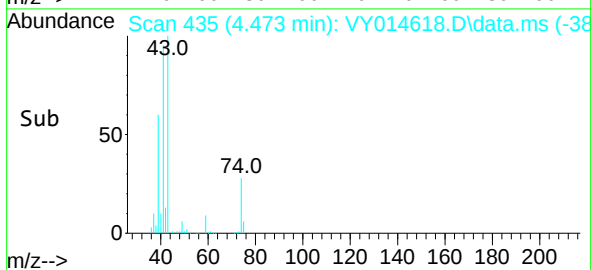
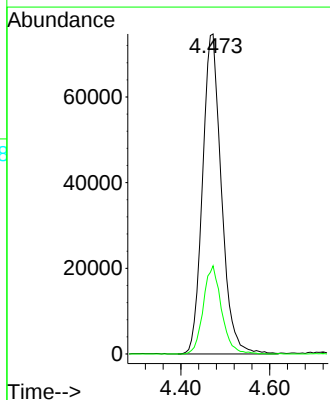
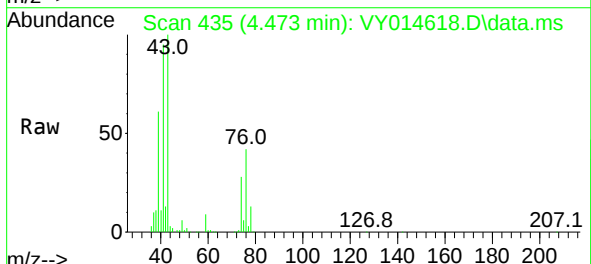
Manual Integrations
APPROVED

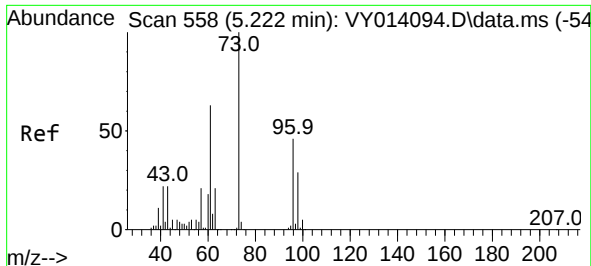
Reviewed By :John Carlone 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023



#18
Methyl Acetate
Concen: 50.380 ug/l
RT: 4.473 min Scan# 435
Delta R.T. -0.005 min
Lab File: VY014618.D
Acq: 10 Jul 2023 16:23

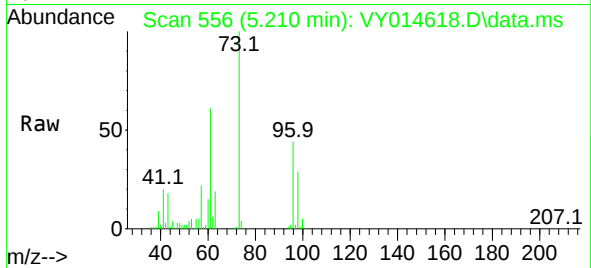
Tgt Ion: 43 Resp: 220912
Ion Ratio Lower Upper
43 100
74 26.6 17.4 26.0#





#19
Methyl tert-butyl Ether
Concen: 55.900 ug/l
RT: 5.210 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY014618.D
Acq: 10 Jul 2023 16:23

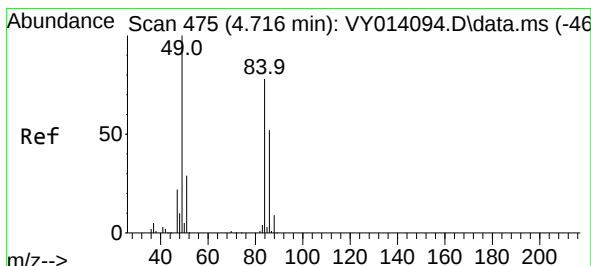
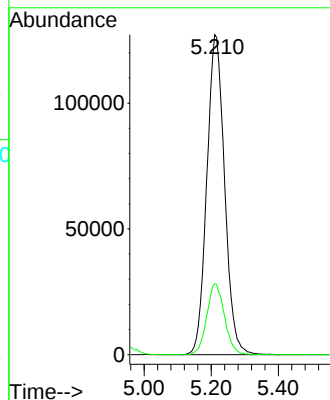
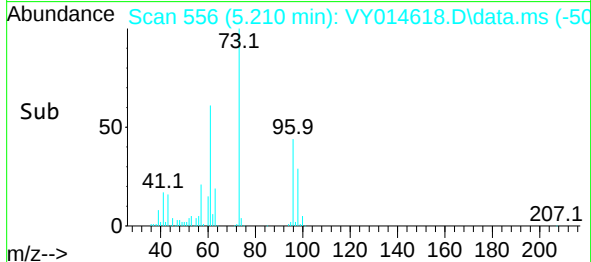
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 46724
Ion Ratio Lower Upper
73 100
57 22.1 17.3 25.9

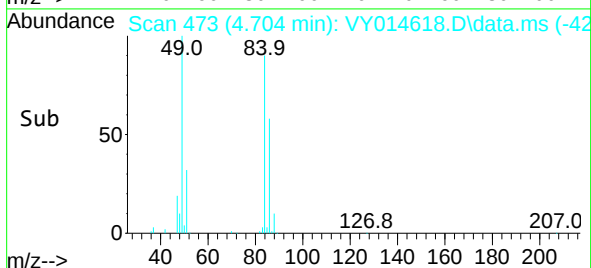
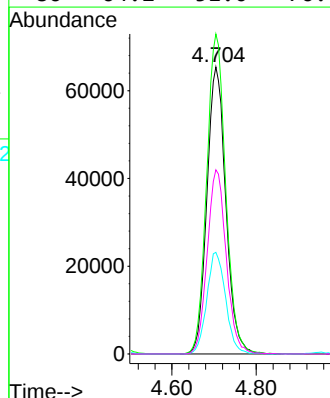
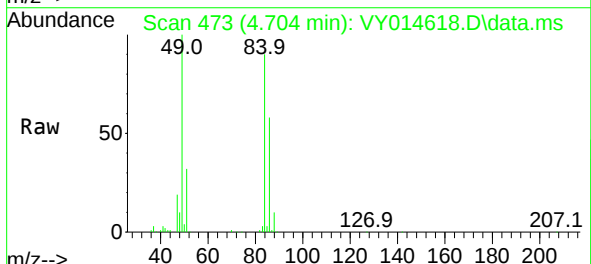
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023



#20
Methylene Chloride
Concen: 59.610 ug/l
RT: 4.704 min Scan# 473
Delta R.T. -0.012 min
Lab File: VY014618.D
Acq: 10 Jul 2023 16:23

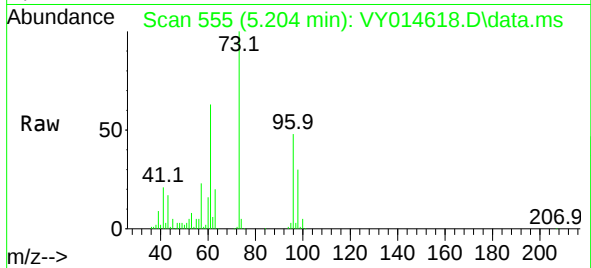
Tgt Ion: 84 Resp: 203858
Ion Ratio Lower Upper
84 100
49 111.5 106.9 160.3
51 35.4 33.2 49.8
86 64.2 51.0 76.6





#21
trans-1,2-Dichloroethene
Concen: 53.573 ug/l
RT: 5.204 min Scan# 51
Delta R.T. -0.018 min
Lab File: VY014618.D
Acq: 10 Jul 2023 16:23

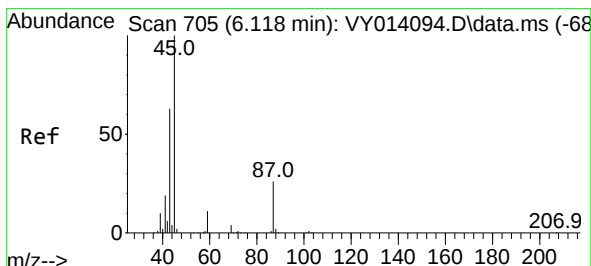
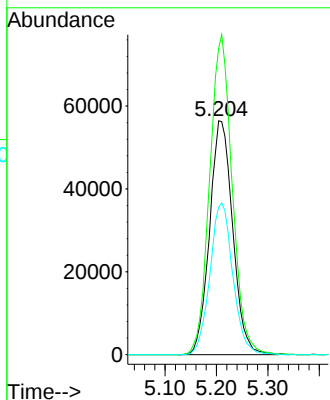
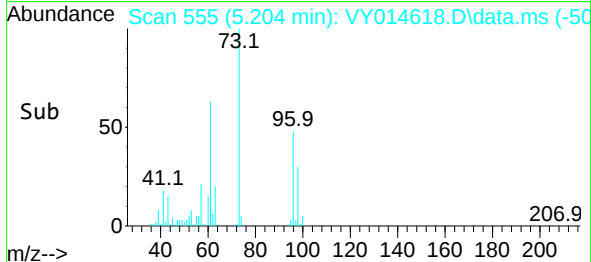
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 17636
Ion Ratio Lower Upper
96 100
61 131.0 110.2 165.4
98 63.1 51.8 77.6

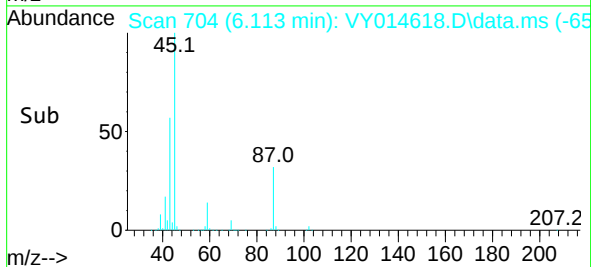
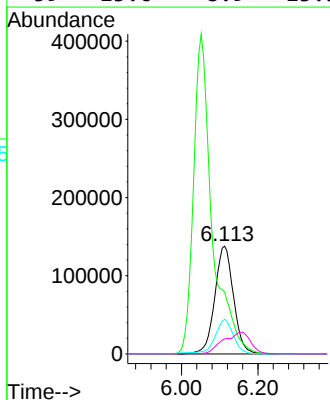
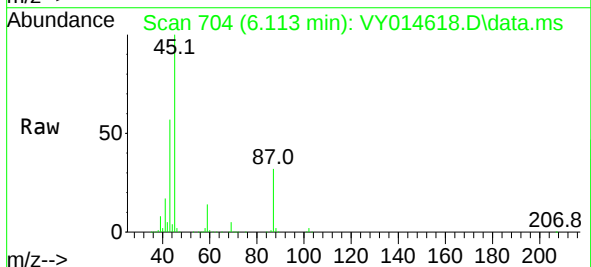
Manual Integrations
APPROVED

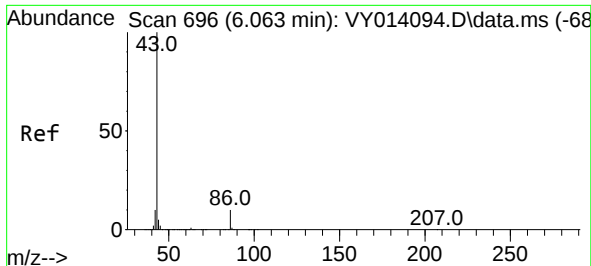
Reviewed By :John Carlone 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023



#22
Diisopropyl ether
Concen: 51.896 ug/l
RT: 6.113 min Scan# 704
Delta R.T. -0.005 min
Lab File: VY014618.D
Acq: 10 Jul 2023 16:23

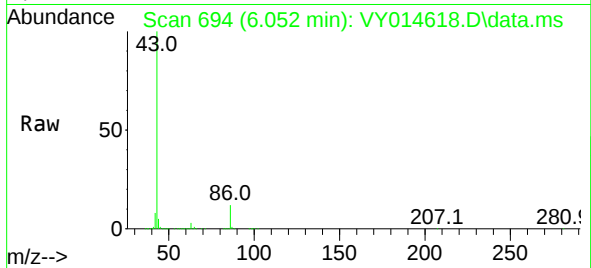
Tgt Ion: 45 Resp: 468742
Ion Ratio Lower Upper
45 100
43 57.0 52.2 78.4
87 32.1 21.0 31.6#
59 13.6 8.9 13.3#





#23
 Vinyl Acetate
 Concen: 264.334 ug/l
 RT: 6.052 min Scan# 61
 Delta R.T. -0.011 min
 Lab File: VY014618.D
 Acq: 10 Jul 2023 16:23

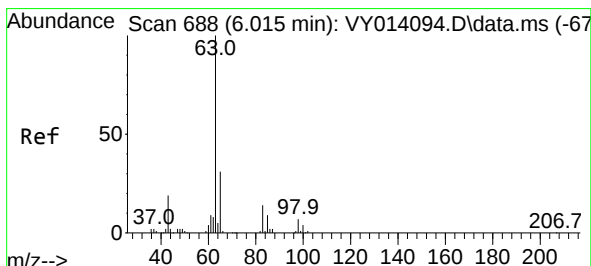
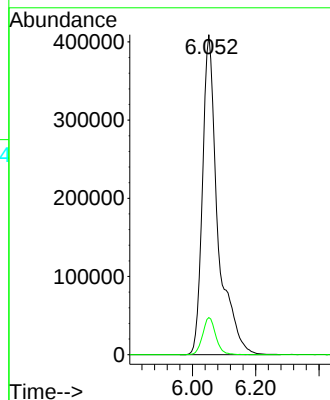
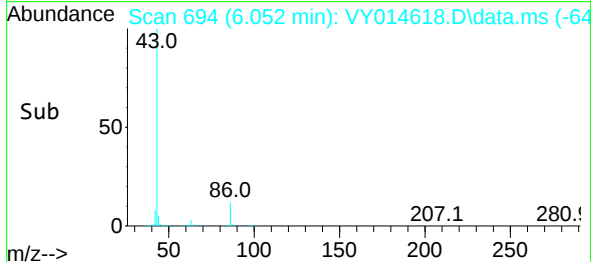
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC



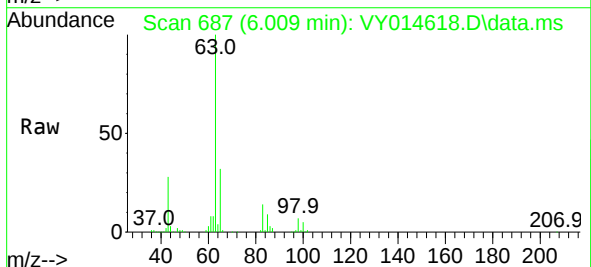
Tgt Ion: 43 Resp: 1381350
 Ion Ratio Lower Upper
 43 100
 86 11.6 7.5 11.3

Manual Integrations
 APPROVED

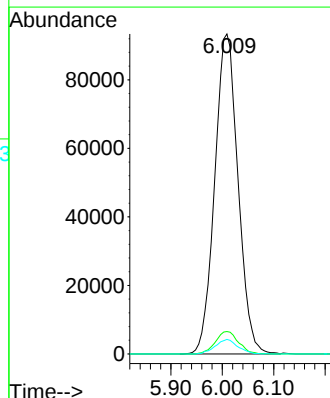
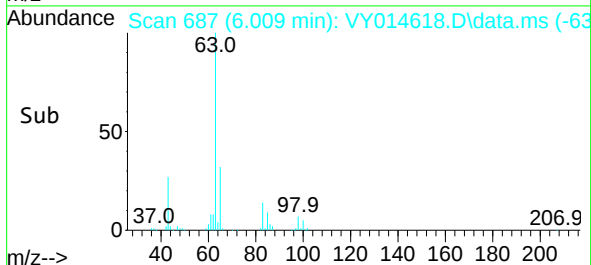
Reviewed By :John Carlone 07/11/2023
 Supervised By :Mahesh Dadoda 07/11/2023

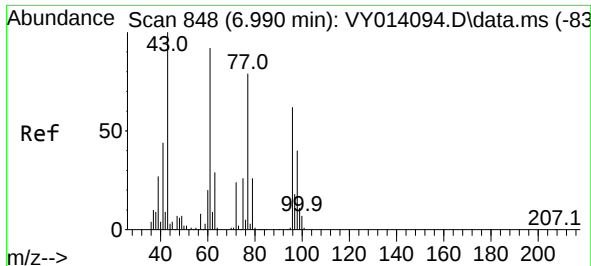


#24
 1,1-Dichloroethane
 Concen: 51.873 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. -0.006 min
 Lab File: VY014618.D
 Acq: 10 Jul 2023 16:23



Tgt Ion: 63 Resp: 294134
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.1 9.4
 100 4.6 1.8 5.5





#25

2-Butanone

Concen: 239.479 ug/l

RT: 6.978 min Scan# 84

Delta R.T. -0.012 min

Lab File: VY014618.D

Acq: 10 Jul 2023 16:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 34156

Ion Ratio Lower Upper

43 100

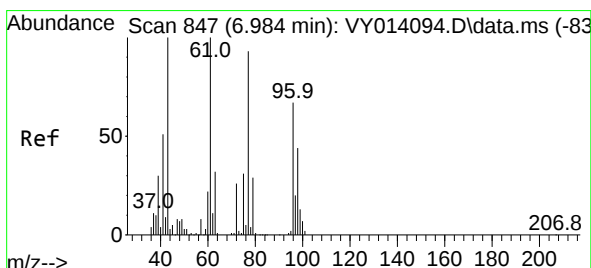
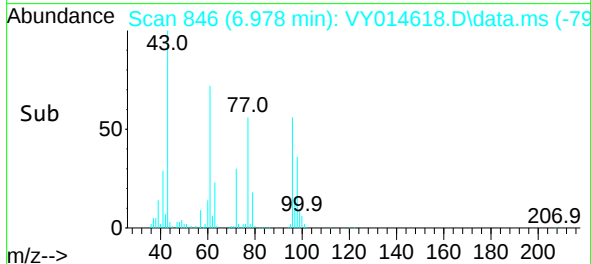
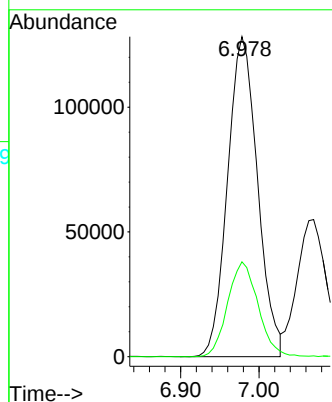
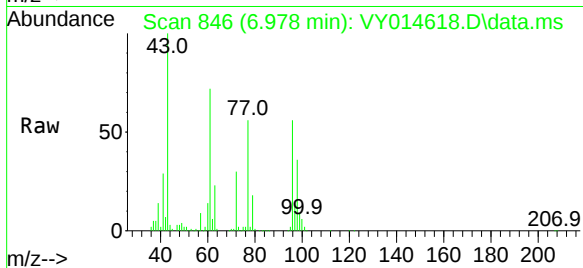
72 29.6 20.5 30.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/11/2023

Supervised By :Mahesh Dadoda 07/11/2023



#26

2,2-Dichloropropane

Concen: 47.481 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.012 min

Lab File: VY014618.D

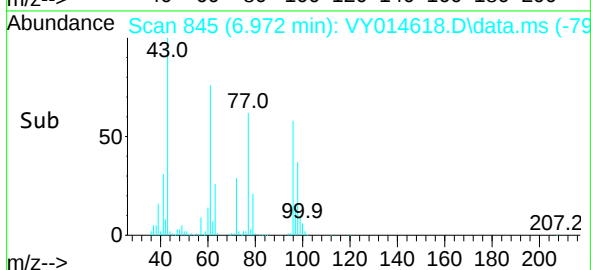
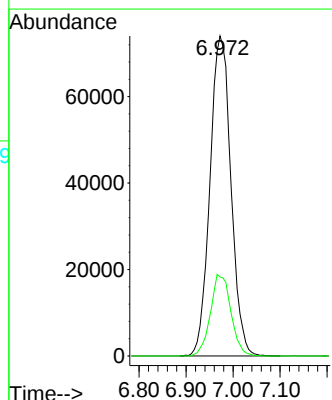
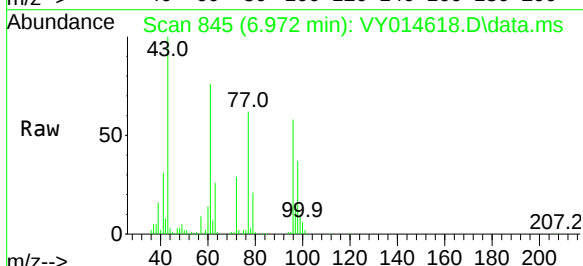
Acq: 10 Jul 2023 16:23

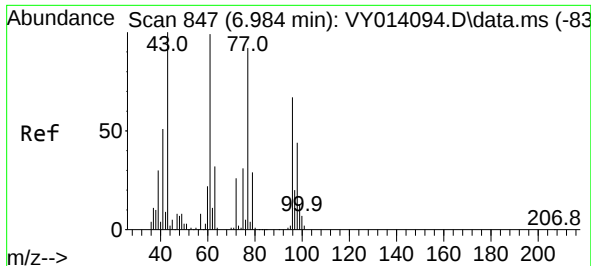
Tgt Ion: 77 Resp: 229480

Ion Ratio Lower Upper

77 100

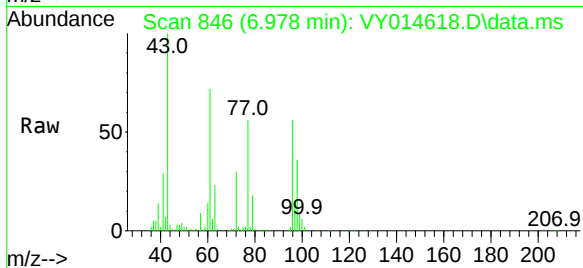
97 24.8 10.9 32.9





#27
 cis-1,2-Dichloroethene
 Concen: 52.259 ug/l
 RT: 6.978 min Scan# 847
 Delta R.T. -0.006 min
 Lab File: VY014618.D
 Acq: 10 Jul 2023 16:23

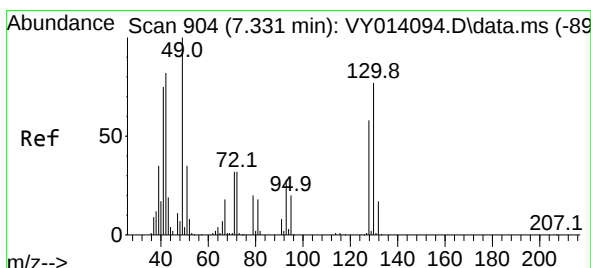
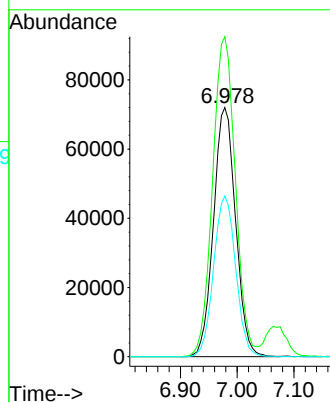
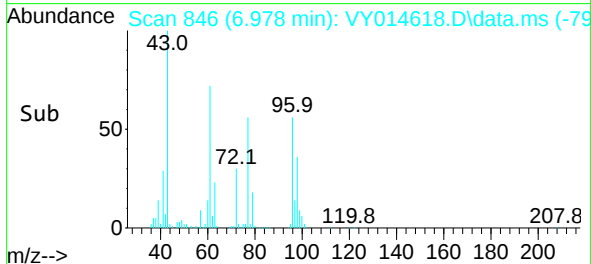
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 195149
 Ion Ratio Lower Upper
 96 100
 61 132.0 0.0 301.4
 98 64.4 0.0 130.4

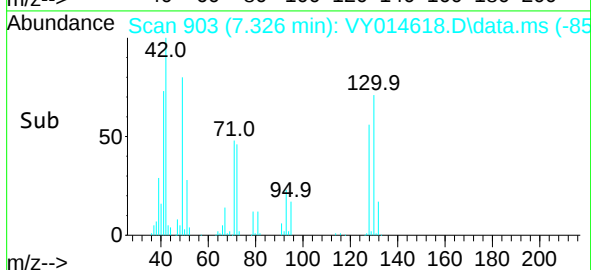
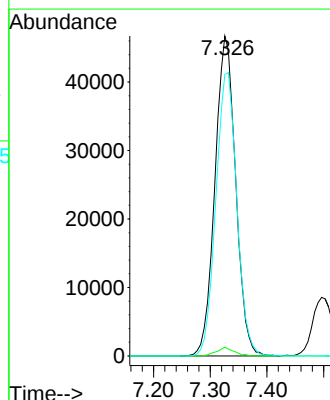
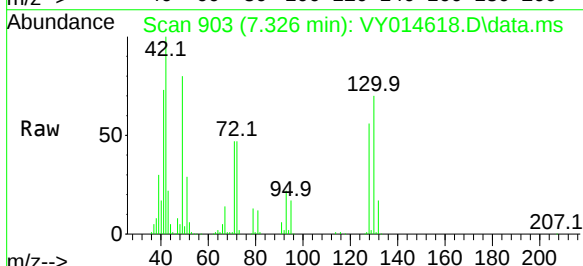
Manual Integrations
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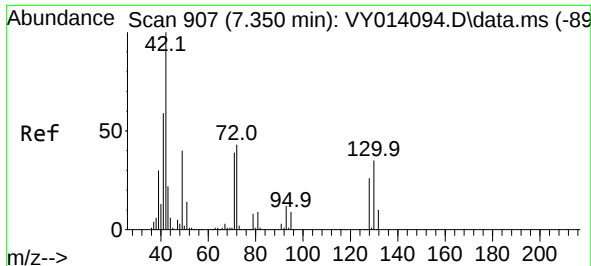
Reviewed By :John Carlone 07/11/2023
 Supervised By :Mahesh Dadoda 07/11/2023



#28
 Bromochloromethane
 Concen: 49.768 ug/l
 RT: 7.326 min Scan# 903
 Delta R.T. -0.005 min
 Lab File: VY014618.D
 Acq: 10 Jul 2023 16:23

Tgt Ion: 49 Resp: 118496
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 4.6
 130 89.8 60.7 91.1





#29

Tetrahydrofuran

Concen: 253.446 ug/l

RT: 7.344 min Scan# 907

Delta R.T. -0.006 min

Lab File: VY014618.D

Acq: 10 Jul 2023 16:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 23316

Ion Ratio Lower Upper

42 100

72 47.8 32.8 49.2

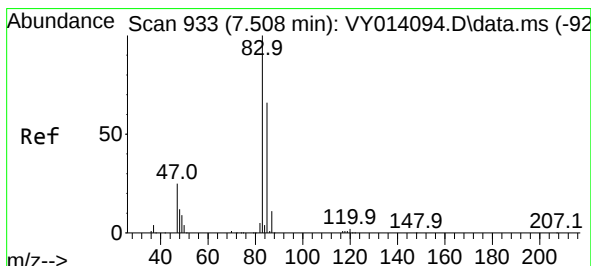
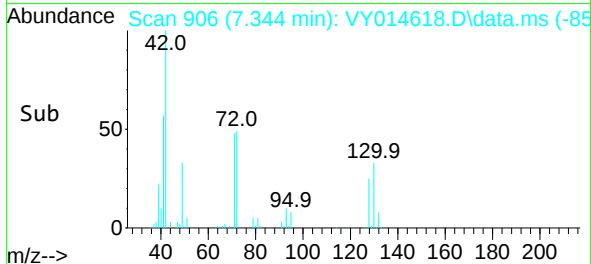
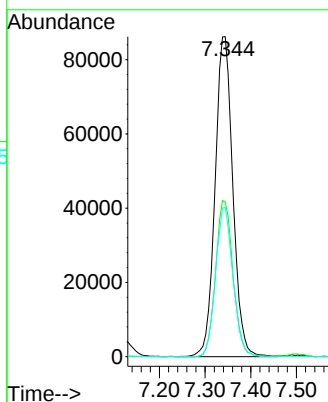
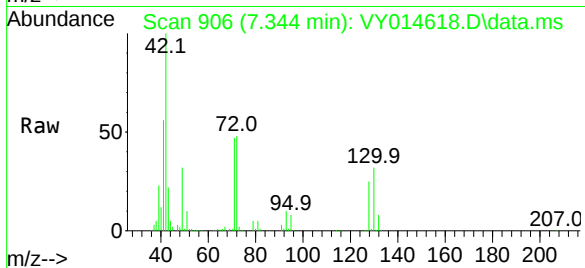
71 45.6 31.0 46.4

Manual Integrations

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Reviewed By :John Carlone 07/11/2023

Supervised By :Mahesh Dadoda 07/11/2023



#30

Chloroform

Concen: 52.293 ug/l

RT: 7.496 min Scan# 931

Delta R.T. -0.012 min

Lab File: VY014618.D

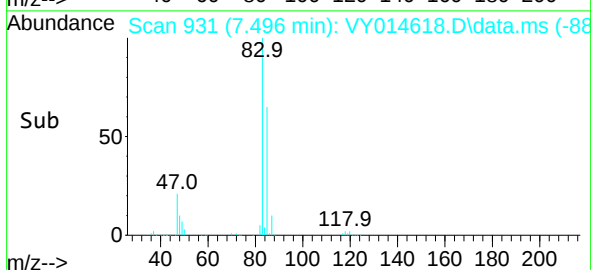
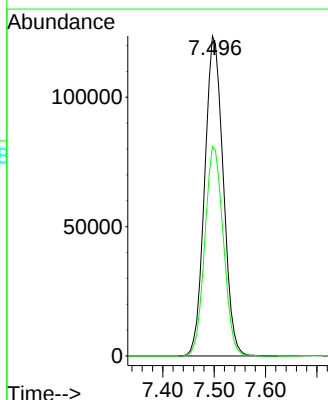
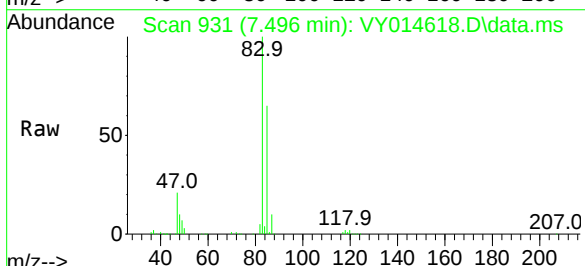
Acq: 10 Jul 2023 16:23

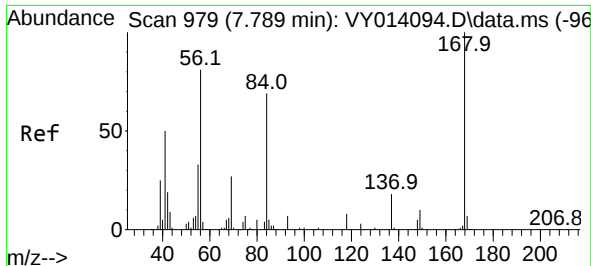
Tgt Ion: 83 Resp: 309315

Ion Ratio Lower Upper

83 100

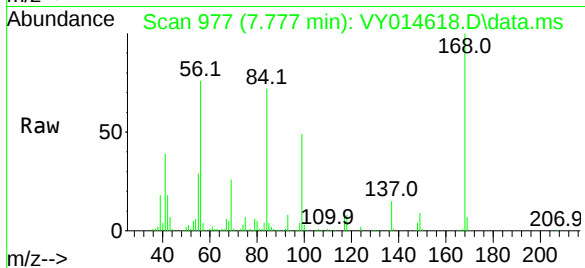
85 65.4 49.7 74.5





#31
Cyclohexane
Concen: 50.055 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY014618.D
Acq: 10 Jul 2023 16:23

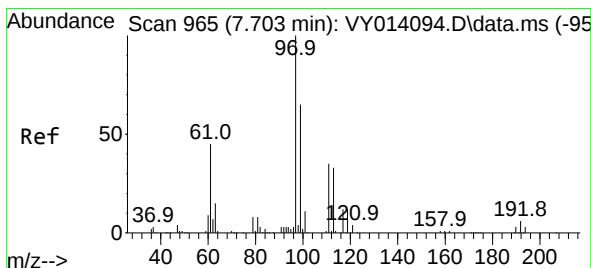
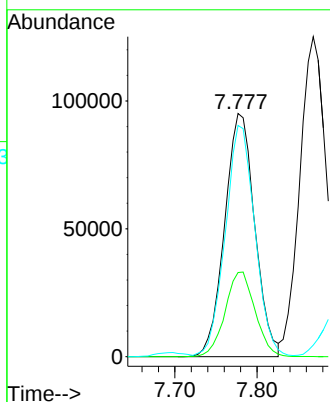
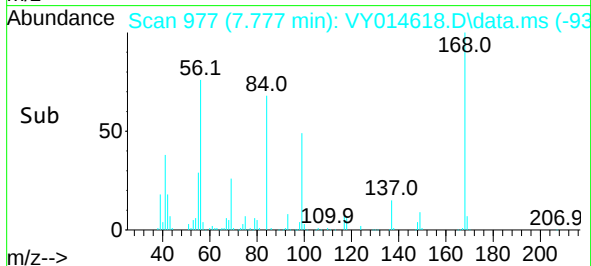
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



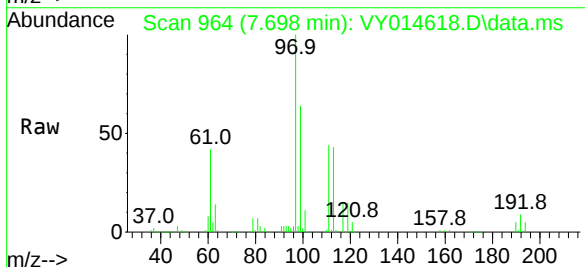
Tgt Ion: 56 Resp: 242220
Ion Ratio Lower Upper
56 100
69 34.6 27.8 41.6
84 93.7 66.4 99.6

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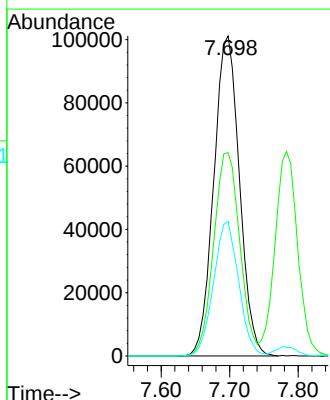
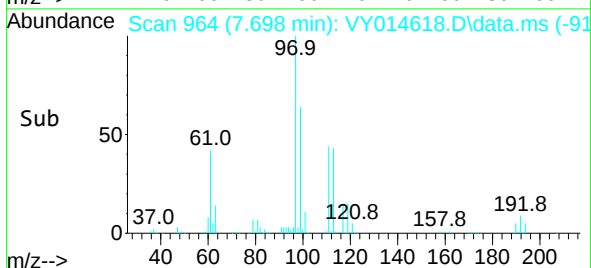
Reviewed By :John Carlone 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023

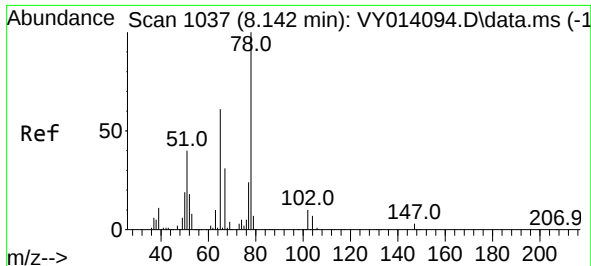


#32
1,1,1-Trichloroethane
Concen: 51.954 ug/l
RT: 7.698 min Scan# 964
Delta R.T. -0.005 min
Lab File: VY014618.D
Acq: 10 Jul 2023 16:23



Tgt Ion: 97 Resp: 262677
Ion Ratio Lower Upper
97 100
99 64.7 50.8 76.2
61 41.2 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 50.570 ug/l

RT: 8.137 min Scan# 1036

Delta R.T. -0.005 min

Lab File: VY014618.D

Acq: 10 Jul 2023 16:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 15598

Ion Ratio Lower Upper

65 100

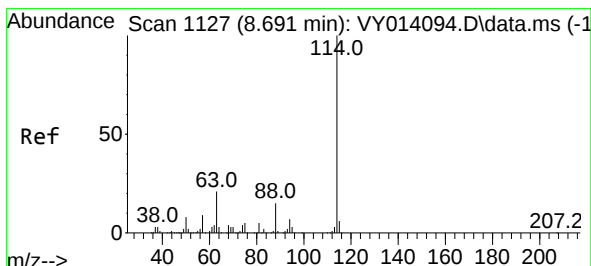
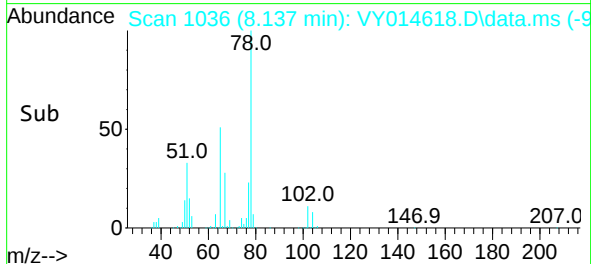
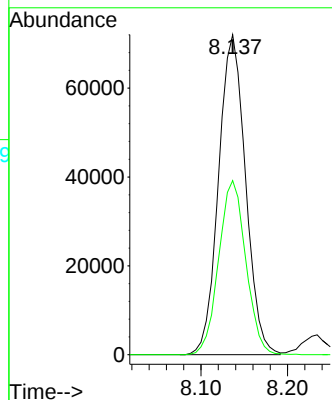
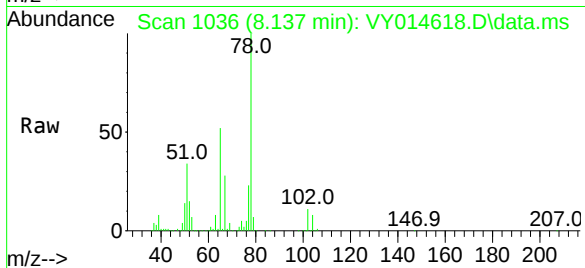
67 54.6 0.0 101.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/11/2023

Supervised By :Mahesh Dadoda 07/11/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY014618.D

Acq: 10 Jul 2023 16:23

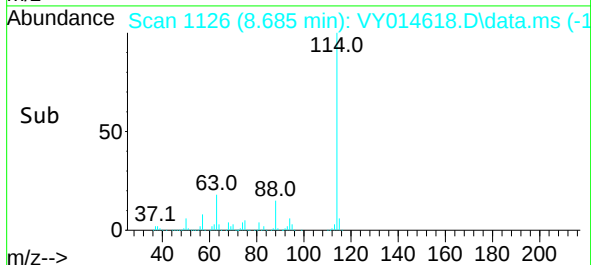
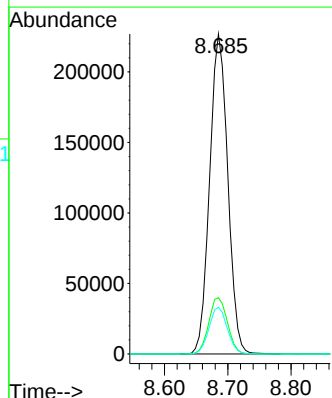
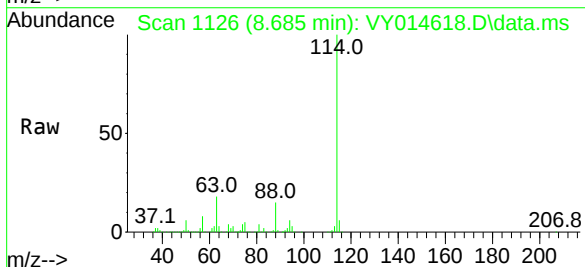
Tgt Ion:114 Resp: 451383

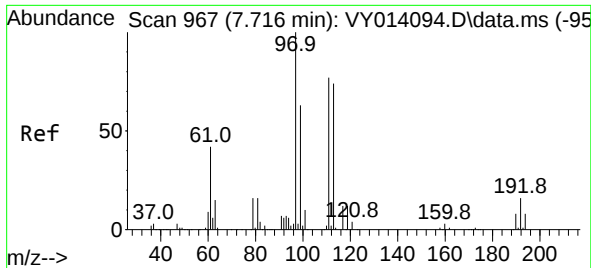
Ion Ratio Lower Upper

114 100

63 17.6 0.0 42.4

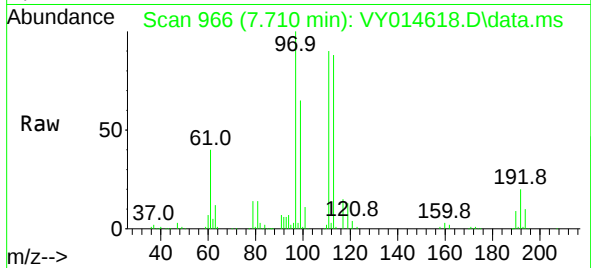
88 14.6 0.0 30.6





#35
Dibromofluoromethane
Concen: 54.150 ug/l
RT: 7.710 min Scan# 901
Delta R.T. -0.006 min
Lab File: VY014618.D
Acq: 10 Jul 2023 16:23

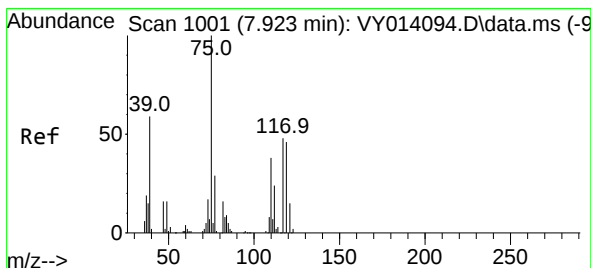
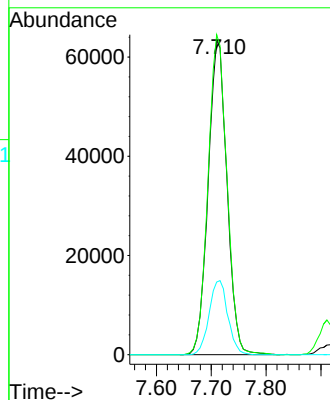
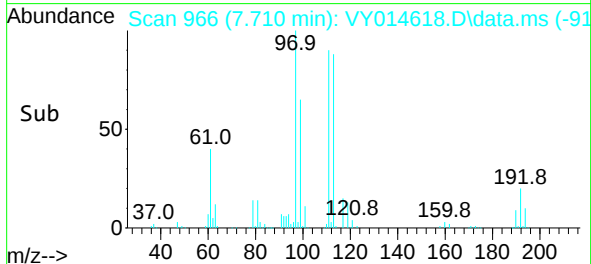
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion:113 Resp: 150519
Ion Ratio Lower Upper
113 100
111 102.5 81.3 121.9
192 23.5 16.9 25.3

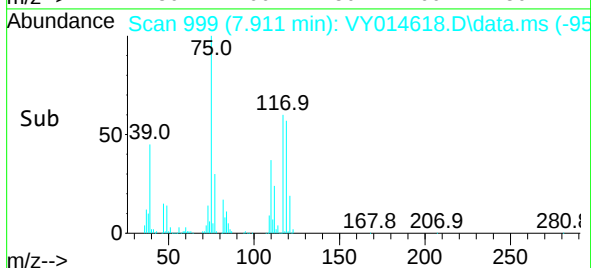
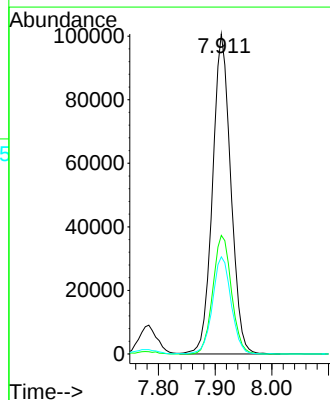
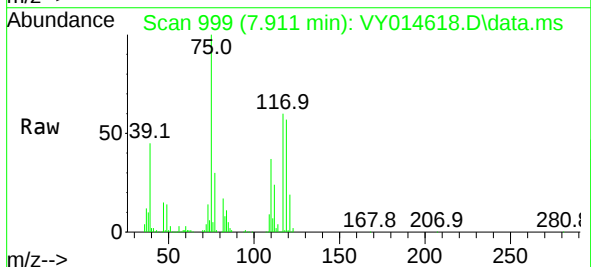
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023



#36
1,1-Dichloropropene
Concen: 52.710 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.012 min
Lab File: VY014618.D
Acq: 10 Jul 2023 16:23

Tgt Ion: 75 Resp: 224372
Ion Ratio Lower Upper
75 100
110 37.7 17.8 53.5
77 31.1 24.4 36.6





#37

Ethyl Acetate

Concen: 51.270 ug/l

RT: 7.070 min Scan# 80

Delta R.T. -0.005 min

Lab File: VY014618.D

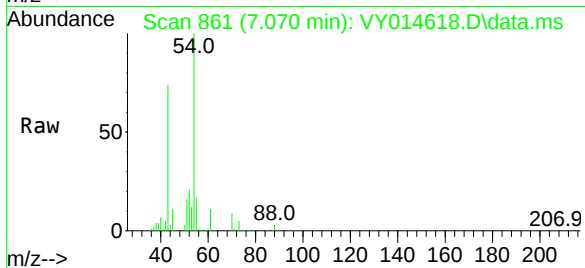
Acq: 10 Jul 2023 16:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 43 Resp: 149670

Ion Ratio Lower Upper

43 100

61 16.0 10.1 15.1

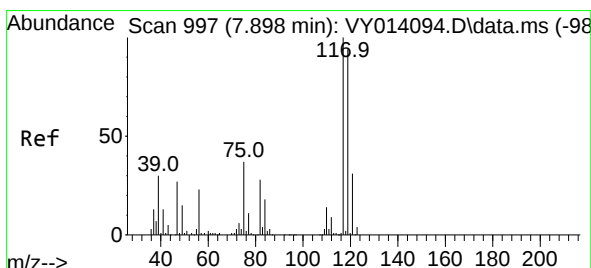
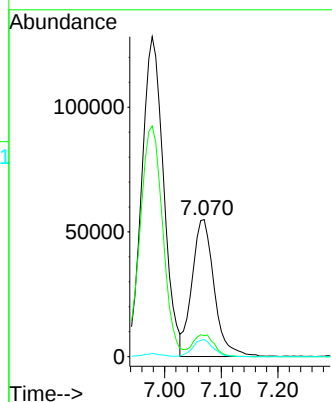
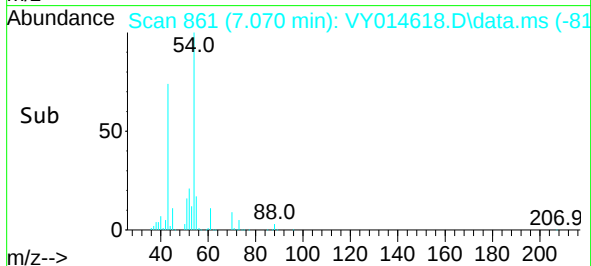
70 11.6 7.1 10.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/11/2023

Supervised By :Mahesh Dadoda 07/11/2023



#38

Carbon Tetrachloride

Concen: 54.955 ug/l

RT: 7.893 min Scan# 996

Delta R.T. -0.005 min

Lab File: VY014618.D

Acq: 10 Jul 2023 16:23

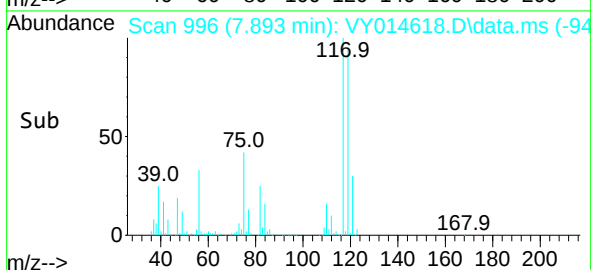
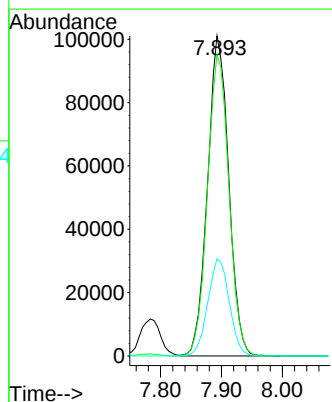
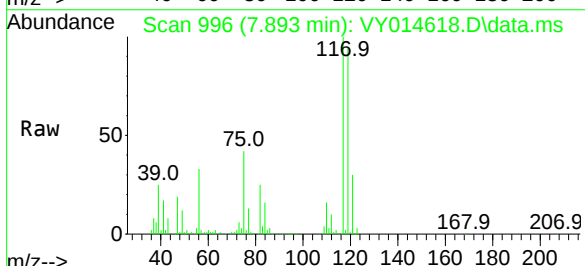
Tgt Ion:117 Resp: 244200

Ion Ratio Lower Upper

117 100

119 94.2 76.4 114.6

121 30.4 25.8 38.6





#39

Methylcyclohexane

Concen: 56.144 ug/l

RT: 9.179 min Scan# 1039

Delta R.T. -0.006 min

Lab File: VY014618.D

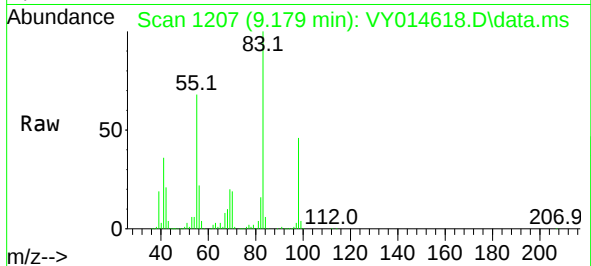
Acq: 10 Jul 2023 16:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 83 Resp: 28566

Ion Ratio Lower Upper

83 100

55 68.2 63.0 94.4

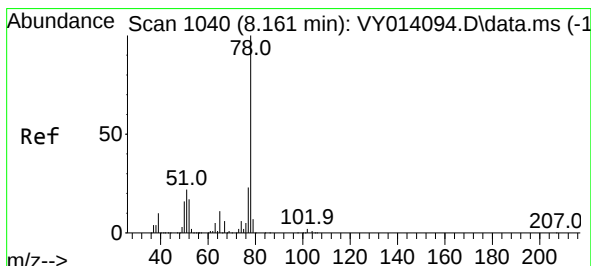
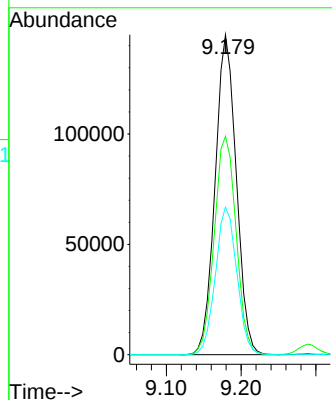
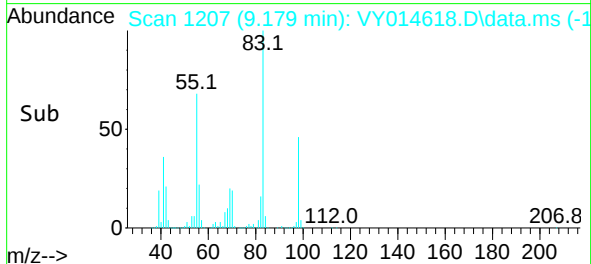
98 46.1 37.4 56.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/11/2023

Supervised By :Mahesh Dadoda 07/11/2023



#40

Benzene

Concen: 52.204 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.006 min

Lab File: VY014618.D

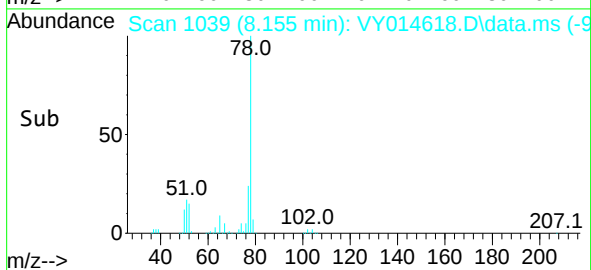
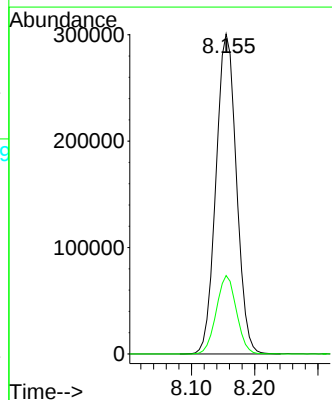
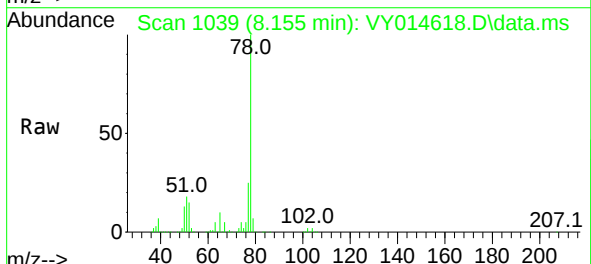
Acq: 10 Jul 2023 16:23

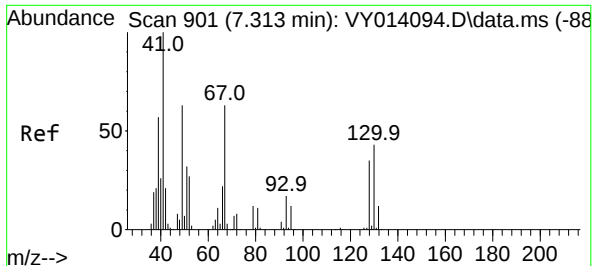
Tgt Ion: 78 Resp: 672671

Ion Ratio Lower Upper

78 100

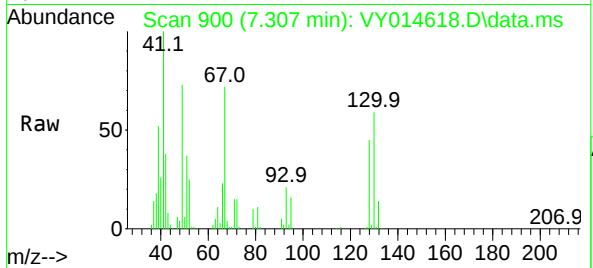
77 24.5 19.0 28.6





#41
Methacrylonitrile
Concen: 52.098 ug/l m
RT: 7.307 min Scan# 901
Delta R.T. -0.006 min
Lab File: VY014618.D
Acq: 10 Jul 2023 16:23

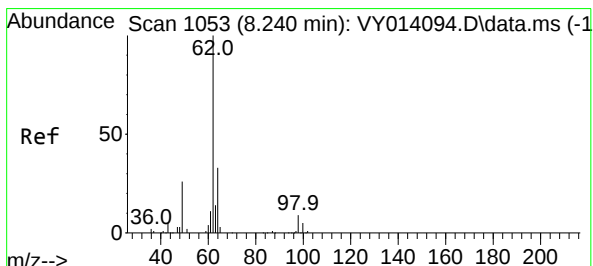
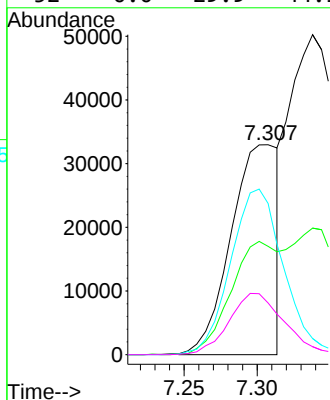
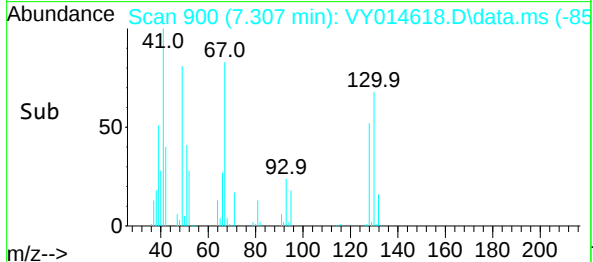
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 74300
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

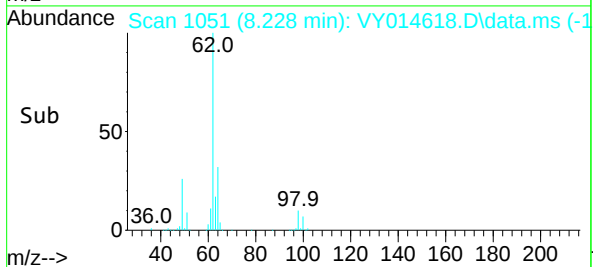
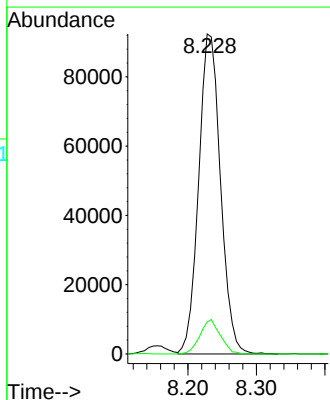
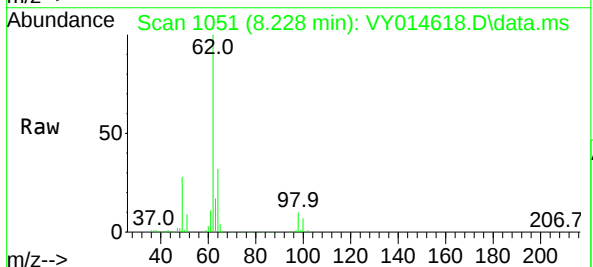
Manual Integrations
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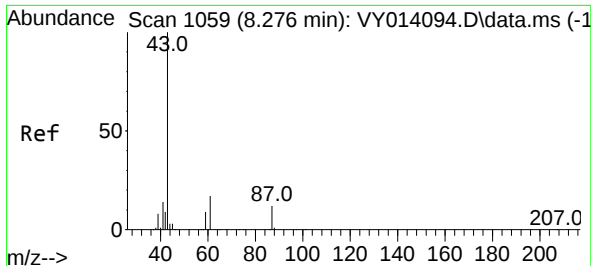
Reviewed By :John Carlone 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023



#42
1,2-Dichloroethane
Concen: 54.126 ug/l
RT: 8.228 min Scan# 1051
Delta R.T. -0.012 min
Lab File: VY014618.D
Acq: 10 Jul 2023 16:23

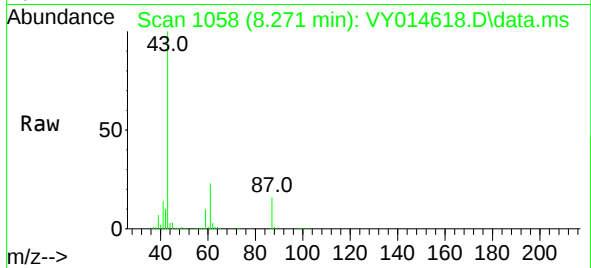
Tgt Ion: 62 Resp: 204996
Ion Ratio Lower Upper
62 100
98 10.0 0.0 15.8





#43
Isopropyl Acetate
Concen: 51.751 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. -0.005 min
Lab File: VY014618.D
Acq: 10 Jul 2023 16:23

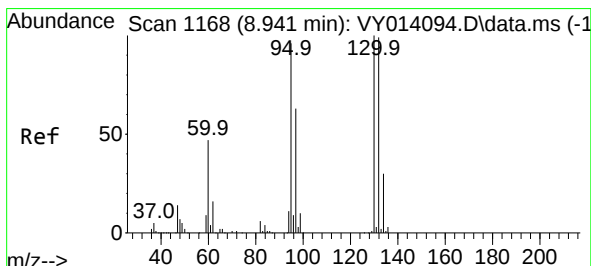
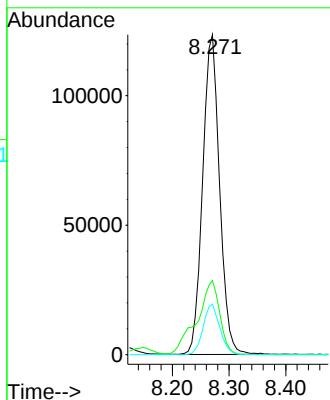
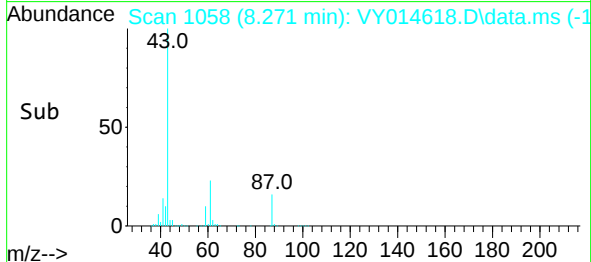
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 256025
Ion Ratio Lower Upper
43 100
61 31.5 21.1 31.7
87 15.5 9.8 14.8

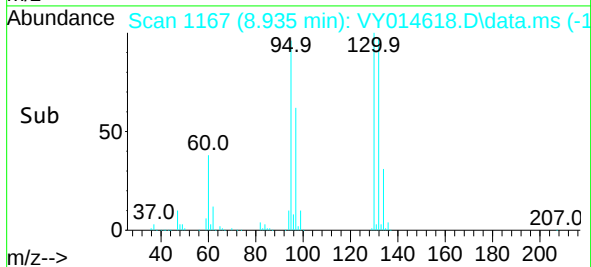
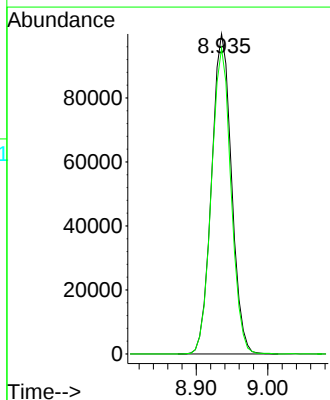
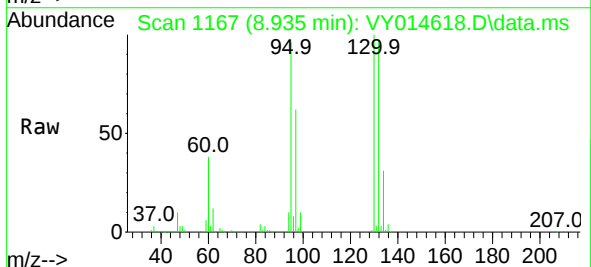
Manual Integrations
APPROVED

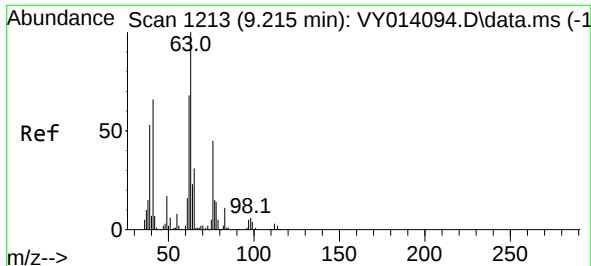
Reviewed By :John Carlone 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023



#44
Trichloroethene
Concen: 53.829 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. -0.006 min
Lab File: VY014618.D
Acq: 10 Jul 2023 16:23

Tgt Ion:130 Resp: 193367
Ion Ratio Lower Upper
130 100
95 95.5 0.0 196.0





#45

1,2-Dichloropropane

Concen: 53.825 ug/l

RT: 9.210 min Scan# 1212

Delta R.T. -0.005 min

Lab File: VY014618.D

Acq: 10 Jul 2023 16:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 17792

Ion Ratio Lower Upper

63 100

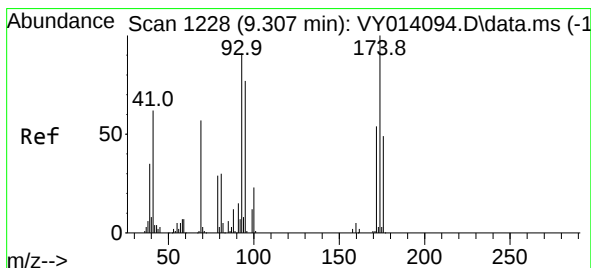
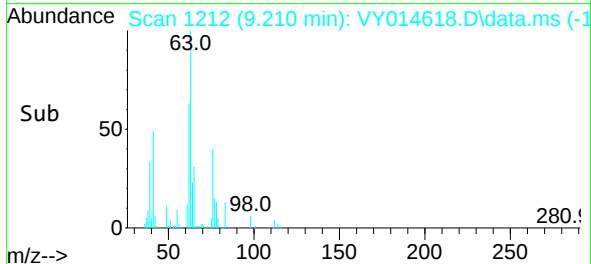
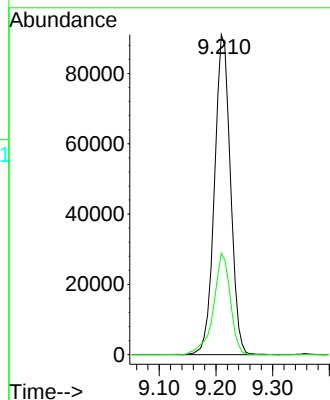
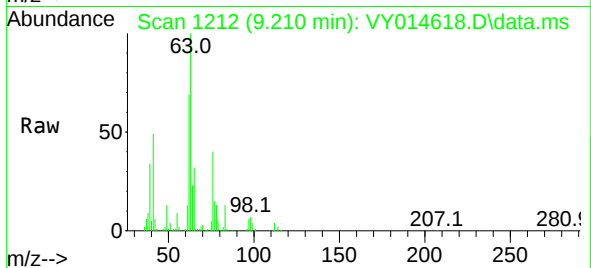
65 31.6 23.8 35.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/11/2023

Supervised By :Mahesh Dadoda 07/11/2023



#46

Dibromomethane

Concen: 53.202 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.006 min

Lab File: VY014618.D

Acq: 10 Jul 2023 16:23

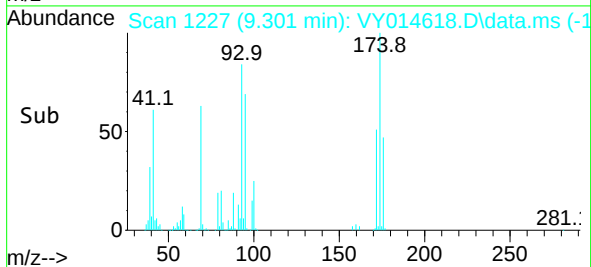
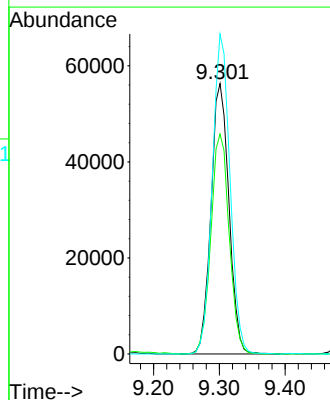
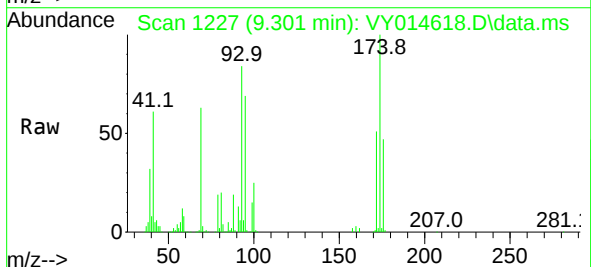
Tgt Ion: 93 Resp: 107062

Ion Ratio Lower Upper

93 100

95 82.9 66.6 100.0

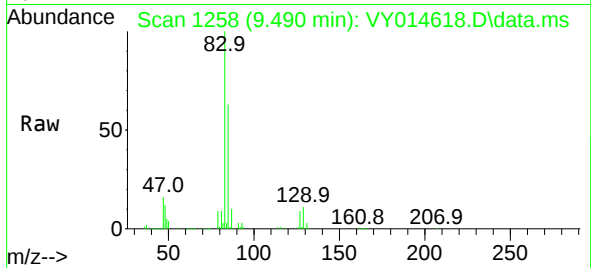
174 116.7 84.8 127.2





#47
Bromodichloromethane
Concen: 54.949 ug/l
RT: 9.490 min Scan# 1258
Delta R.T. -0.006 min
Lab File: VY014618.D
Acq: 10 Jul 2023 16:23

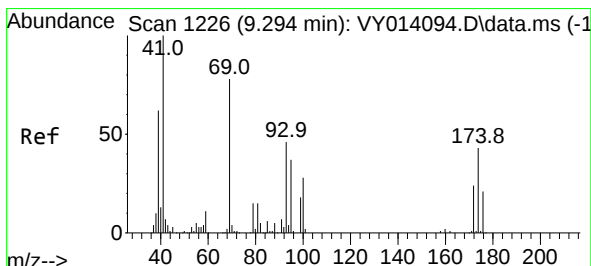
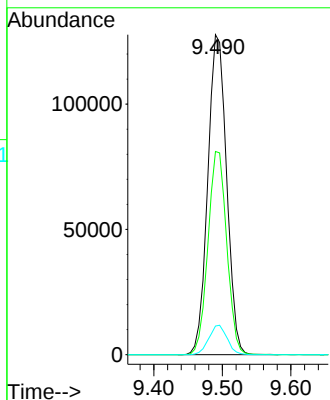
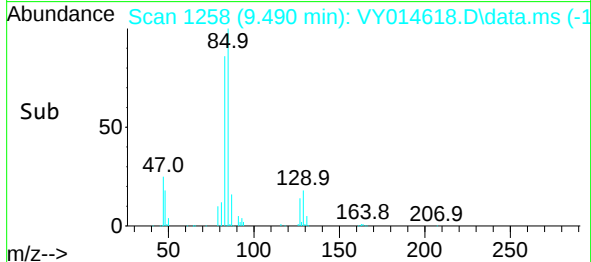
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



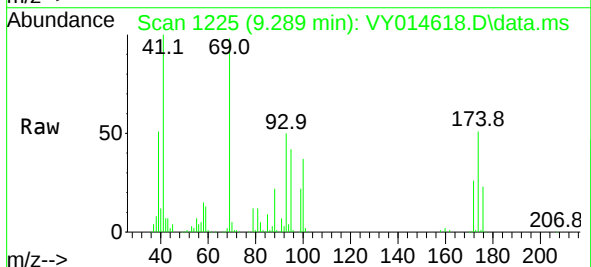
Tgt Ion: 83 Resp: 24364
Ion Ratio Lower Upper
83 100
85 63.5 50.1 75.1
127 9.0 7.1 10.7

Manual Integrations
APPROVED

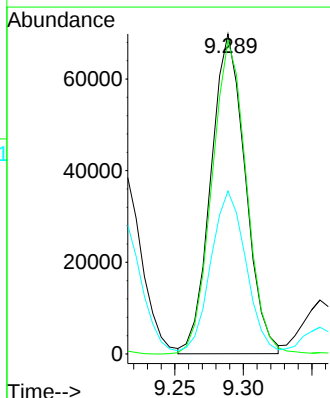
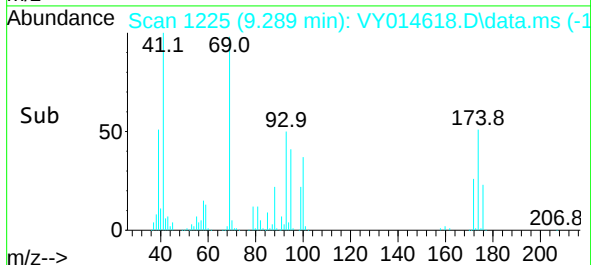
Reviewed By :John Carlone 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023

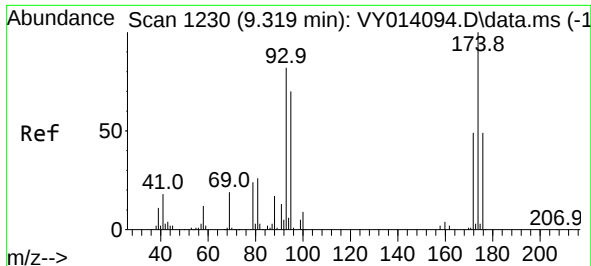


#48
Methyl methacrylate
Concen: 54.225 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.005 min
Lab File: VY014618.D
Acq: 10 Jul 2023 16:23



Tgt Ion: 41 Resp: 121991
Ion Ratio Lower Upper
41 100
69 98.3 64.5 96.7#
39 50.3 50.8 76.2#





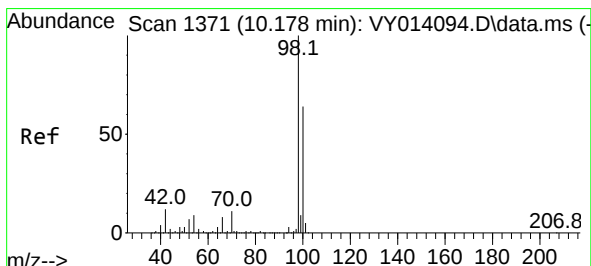
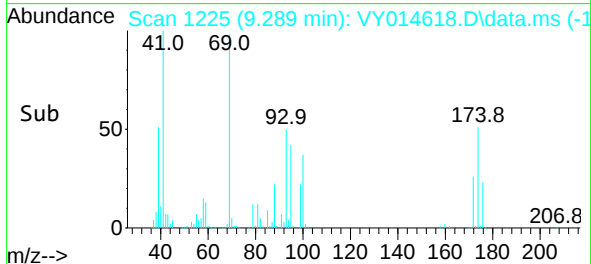
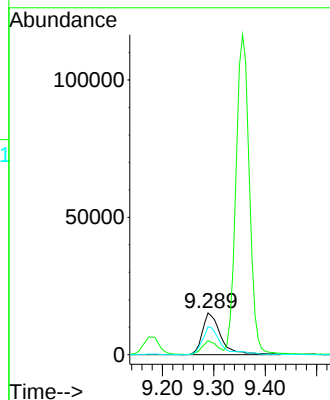
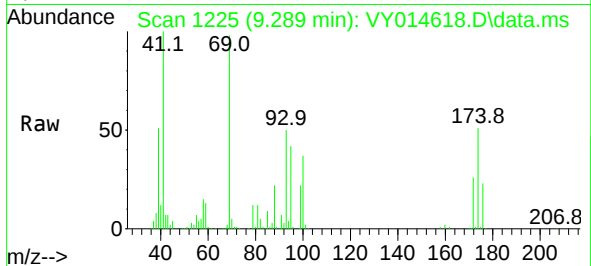
#49
1,4-Dioxane
Concen: 1049.990 ug/l
RT: 9.289 min Scan# 11
Delta R.T. -0.030 min
Lab File: VY014618.D
Acq: 10 Jul 2023 16:23

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 88 Resp: 3773
Ion Ratio Lower Upper
88 100
43 27.9 0.0 0.0
58 67.7 30.9 46.3

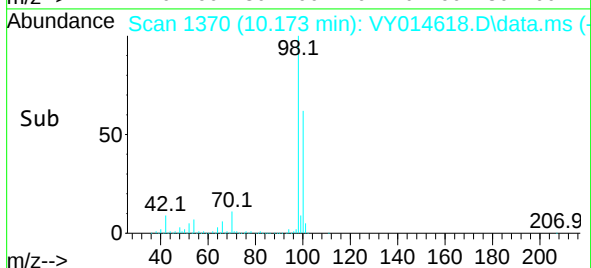
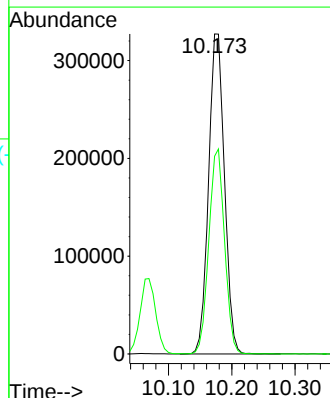
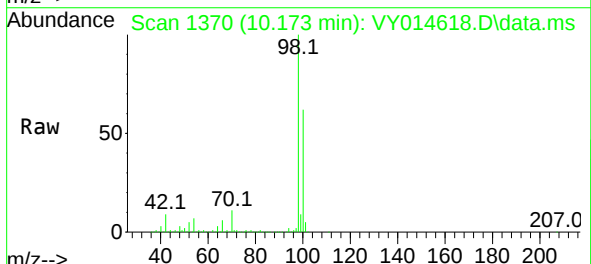
Manual Integrations
APPROVED

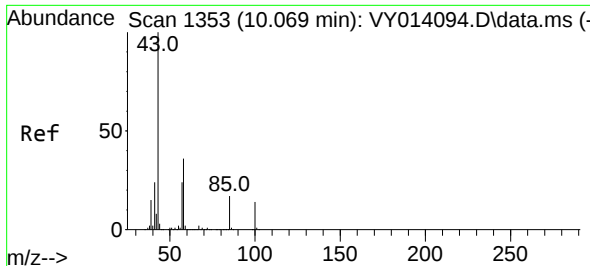
Reviewed By :John Carlone 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023



#50
Toluene-d8
Concen: 52.092 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.005 min
Lab File: VY014618.D
Acq: 10 Jul 2023 16:23

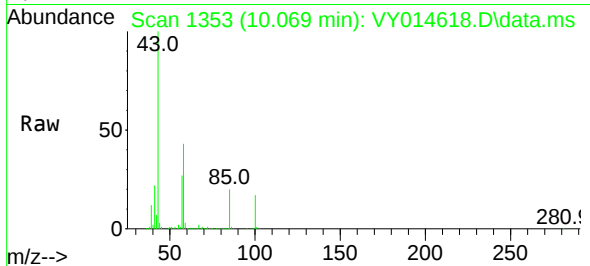
Tgt Ion: 98 Resp: 572403
Ion Ratio Lower Upper
98 100
100 63.4 50.1 75.1





#51
4-Methyl-2-Pentanone
Concen: 264.882 ug/l
RT: 10.069 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY014618.D
Acq: 10 Jul 2023 16:23

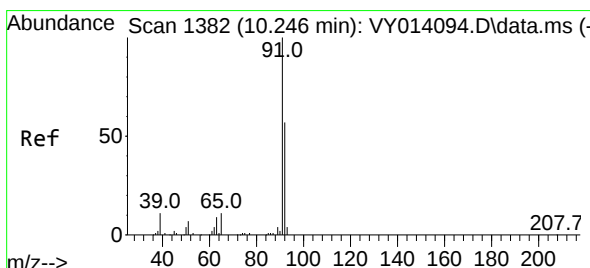
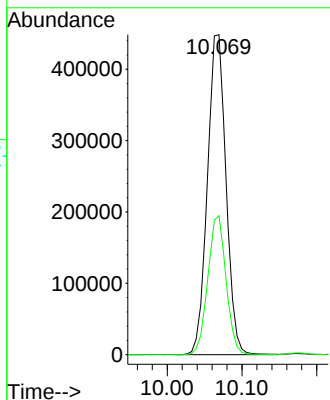
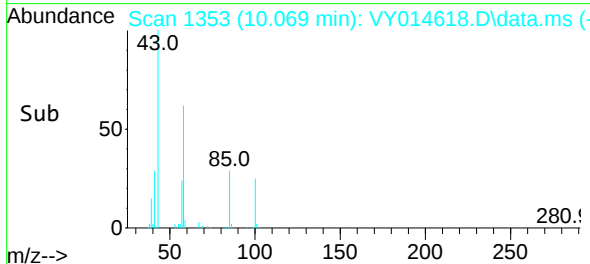
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



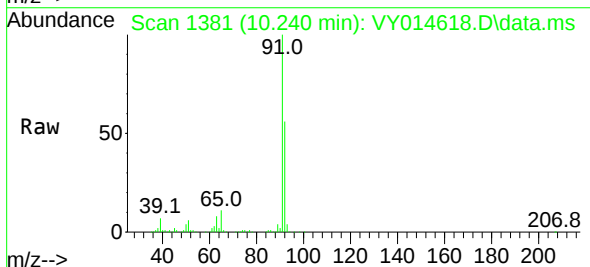
Tgt Ion: 43 Resp: 775800
Ion Ratio Lower Upper
43 100
58 42.5 29.0 43.6

Manual Integrations
APPROVED

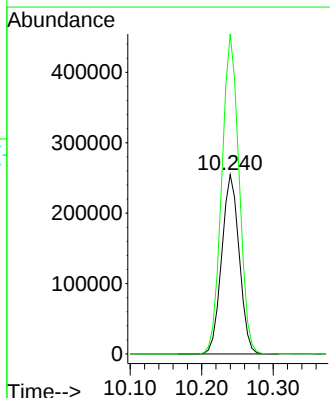
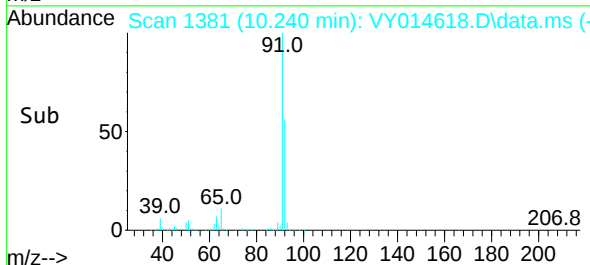
Reviewed By :John Carlone 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023

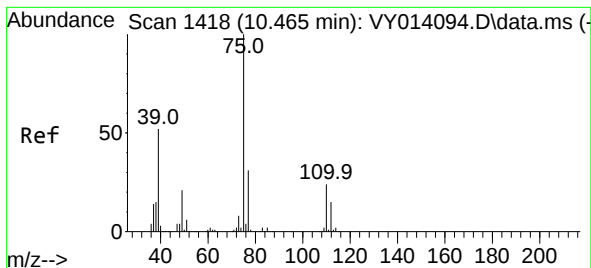


#52
Toluene
Concen: 53.270 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.006 min
Lab File: VY014618.D
Acq: 10 Jul 2023 16:23



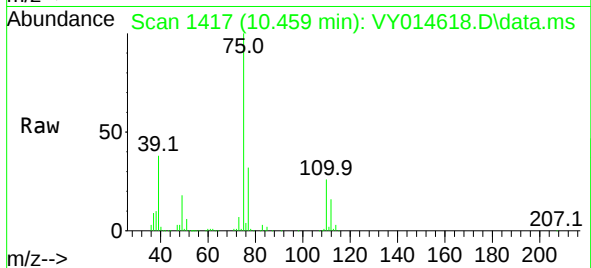
Tgt Ion: 92 Resp: 431946
Ion Ratio Lower Upper
92 100
91 176.8 143.8 215.6





#53
 t-1,3-Dichloropropene
 Concen: 54.532 ug/l
 RT: 10.459 min Scan# 1418
 Delta R.T. -0.006 min
 Lab File: VY014618.D
 Acq: 10 Jul 2023 16:23

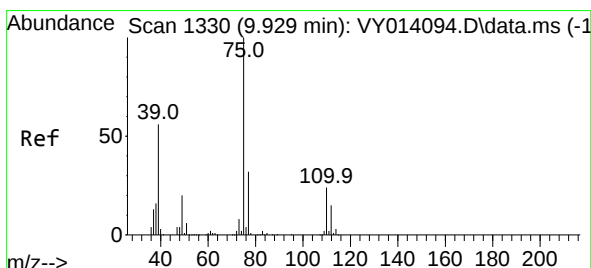
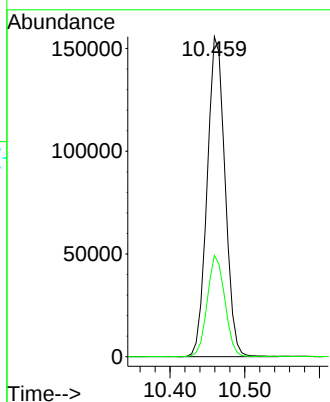
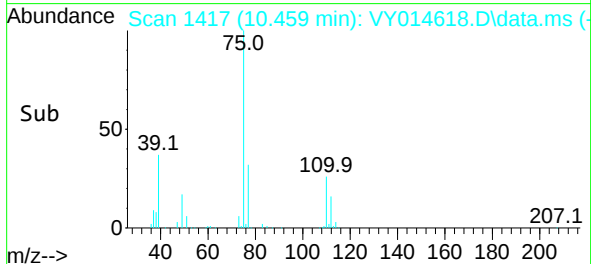
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC



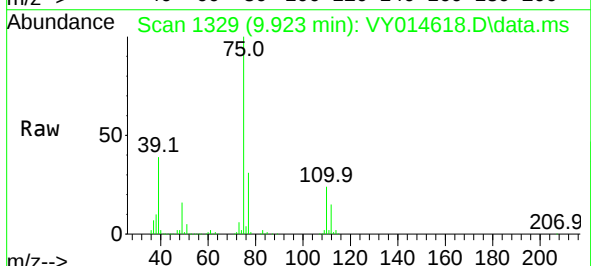
Tgt Ion: 75 Resp: 258568
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.0 37.4

Manual Integrations
 APPROVED

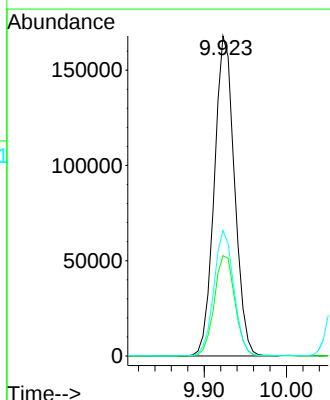
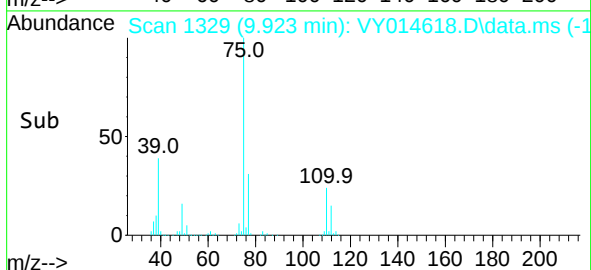
Reviewed By :John Carlone 07/11/2023
 Supervised By :Mahesh Dadoda 07/11/2023

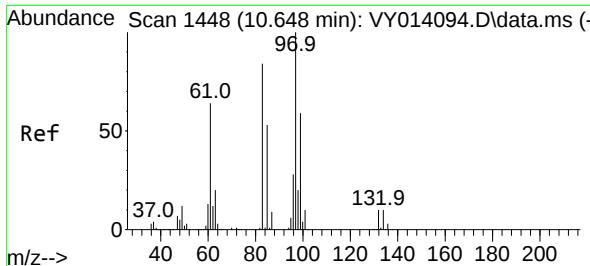


#54
 cis-1,3-Dichloropropene
 Concen: 54.176 ug/l
 RT: 9.923 min Scan# 1329
 Delta R.T. -0.006 min
 Lab File: VY014618.D
 Acq: 10 Jul 2023 16:23



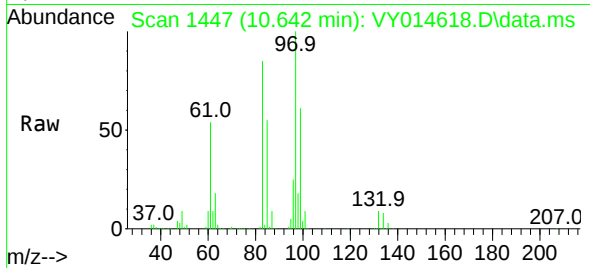
Tgt Ion: 75 Resp: 286607
 Ion Ratio Lower Upper
 75 100
 77 31.4 24.2 36.4
 39 39.1 42.2 63.4#





#55
1,1,2-Trichloroethane
Concen: 54.313 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. -0.006 min
Lab File: VY014618.D
Acq: 10 Jul 2023 16:23

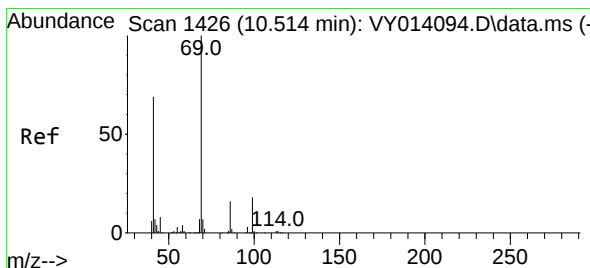
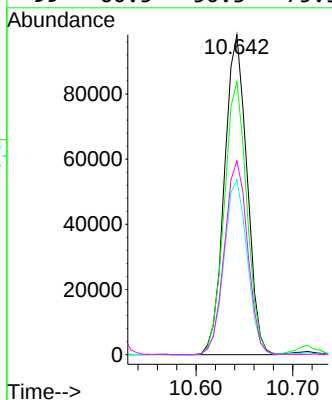
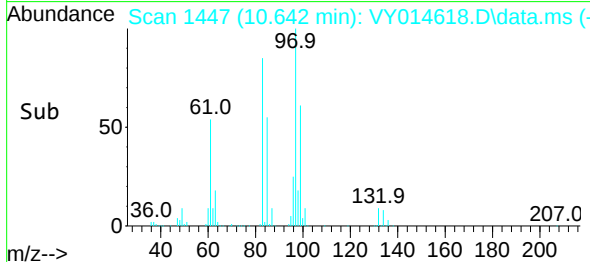
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



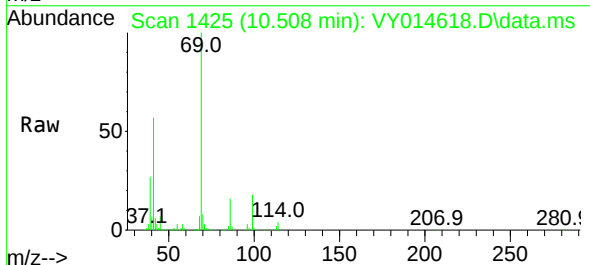
Tgt Ion: 97 Resp: 159040
Ion Ratio Lower Upper
97 100
83 85.3 72.0 108.0
85 54.7 45.4 68.0
99 60.5 50.3 75.5

Manual Integrations
APPROVED

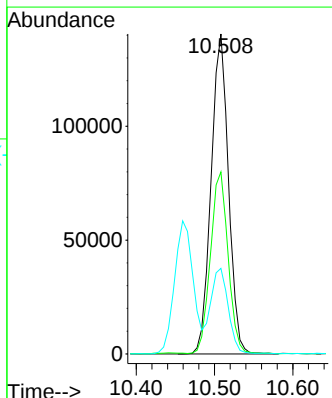
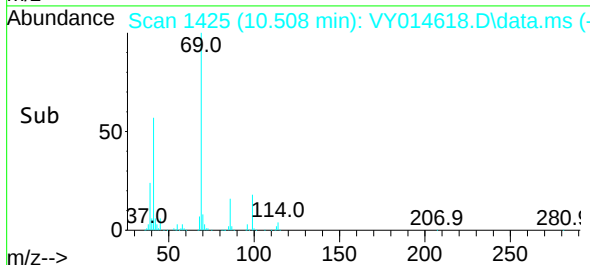
Reviewed By :John Carlone 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023

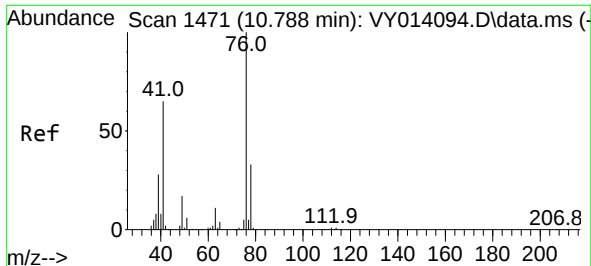


#56
Ethyl methacrylate
Concen: 54.305 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.006 min
Lab File: VY014618.D
Acq: 10 Jul 2023 16:23



Tgt Ion: 69 Resp: 216310
Ion Ratio Lower Upper
69 100
41 57.7 57.6 86.4
39 27.5 34.1 51.1#





#57

1,3-Dichloropropane

Concen: 53.123 ug/l

RT: 10.789 min Scan# 1471

Delta R.T. 0.001 min

Lab File: VY014618.D

Acq: 10 Jul 2023 16:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 253458

Ion Ratio Lower Upper

76 100

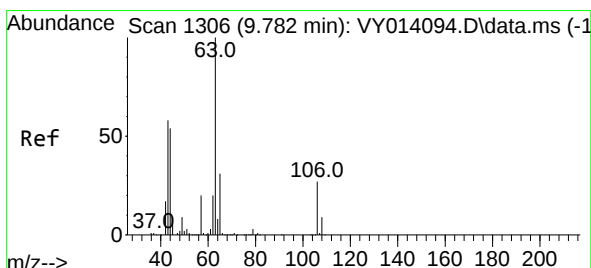
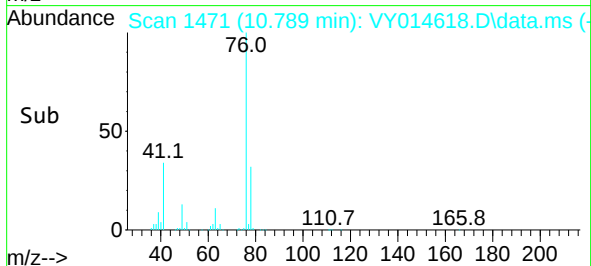
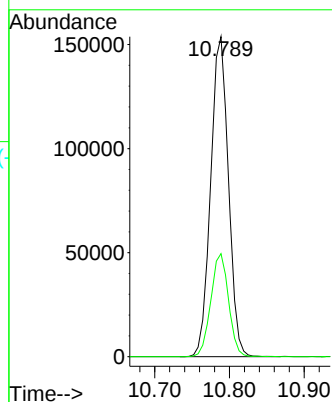
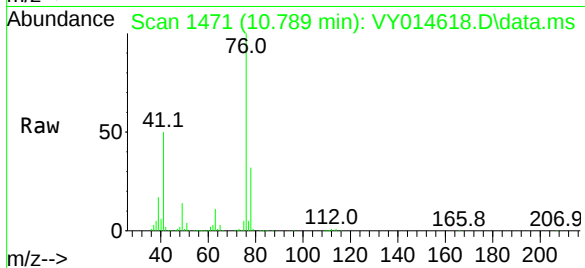
78 32.2 25.3 37.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/11/2023

Supervised By :Mahesh Dadoda 07/11/2023



#58

2-Chloroethyl Vinyl ether

Concen: 263.653 ug/l

RT: 9.777 min Scan# 1305

Delta R.T. -0.005 min

Lab File: VY014618.D

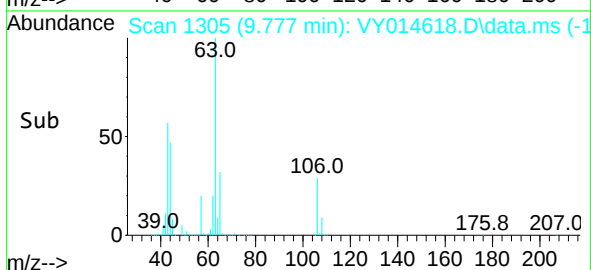
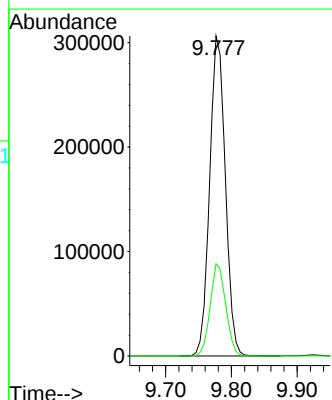
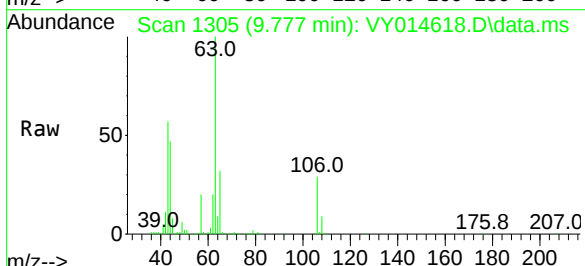
Acq: 10 Jul 2023 16:23

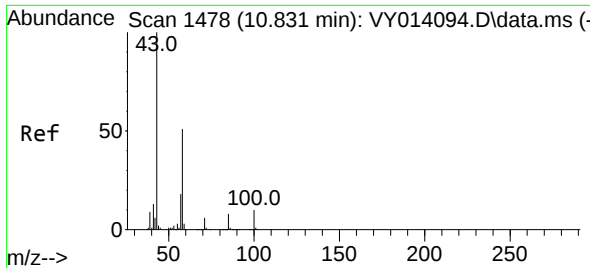
Tgt Ion: 63 Resp: 508765

Ion Ratio Lower Upper

63 100

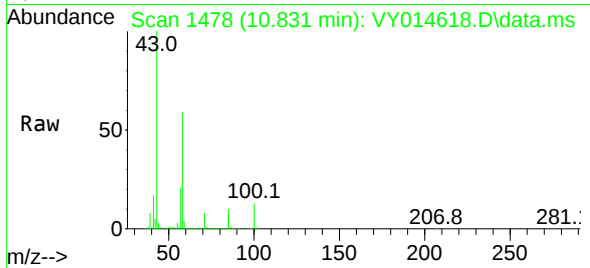
106 28.5 21.2 31.8





#59
2-Hexanone
Concen: 267.315 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY014618.D
Acq: 10 Jul 2023 16:23

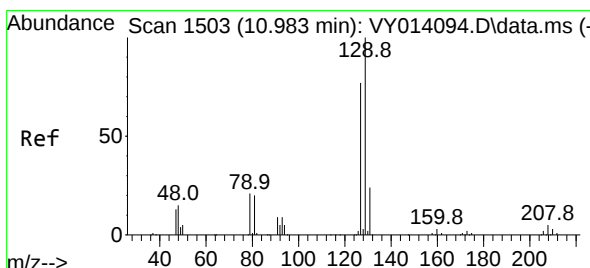
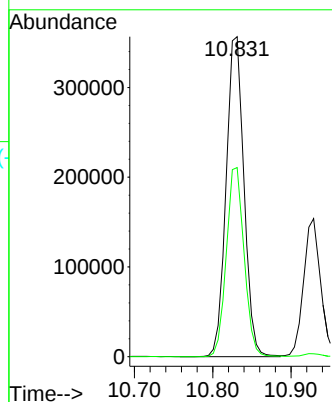
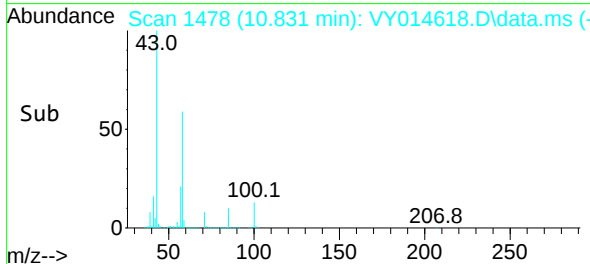
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 56555
Ion Ratio Lower Upper
43 100
58 59.0 25.1 75.3

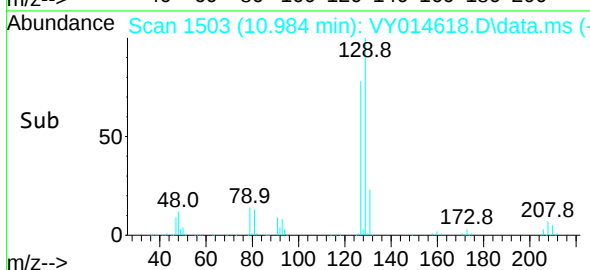
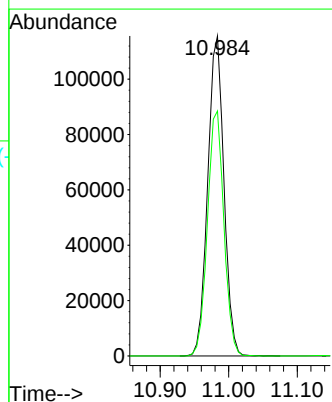
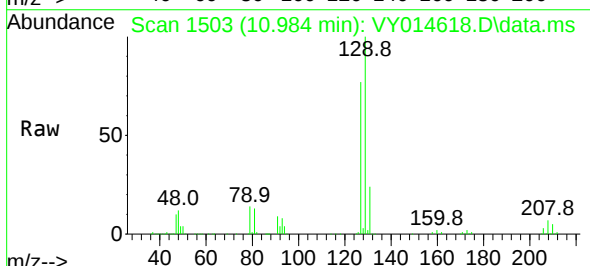
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023



#60
Dibromochloromethane
Concen: 55.347 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.001 min
Lab File: VY014618.D
Acq: 10 Jul 2023 16:23

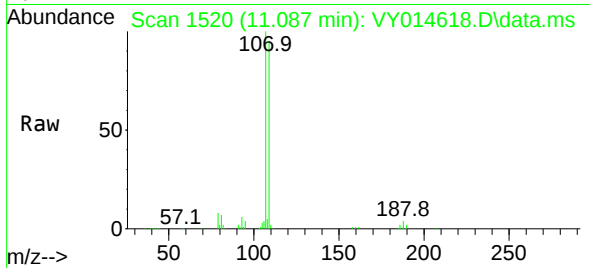
Tgt Ion:129 Resp: 189902
Ion Ratio Lower Upper
129 100
127 77.8 38.5 115.5





#61
1,2-Dibromoethane
Concen: 54.368 ug/l
RT: 11.087 min Scan# 11087
Delta R.T. -0.006 min
Lab File: VY014618.D
Acq: 10 Jul 2023 16:23

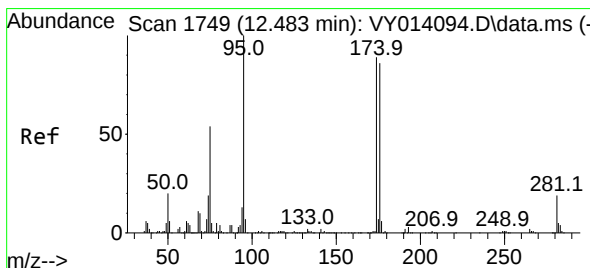
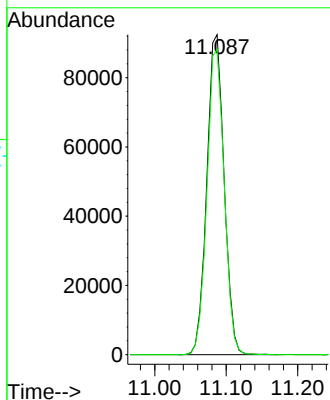
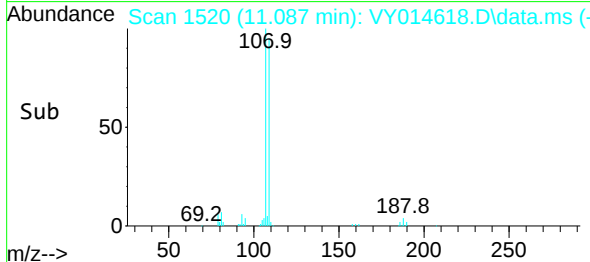
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



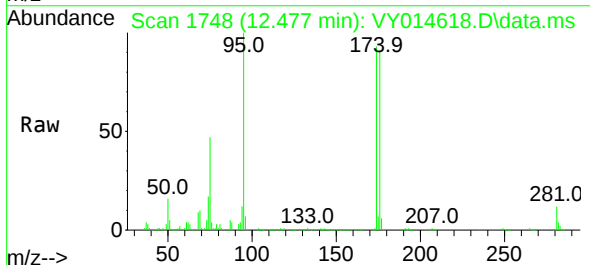
Tgt Ion:107 Resp: 155425
Ion Ratio Lower Upper
107 100
109 95.2 75.6 113.4

Manual Integrations
APPROVED

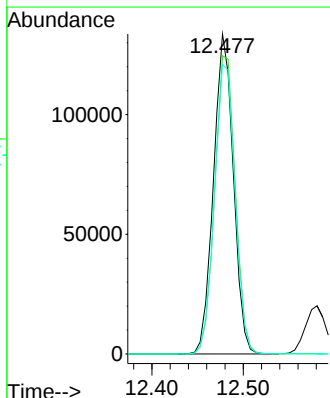
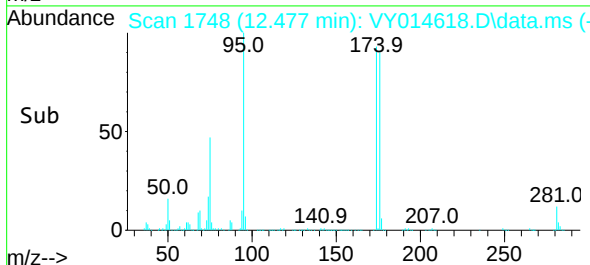
Reviewed By :John Carlone 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023

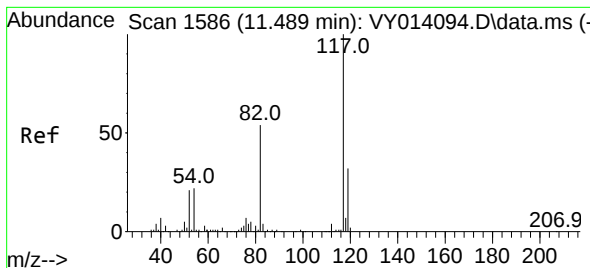


#62
4-Bromofluorobenzene
Concen: 52.860 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY014618.D
Acq: 10 Jul 2023 16:23



Tgt Ion: 95 Resp: 201690
Ion Ratio Lower Upper
95 100
174 97.1 0.0 178.2
176 93.7 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: VY014618.D

Acq: 10 Jul 2023 16:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion:117 Resp: 41508

Ion Ratio Lower Upper

117 100

82 49.4 43.4 65.0

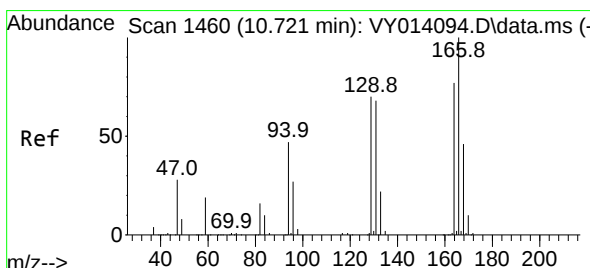
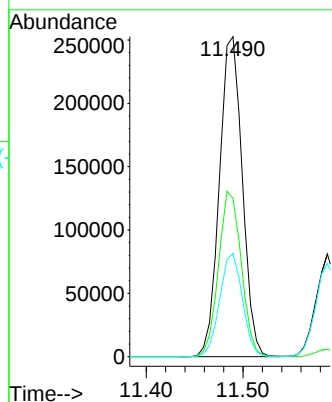
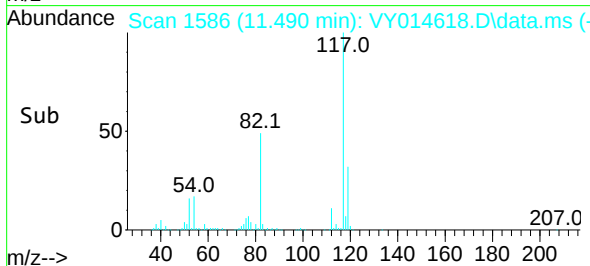
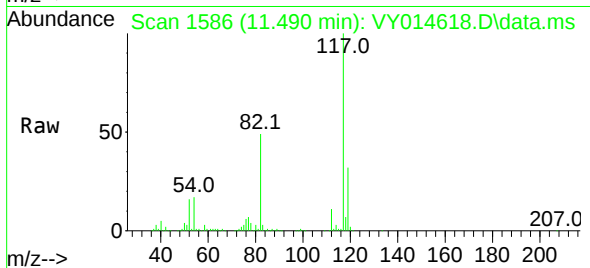
119 32.3 26.3 39.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/11/2023

Supervised By :Mahesh Dadoda 07/11/2023



#64

Tetrachloroethene

Concen: 54.278 ug/l

RT: 10.715 min Scan# 1459

Delta R.T. -0.006 min

Lab File: VY014618.D

Acq: 10 Jul 2023 16:23

Tgt Ion:164 Resp: 201404

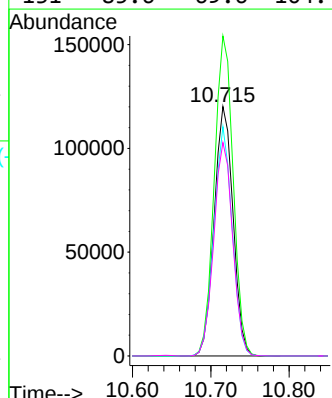
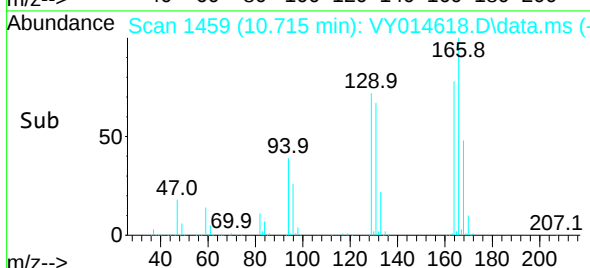
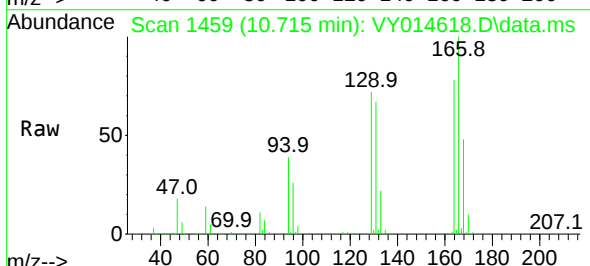
Ion Ratio Lower Upper

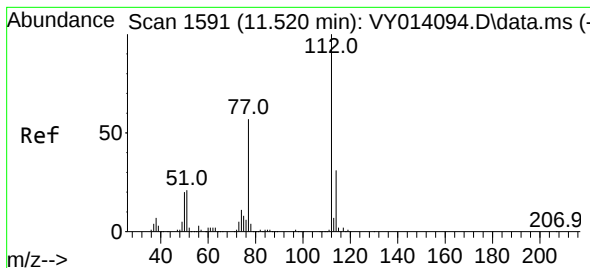
164 100

166 128.3 103.0 154.6

129 92.0 77.2 115.8

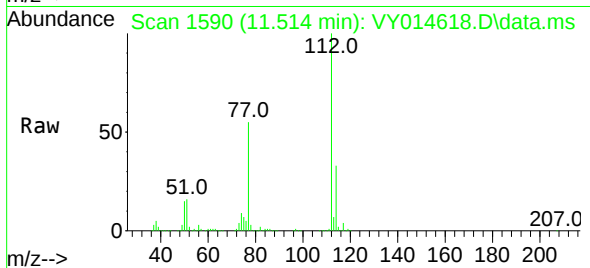
131 85.6 69.6 104.4





#65
Chlorobenzene
Concen: 54.527 ug/l
RT: 11.514 min Scan# 1150
Delta R.T. -0.006 min
Lab File: VY014618.D
Acq: 10 Jul 2023 16:23

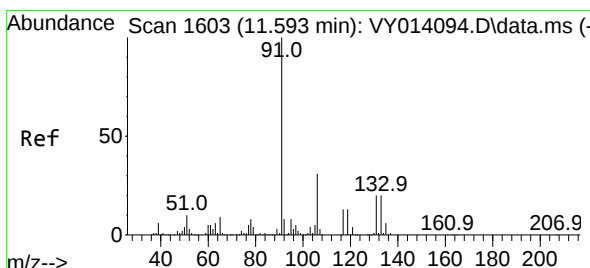
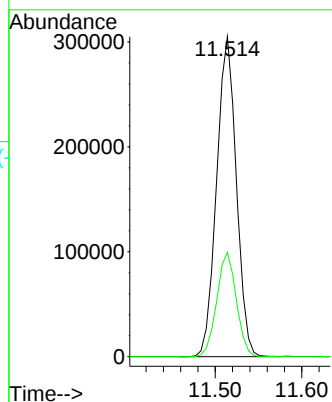
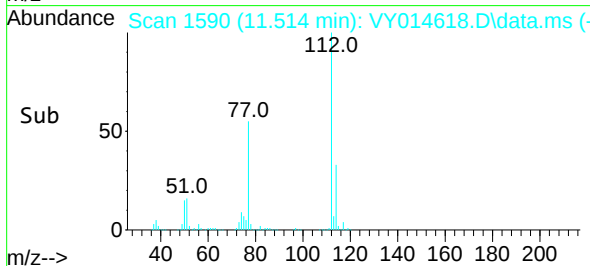
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



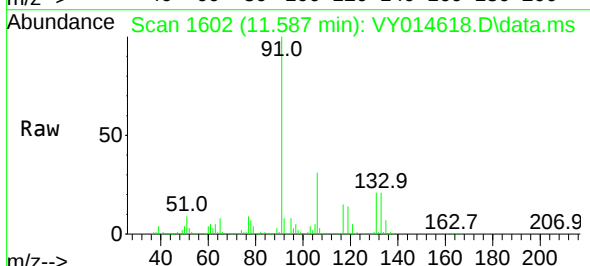
Tgt Ion:112 Resp: 482338
Ion Ratio Lower Upper
112 100
114 32.7 25.5 38.3

Manual Integrations
APPROVED

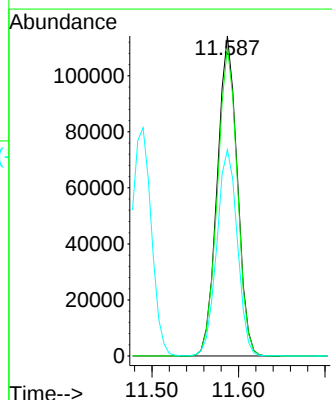
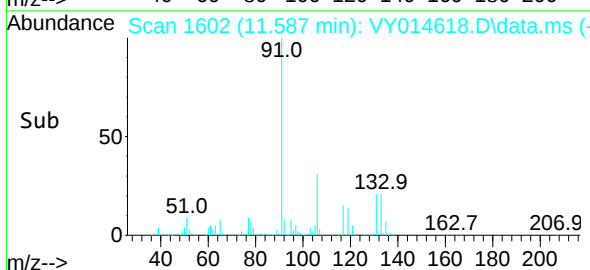
Reviewed By :John Carlone 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023

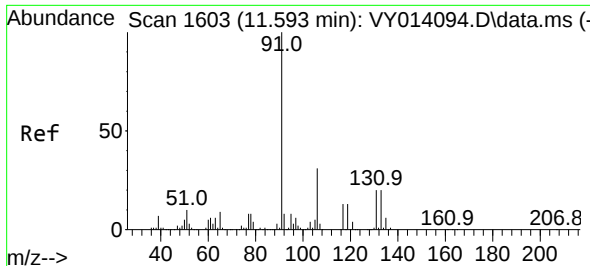


#66
1,1,1,2-Tetrachloroethane
Concen: 54.520 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.006 min
Lab File: VY014618.D
Acq: 10 Jul 2023 16:23



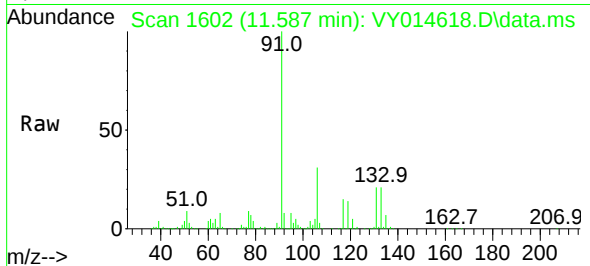
Tgt Ion:131 Resp: 183299
Ion Ratio Lower Upper
131 100
133 95.7 47.5 142.6
119 65.9 31.6 94.7





#67
Ethyl Benzene
Concen: 55.180 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.006 min
Lab File: VY014618.D
Acq: 10 Jul 2023 16:23

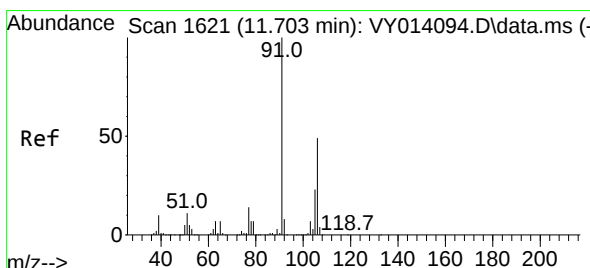
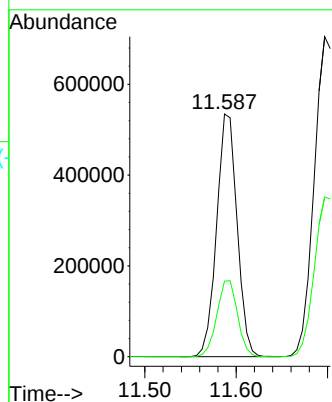
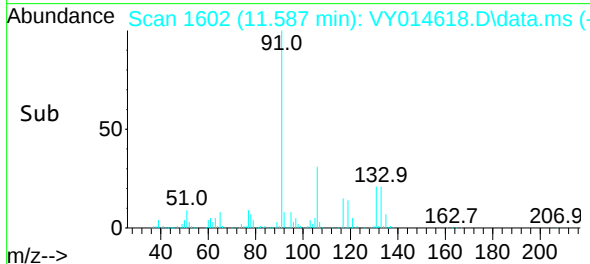
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 83238
Ion Ratio Lower Upper
91 100
106 31.1 24.6 36.8

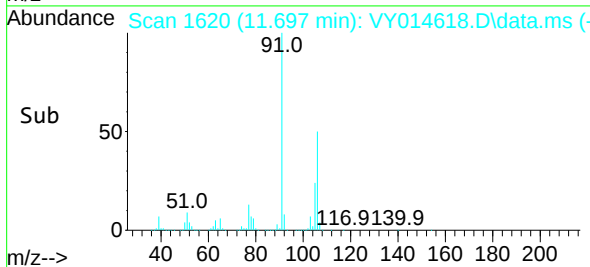
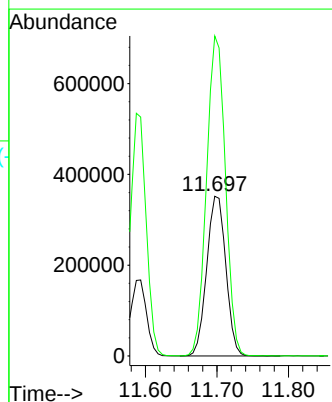
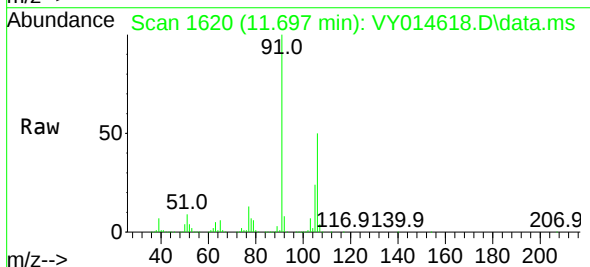
Manual Integrations
APPROVED

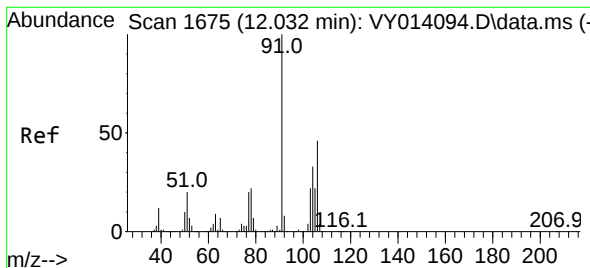
Reviewed By :John Carlone 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023



#68
m/p-Xylenes
Concen: 109.105 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. -0.006 min
Lab File: VY014618.D
Acq: 10 Jul 2023 16:23

Tgt Ion:106 Resp: 652846
Ion Ratio Lower Upper
106 100
91 197.9 166.1 249.1





#69

o-Xylene

Concen: 55.498 ug/l

RT: 12.026 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY014618.D

Acq: 10 Jul 2023 16:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion:106 Resp: 314962

Ion Ratio Lower Upper

106 100

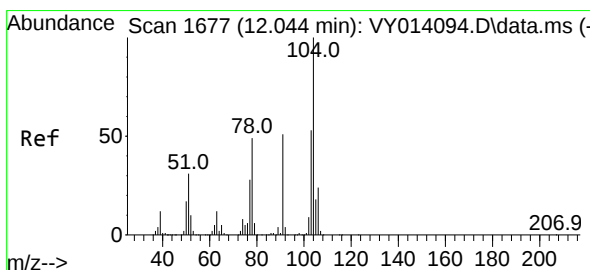
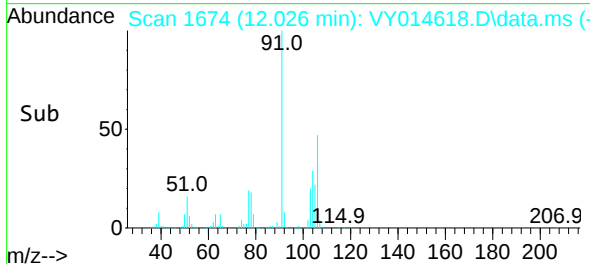
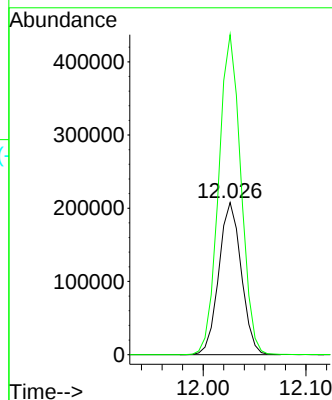
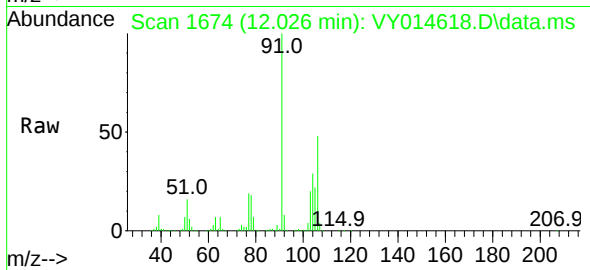
91 208.9 108.1 324.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/11/2023

Supervised By :Mahesh Dadoda 07/11/2023



#70

Styrene

Concen: 56.077 ug/l

RT: 12.038 min Scan# 1676

Delta R.T. -0.006 min

Lab File: VY014618.D

Acq: 10 Jul 2023 16:23

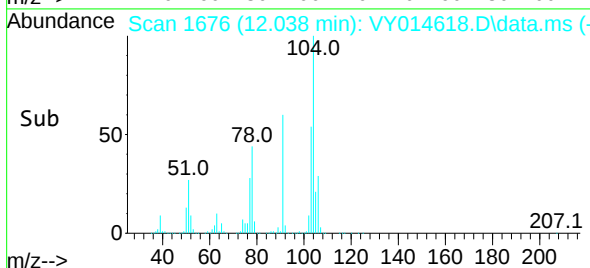
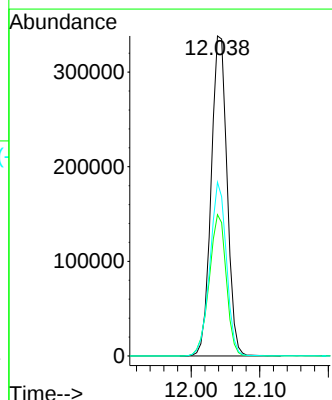
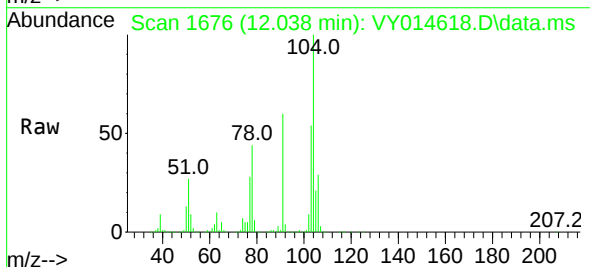
Tgt Ion:104 Resp: 547545

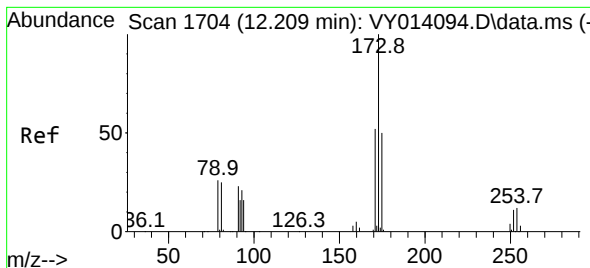
Ion Ratio Lower Upper

104 100

78 47.4 41.5 62.3

103 56.2 44.6 67.0





#71

Bromoform

Concen: 57.259 ug/l

RT: 12.203 min Scan# 1703

Delta R.T. -0.006 min

Lab File: VY014618.D

Acq: 10 Jul 2023 16:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion:173 Resp: 14625

Ion Ratio Lower Upper

173 100

175 48.9 24.6 73.8

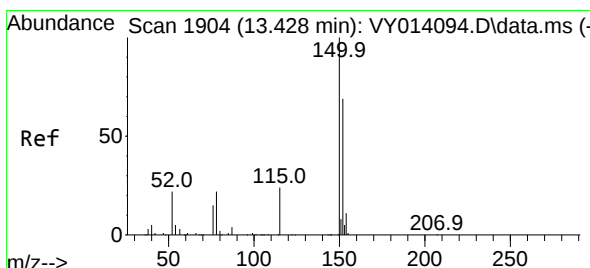
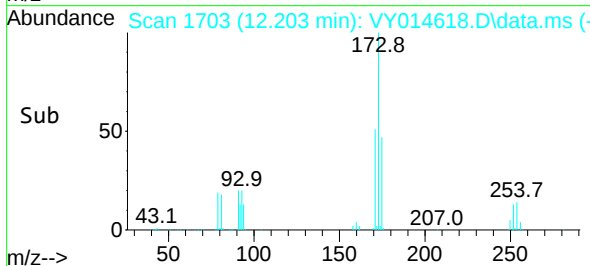
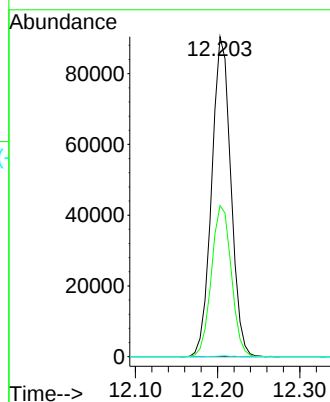
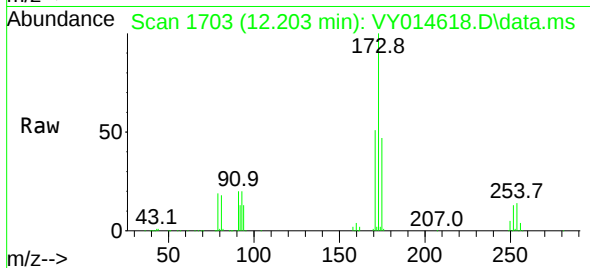
254 0.2 0.2 0.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/11/2023

Supervised By :Mahesh Dadoda 07/11/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.006 min

Lab File: VY014618.D

Acq: 10 Jul 2023 16:23

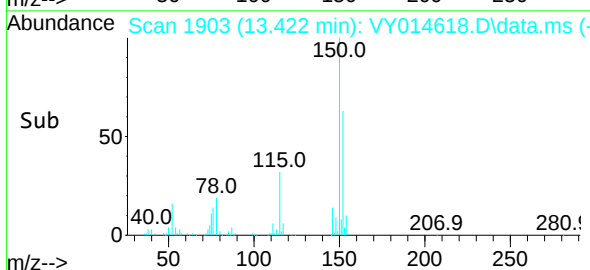
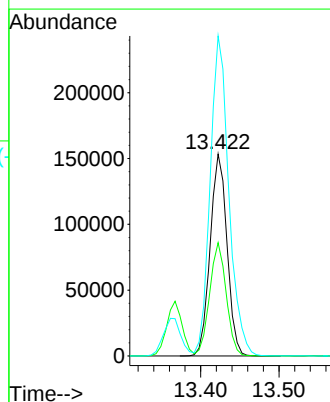
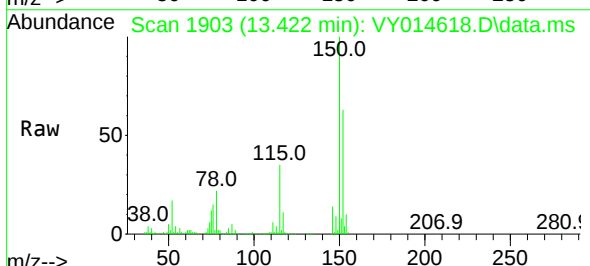
Tgt Ion:152 Resp: 229161

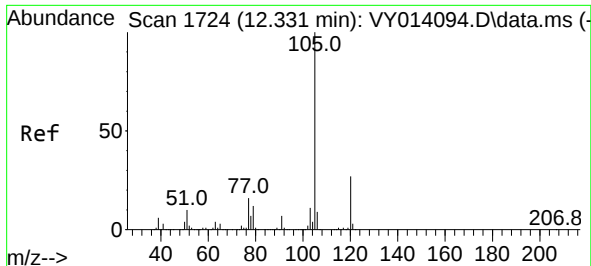
Ion Ratio Lower Upper

152 100

115 55.2 28.8 86.5

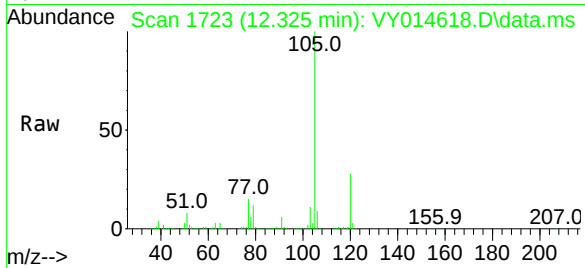
150 175.1 0.0 348.8





#73
Isopropylbenzene
Concen: 55.162 ug/l
RT: 12.325 min Scan# 1723
Delta R.T. -0.006 min
Lab File: VY014618.D
Acq: 10 Jul 2023 16:23

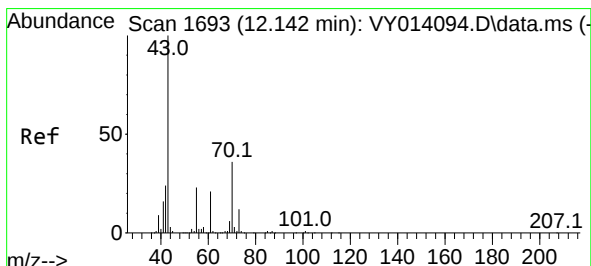
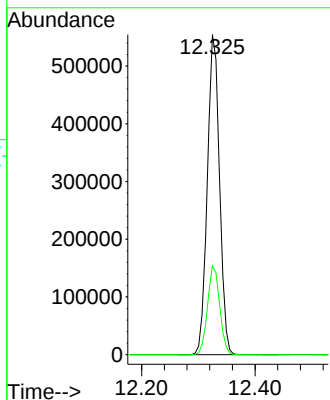
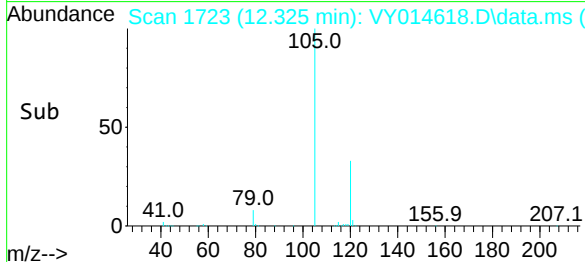
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion:105 Resp: 82789
Ion Ratio Lower Upper
105 100
120 27.7 13.3 39.9

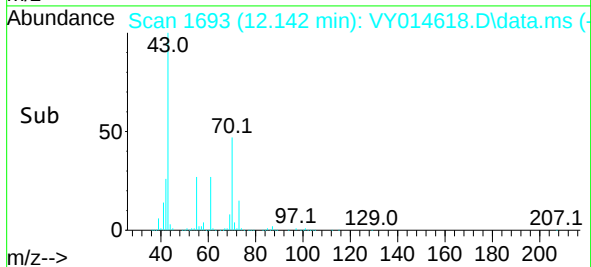
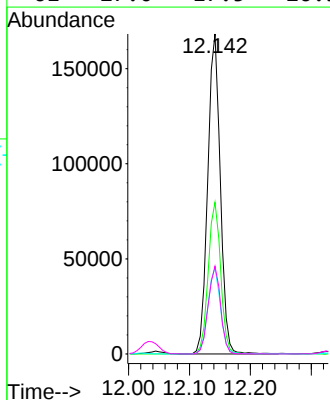
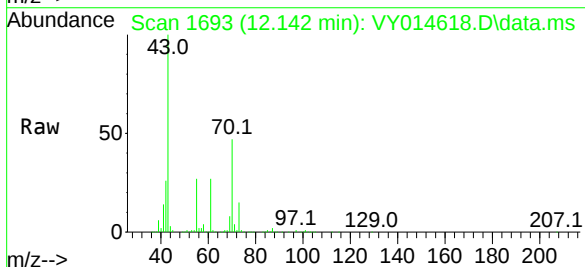
Manual Integrations
APPROVED

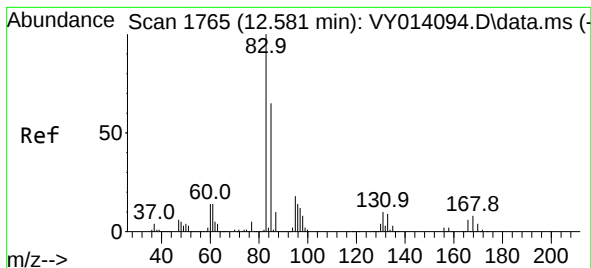
Reviewed By :John Carlone 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023



#74
N-ethyl acetate
Concen: 53.251 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY014618.D
Acq: 10 Jul 2023 16:23

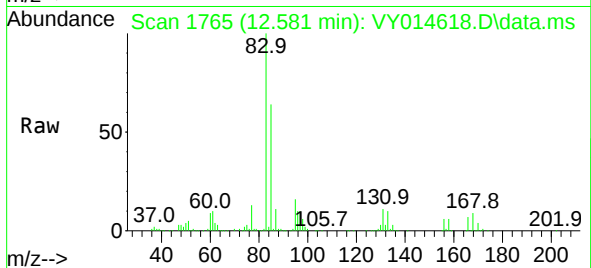
Tgt Ion: 43 Resp: 241210
Ion Ratio Lower Upper
43 100
70 47.0 29.7 44.5#
55 26.9 18.3 27.5
61 27.0 17.5 26.3#





#75
1,1,2,2-Tetrachloroethane
Concen: 53.389 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY014618.D
Acq: 10 Jul 2023 16:23

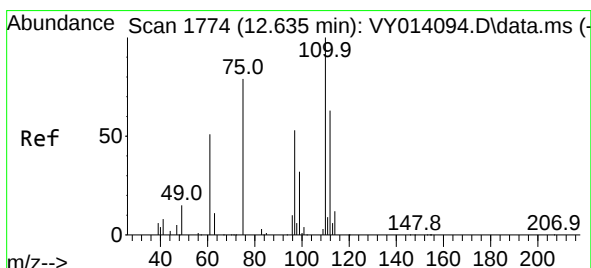
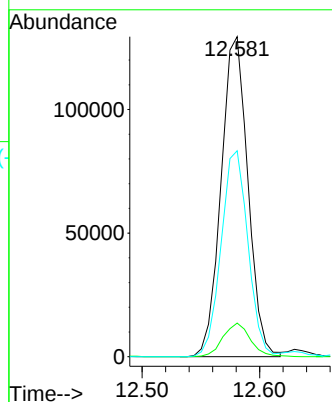
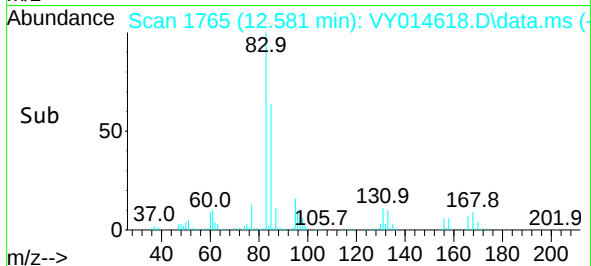
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



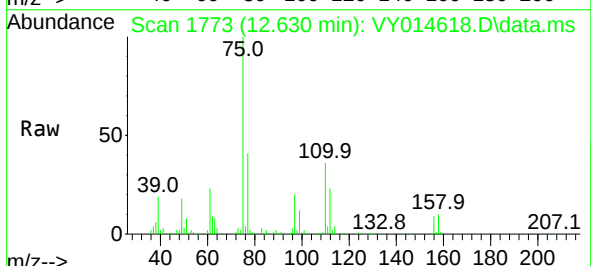
Tgt Ion: 83 Resp: 20562
Ion Ratio Lower Upper
83 100
131 10.7 5.4 16.2
85 64.5 31.8 95.4

Manual Integrations
APPROVED

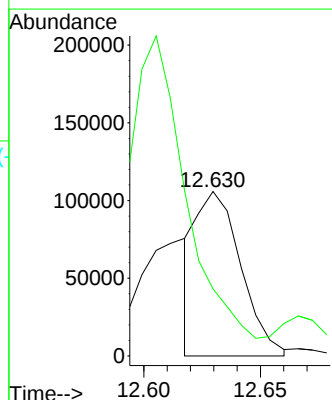
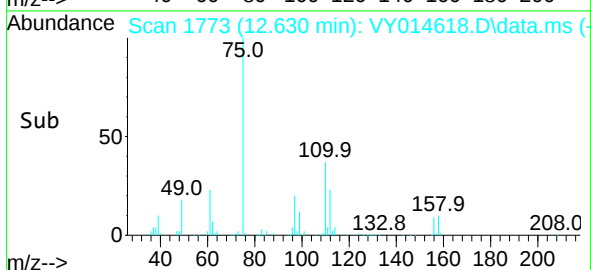
Reviewed By :John Carlone 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023

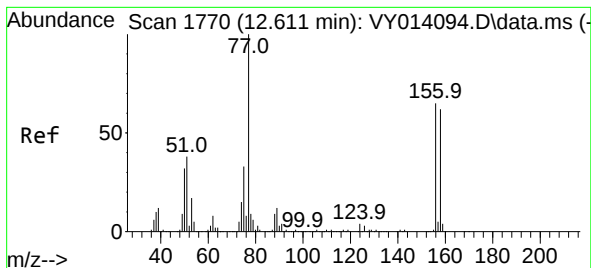


#76
1,2,3-Trichloropropane
Concen: 52.779 ug/l m
RT: 12.630 min Scan# 1773
Delta R.T. -0.005 min
Lab File: VY014618.D
Acq: 10 Jul 2023 16:23



Tgt Ion: 75 Resp: 141930
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 52.862 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. -0.006 min

Lab File: VY014618.D

Acq: 10 Jul 2023 16:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

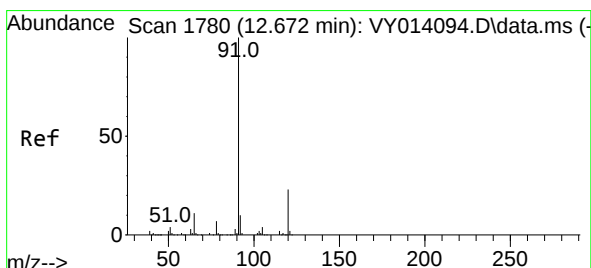
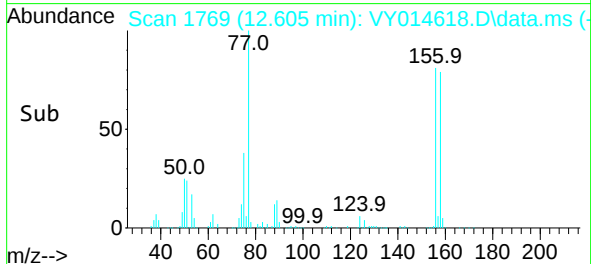
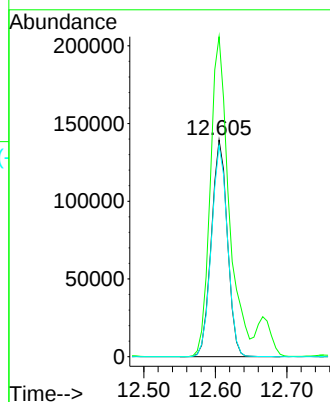
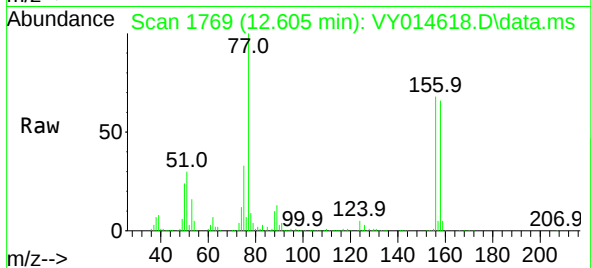
Tgt Ion:156 Resp: 216693
 Ion Ratio Lower Upper
 156 100
 77 171.4 92.8 278.6
 158 98.1 48.4 145.3

Manual Integrations

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Reviewed By :John Carlone 07/11/2023

Supervised By :Mahesh Dadoda 07/11/2023



#78

n-propylbenzene

Concen: 53.971 ug/l

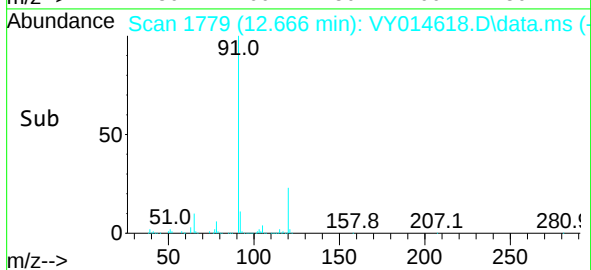
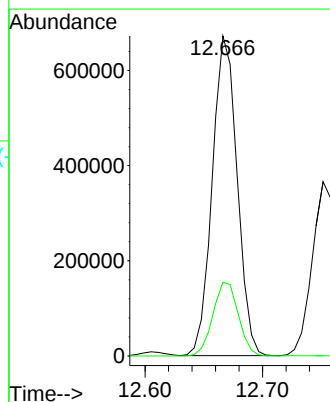
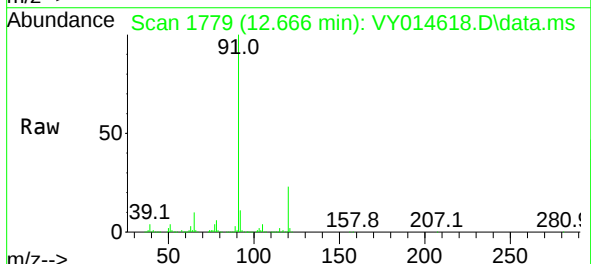
RT: 12.666 min Scan# 1779

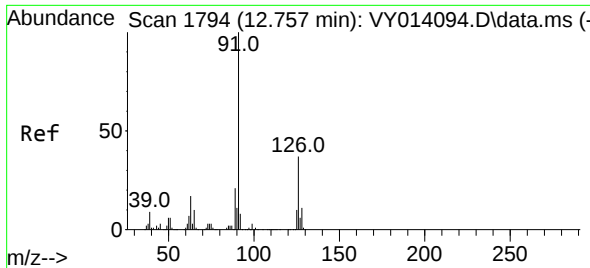
Delta R.T. -0.006 min

Lab File: VY014618.D

Acq: 10 Jul 2023 16:23

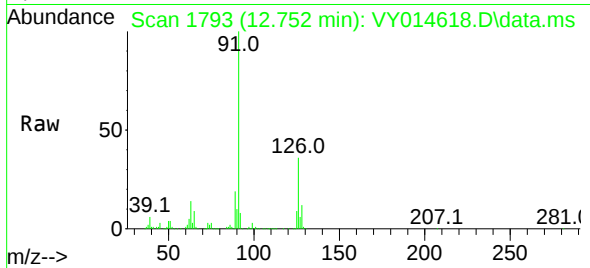
Tgt Ion: 91 Resp: 988094
 Ion Ratio Lower Upper
 91 100
 120 23.6 11.5 34.4





#79
2-Chlorotoluene
Concen: 52.758 ug/l
RT: 12.752 min Scan# 1793
Delta R.T. -0.005 min
Lab File: VY014618.D
Acq: 10 Jul 2023 16:23

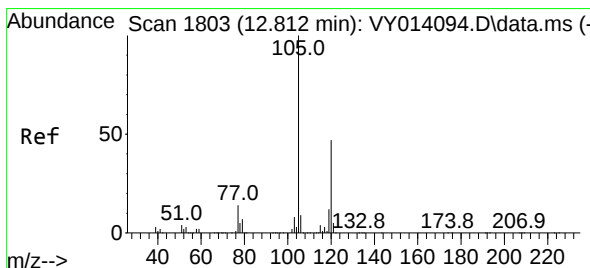
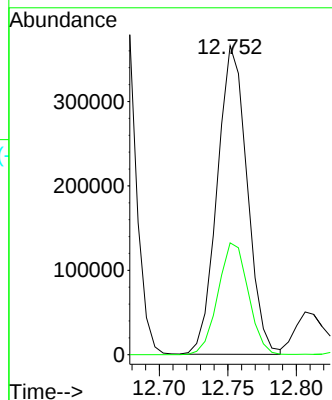
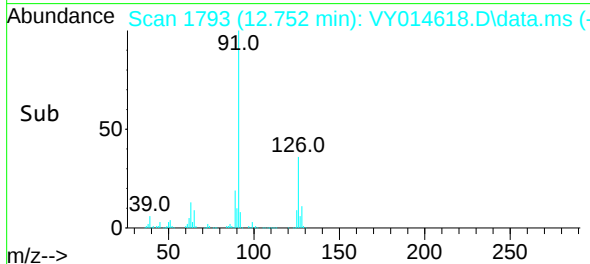
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



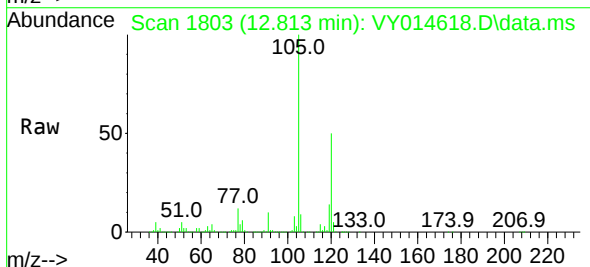
Tgt Ion: 91 Resp: 555858
Ion Ratio Lower Upper
91 100
126 36.7 17.3 51.7

Manual Integrations
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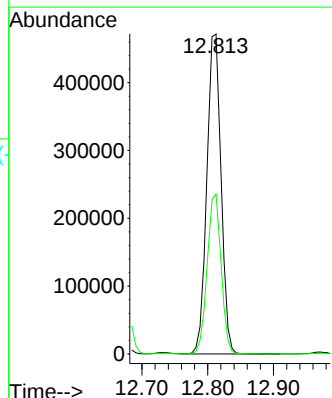
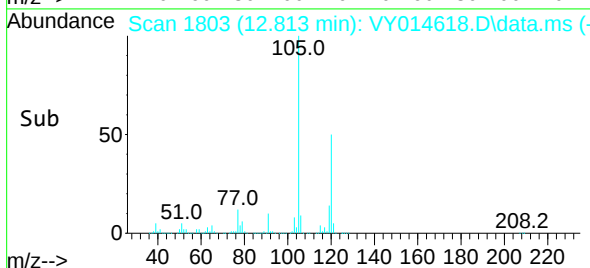
Reviewed By :John Carlone 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023

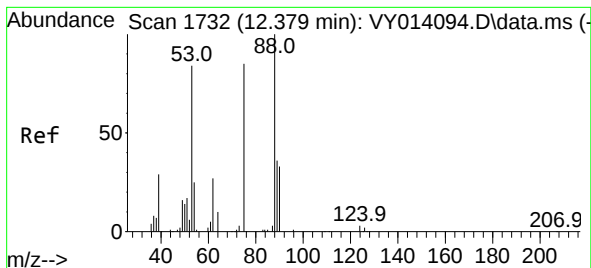


#80
1,3,5-Trimethylbenzene
Concen: 55.850 ug/l
RT: 12.813 min Scan# 1803
Delta R.T. 0.001 min
Lab File: VY014618.D
Acq: 10 Jul 2023 16:23



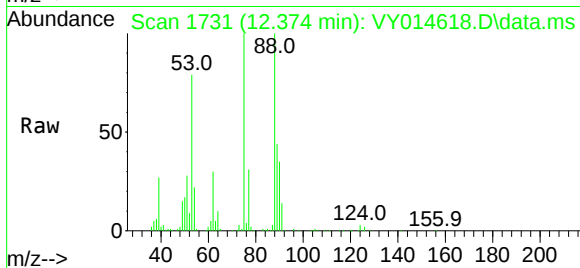
Tgt Ion:105 Resp: 709610
Ion Ratio Lower Upper
105 100
120 49.1 23.9 71.7





#81
trans-1,4-Dichloro-2-butene
Concen: 50.549 ug/l
RT: 12.374 min Scan# 1731
Delta R.T. -0.005 min
Lab File: VY014618.D
Acq: 10 Jul 2023 16:23

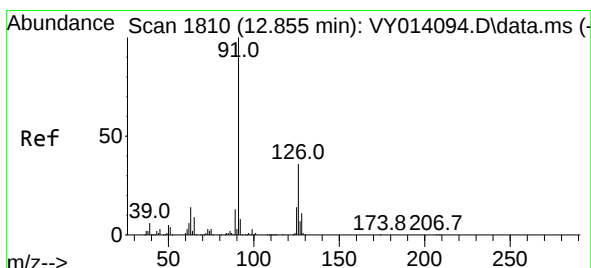
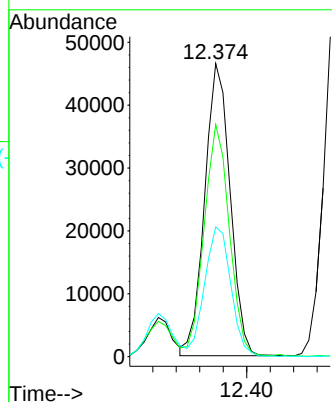
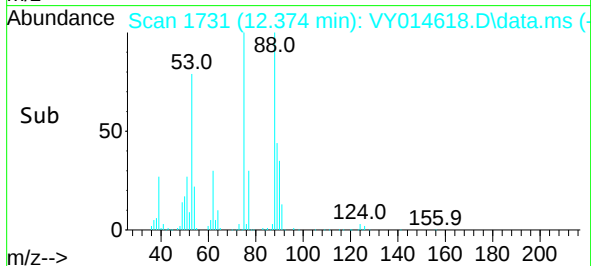
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 6983
Ion Ratio Lower Upper
75 100
53 78.2 77.8 116.8
89 45.8 37.4 56.0

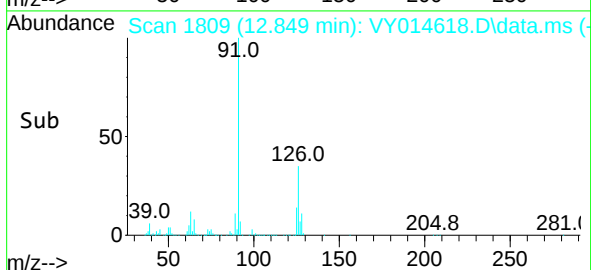
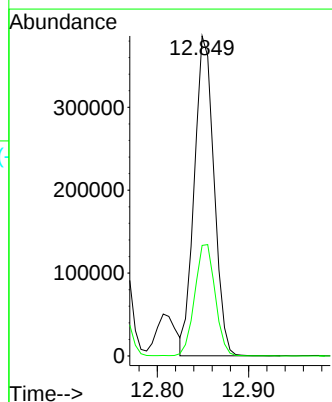
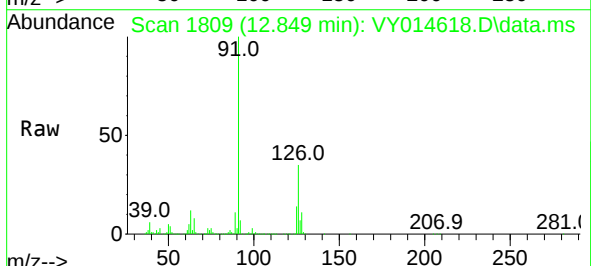
Manual Integrations
APPROVED

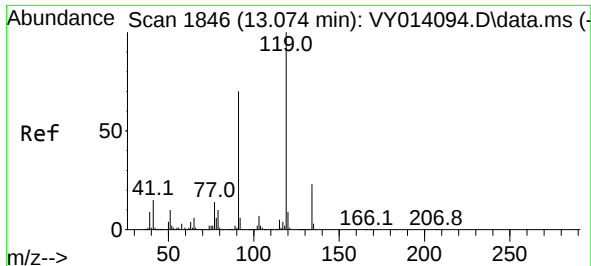
Reviewed By :John Carlone 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023



#82
4-Chlorotoluene
Concen: 52.221 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. -0.006 min
Lab File: VY014618.D
Acq: 10 Jul 2023 16:23

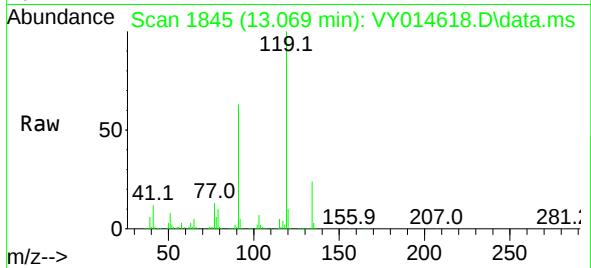
Tgt Ion: 91 Resp: 576416
Ion Ratio Lower Upper
91 100
126 36.2 17.2 51.6





#83
 tert-Butylbenzene
 Concen: 54.515 ug/l
 RT: 13.069 min Scan# 1845
 Delta R.T. -0.005 min
 Lab File: VY014618.D
 Acq: 10 Jul 2023 16:23

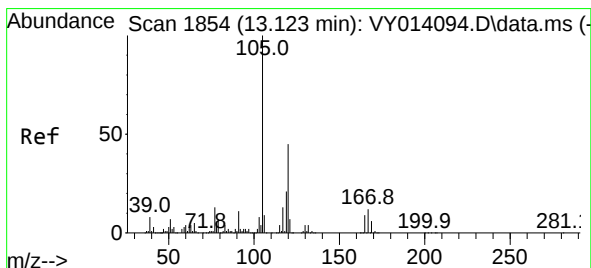
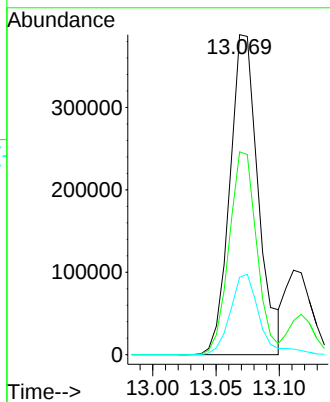
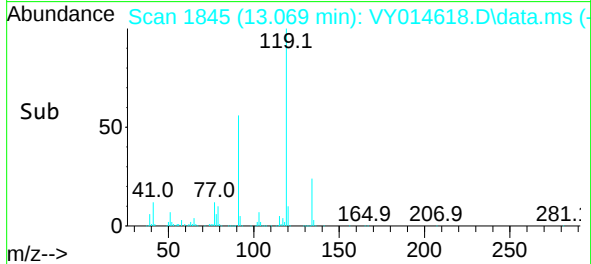
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC



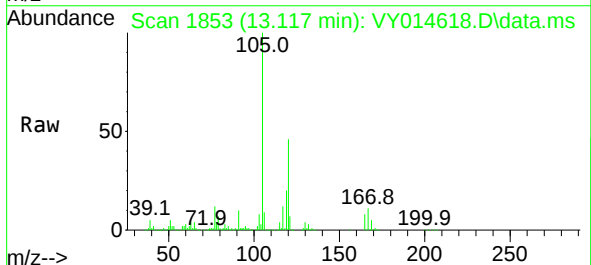
Tgt Ion:119 Resp: 608738
 Ion Ratio Lower Upper
 119 100
 91 61.5 32.9 98.6
 134 25.8 13.0 38.9

Manual Integrations
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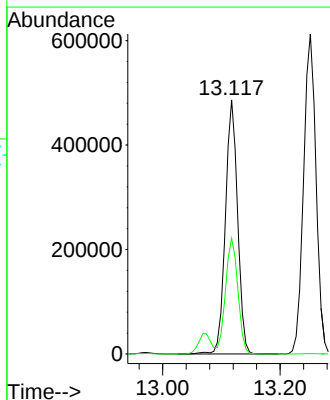
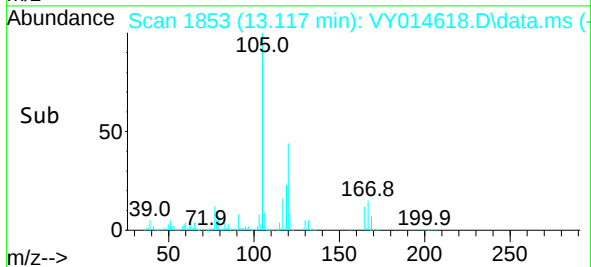
Reviewed By :John Carlone 07/11/2023
 Supervised By :Mahesh Dadoda 07/11/2023

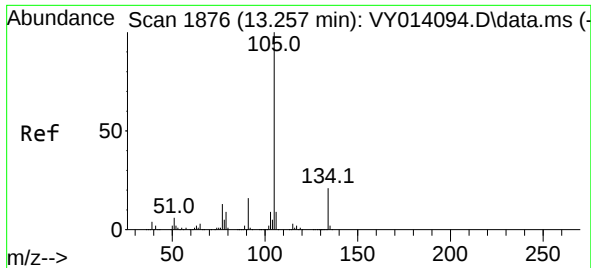


#84
 1,2,4-Trimethylbenzene
 Concen: 55.361 ug/l
 RT: 13.117 min Scan# 1853
 Delta R.T. -0.006 min
 Lab File: VY014618.D
 Acq: 10 Jul 2023 16:23



Tgt Ion:105 Resp: 701899
 Ion Ratio Lower Upper
 105 100
 120 45.8 22.2 66.6





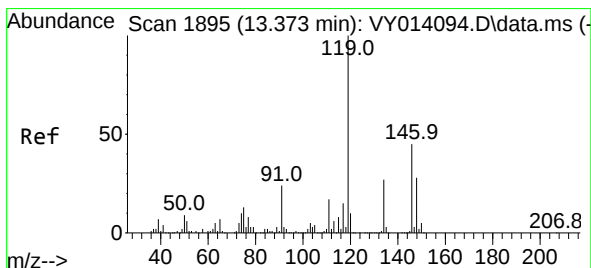
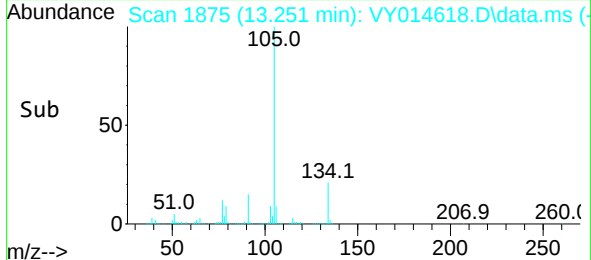
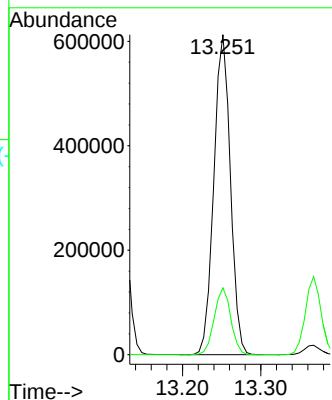
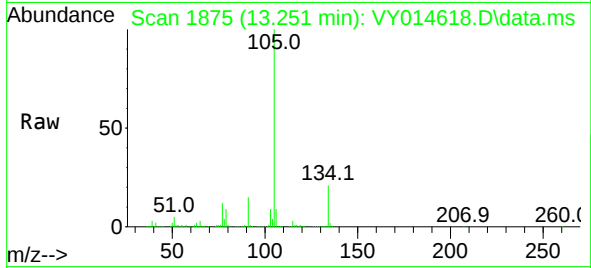
#85
 sec-Butylbenzene
 Concen: 54.547 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. -0.006 min
 Lab File: VY014618.D
 Acq: 10 Jul 2023 16:23

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 898799
 Ion Ratio Lower Upper
 105 100
 134 20.8 10.2 30.6

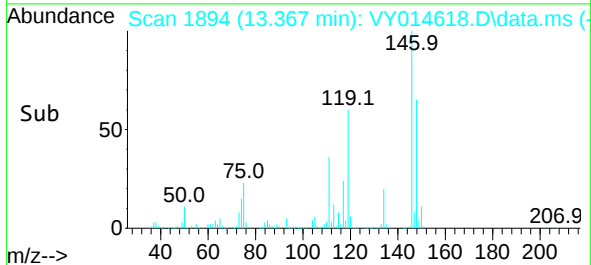
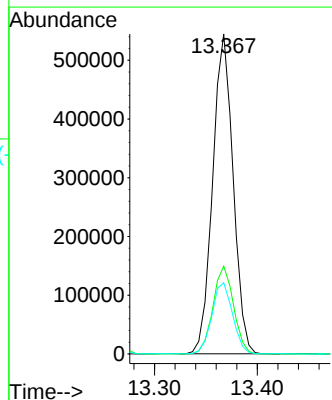
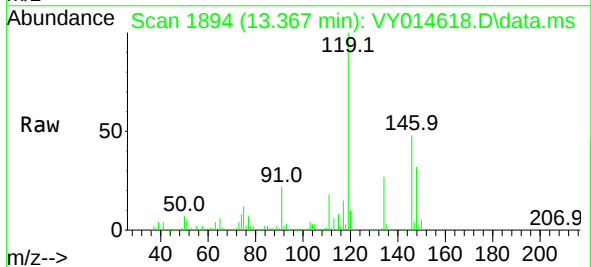
Manual Integrations
 APPROVED

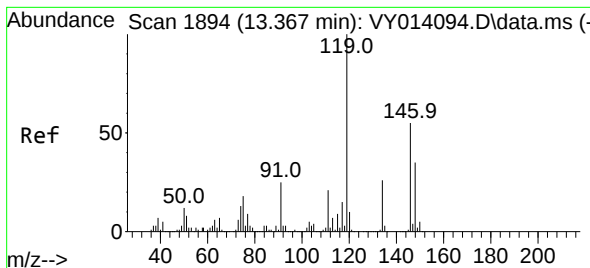
Reviewed By :John Carlone 07/11/2023
 Supervised By :Mahesh Dadoda 07/11/2023



#86
 p-Isopropyltoluene
 Concen: 54.200 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. -0.006 min
 Lab File: VY014618.D
 Acq: 10 Jul 2023 16:23

Tgt Ion:119 Resp: 751584
 Ion Ratio Lower Upper
 119 100
 134 27.6 13.3 39.8
 91 22.6 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 53.838 ug/l

RT: 13.361 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY014618.D

Acq: 10 Jul 2023 16:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 43150

Ion Ratio Lower Upper

146 100

111 37.2 19.4 58.2

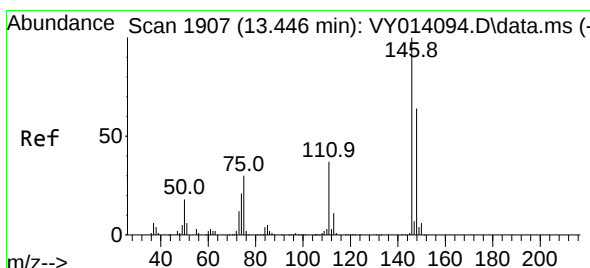
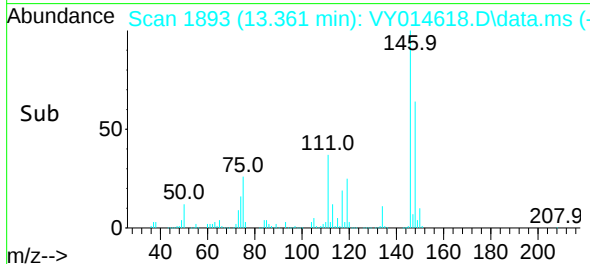
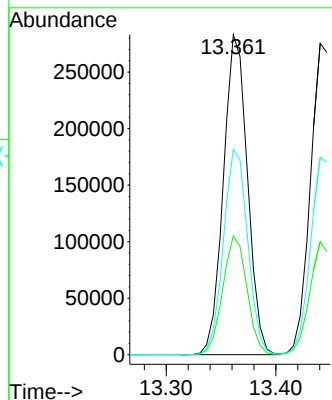
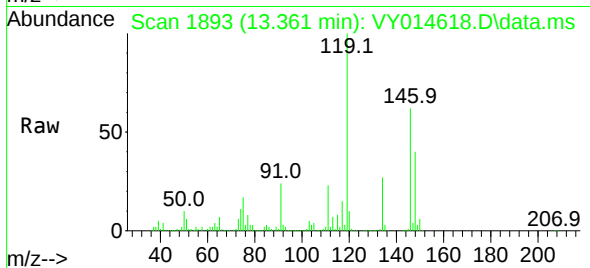
148 64.9 31.9 95.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/11/2023

Supervised By :Mahesh Dadoda 07/11/2023



#88

1,4-Dichlorobenzene

Concen: 53.482 ug/l

RT: 13.440 min Scan# 1906

Delta R.T. -0.006 min

Lab File: VY014618.D

Acq: 10 Jul 2023 16:23

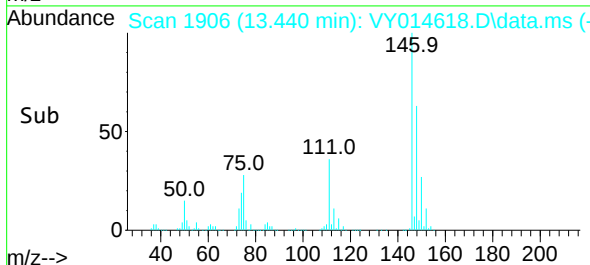
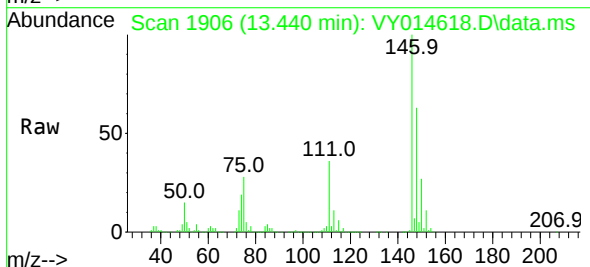
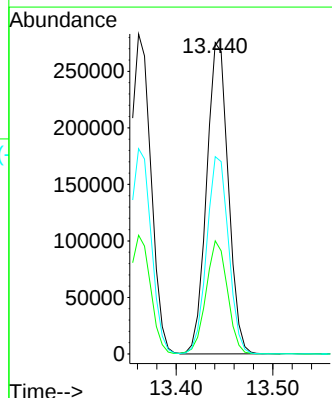
Tgt Ion:146 Resp: 429584

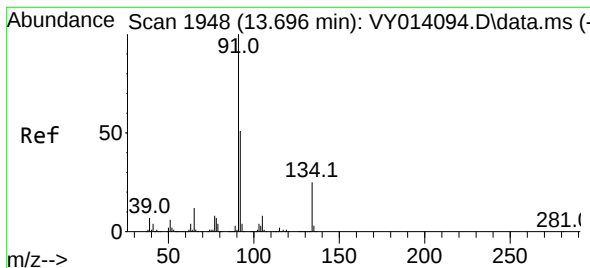
Ion Ratio Lower Upper

146 100

111 35.7 18.9 56.7

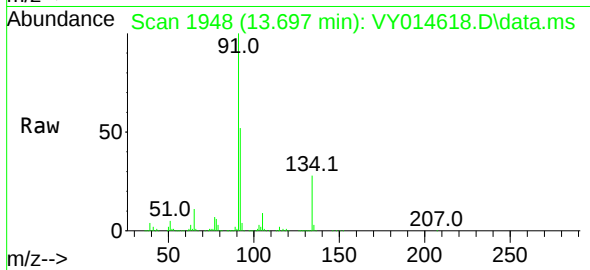
148 63.9 32.1 96.5





#89
n-Butylbenzene
Concen: 55.137 ug/l
RT: 13.697 min Scan# 1948
Delta R.T. 0.001 min
Lab File: VY014618.D
Acq: 10 Jul 2023 16:23

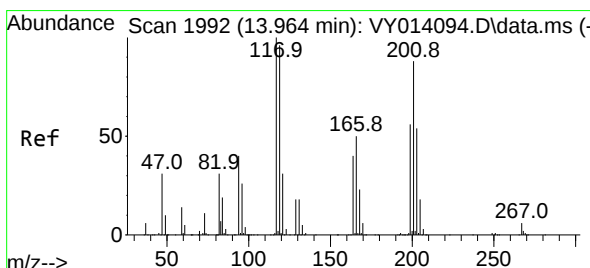
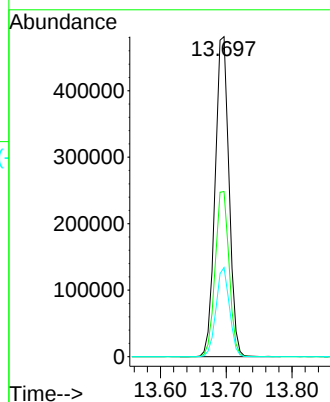
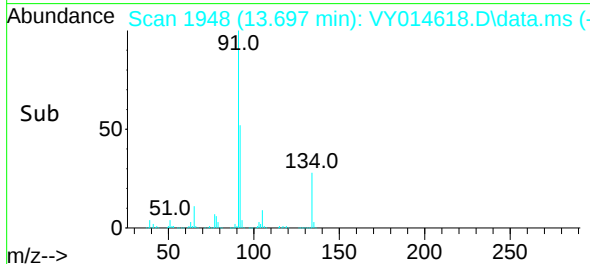
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



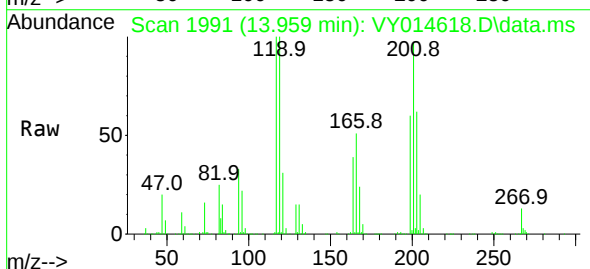
Tgt Ion: 91 Resp: 706579
Ion Ratio Lower Upper
91 100
92 51.8 25.4 76.0
134 27.1 12.6 37.6

Manual Integrations
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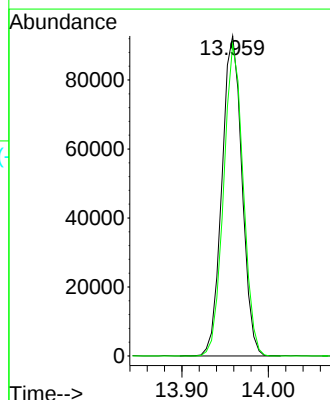
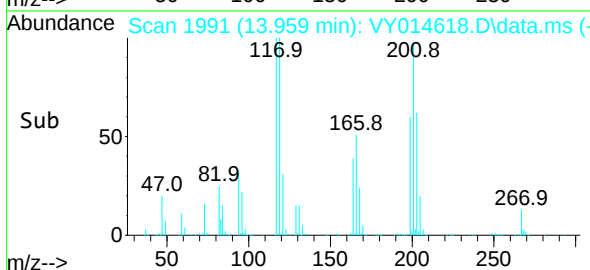
Reviewed By :John Carlone 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023

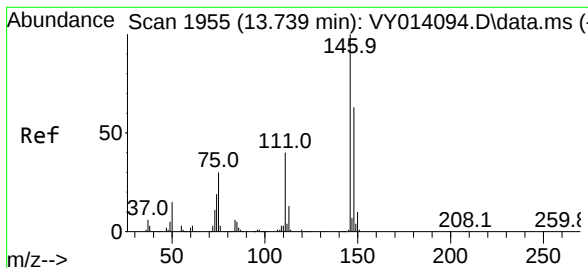


#90
Hexachloroethane
Concen: 54.294 ug/l
RT: 13.959 min Scan# 1991
Delta R.T. -0.005 min
Lab File: VY014618.D
Acq: 10 Jul 2023 16:23



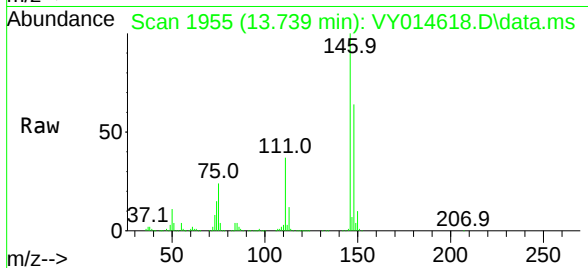
Tgt Ion:117 Resp: 149134
Ion Ratio Lower Upper
117 100
201 95.1 41.6 124.8





#91
1,2-Dichlorobenzene
Concen: 54.738 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY014618.D
Acq: 10 Jul 2023 16:23

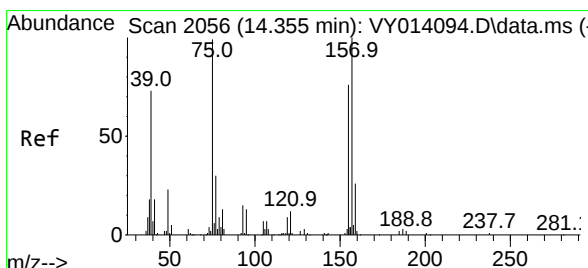
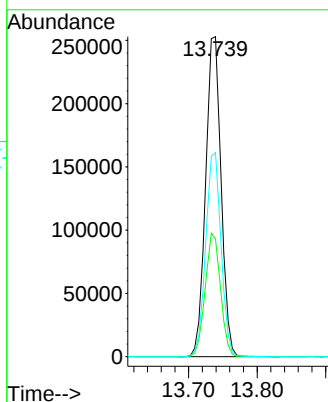
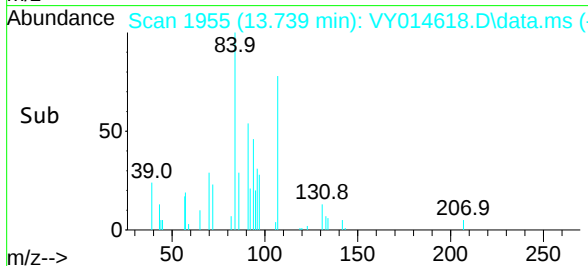
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



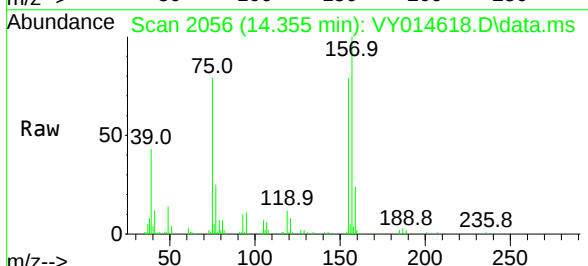
Tgt Ion:146 Resp: 397390
Ion Ratio Lower Upper
146 100
111 38.3 19.7 59.0
148 63.5 32.0 96.2

Manual Integrations
APPROVED

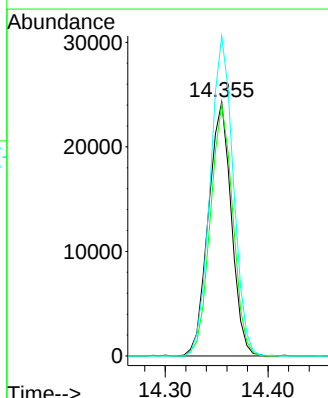
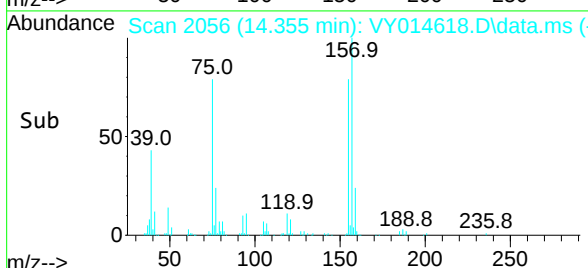
Reviewed By :John Carlone 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 53.272 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY014618.D
Acq: 10 Jul 2023 16:23



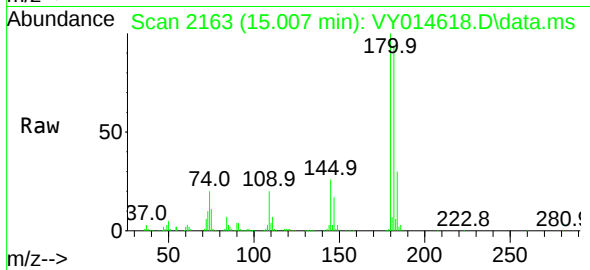
Tgt Ion: 75 Resp: 37564
Ion Ratio Lower Upper
75 100
155 97.0 41.5 124.6
157 126.5 51.8 155.5





#93
1,2,4-Trichlorobenzene
Concen: 59.071 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. 0.000 min
Lab File: VY014618.D
Acq: 10 Jul 2023 16:23

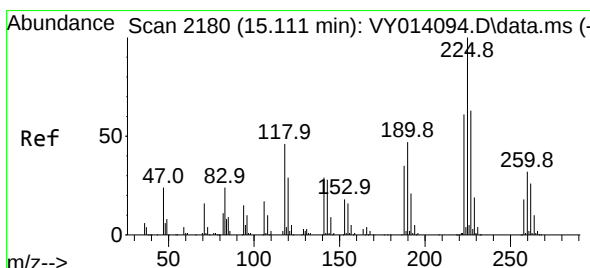
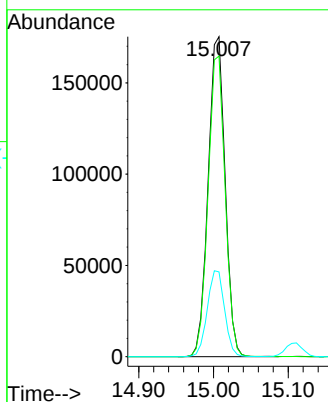
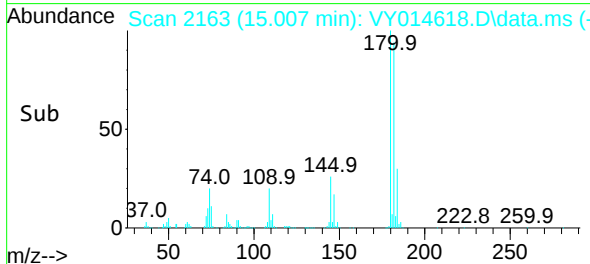
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



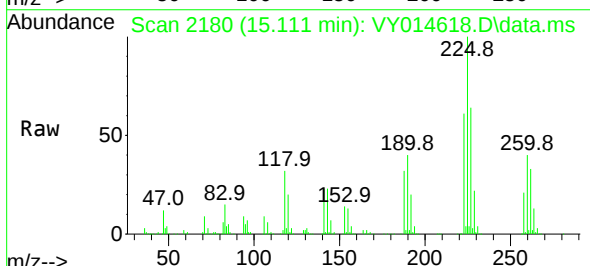
Tgt Ion:180 Resp: 276992
Ion Ratio Lower Upper
180 100
182 94.4 47.0 141.2
145 27.3 14.5 43.5

Manual Integrations
APPROVED

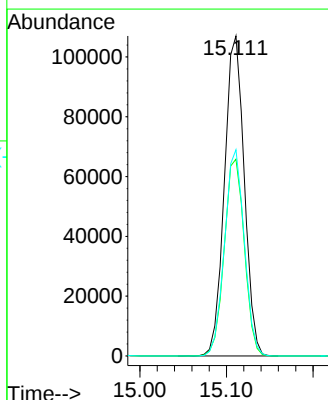
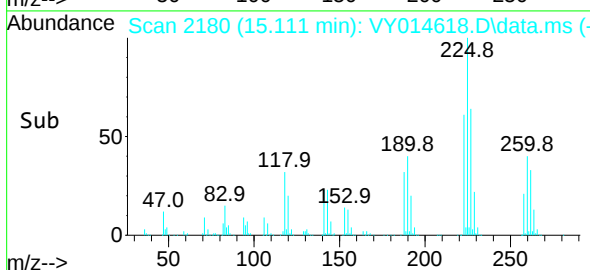
Reviewed By :John Carlone 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023

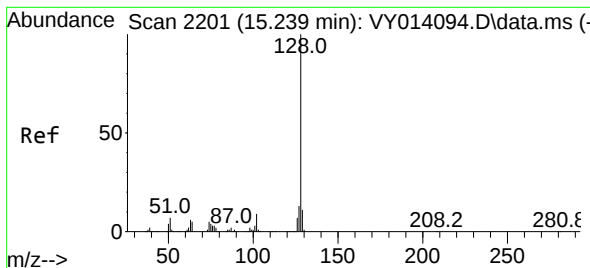


#94
Hexachlorobutadiene
Concen: 58.954 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. -0.000 min
Lab File: VY014618.D
Acq: 10 Jul 2023 16:23



Tgt Ion:225 Resp: 169905
Ion Ratio Lower Upper
225 100
223 62.3 31.9 95.9
227 64.3 33.0 98.9





#95

Naphthalene

Concen: 57.568 ug/l

RT: 15.233 min Scan# 2201

Delta R.T. -0.006 min

Lab File: VY014618.D

Acq: 10 Jul 2023 16:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

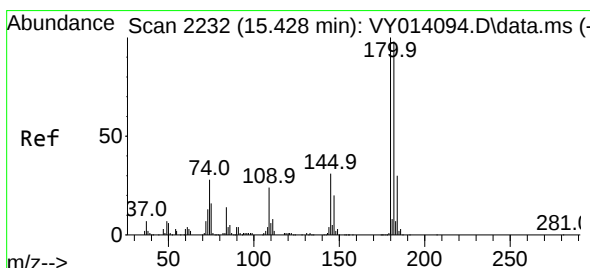
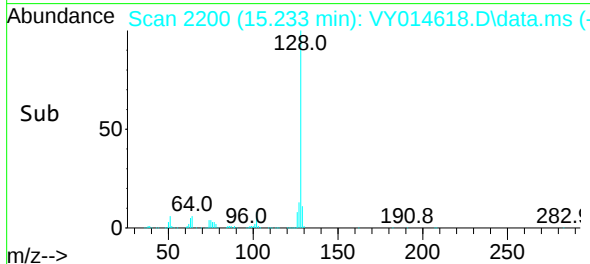
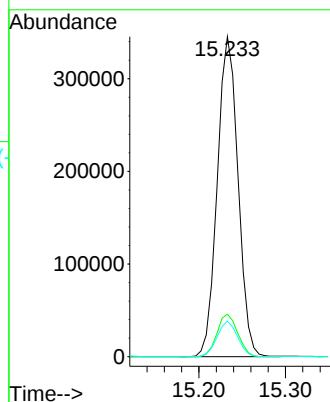
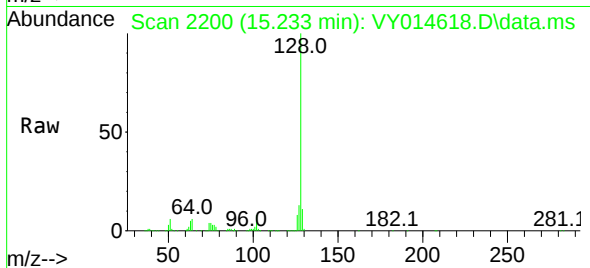
Tgt Ion:128 Resp: 574320
 Ion Ratio Lower Upper
 128 100
 127 13.3 10.8 16.2
 129 10.9 8.6 13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/11/2023

Supervised By :Mahesh Dadoda 07/11/2023



#96

1,2,3-Trichlorobenzene

Concen: 58.964 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.006 min

Lab File: VY014618.D

Acq: 10 Jul 2023 16:23

Tgt Ion:180 Resp: 251925
 Ion Ratio Lower Upper
 180 100
 182 96.2 47.3 141.8
 145 29.0 15.4 46.2

