

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032823\
 Data File : VY013107.D
 Acq On : 28 Mar 2023 10:52
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 03/29/2023
 Supervised By :Mahesh Dadoda 03/29/2023

Quant Time: Mar 29 02:24:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 03 01:13:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	106217	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	161458	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	144348	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	76851	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	51442	48.779	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.560%
35) Dibromofluoromethane	7.716	113	54433	55.863	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.720%
50) Toluene-d8	10.179	98	167842	47.117	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	94.240%
62) 4-Bromofluorobenzene	12.483	95	66171	55.036	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	110.080%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	47694	45.556	ug/l	95
3) Chloromethane	2.113	50	53601	42.826	ug/l	99
4) Vinyl Chloride	2.253	62	53135	46.297	ug/l	97
5) Bromomethane	2.650	94	35104	50.337	ug/l	92
6) Chloroethane	2.796	64	34455	50.127	ug/l	97
7) Trichlorofluoromethane	3.131	101	84875	44.526	ug/l	98
8) Diethyl Ether	3.534	74	29453	44.091	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.905	101	50487	44.023	ug/l	98
10) Methyl Iodide	4.094	142	65864	44.077	ug/l	97
11) Tert butyl alcohol	4.948	59	24785	200.357	ug/l #	90
12) 1,1-Dichloroethene	3.875	96	47258	43.206	ug/l	95
13) Acrolein	3.729	56	29797	161.270	ug/l	100
14) Allyl chloride	4.478	41	96026	47.527	ug/l	97
15) Acrylonitrile	5.161	53	85109	241.808	ug/l	99
16) Acetone	3.942	43	106859	258.153	ug/l	98
17) Carbon Disulfide	4.192	76	150491	40.421	ug/l	99
18) Methyl Acetate	4.478	43	59177	48.006	ug/l	98
19) Methyl tert-butyl Ether	5.216	73	141877	50.218	ug/l	98
20) Methylene Chloride	4.716	84	61951	48.930	ug/l	97
21) trans-1,2-Dichloroethene	5.222	96	58639	49.333	ug/l	97
22) Diisopropyl ether	6.118	45	193719	52.788	ug/l	98
23) Vinyl Acetate	6.057	43	582053	255.268	ug/l	99
24) 1,1-Dichloroethane	6.015	63	109599	52.411	ug/l	99
25) 2-Butanone	6.984	43	124965	243.741	ug/l	99
26) 2,2-Dichloropropane	6.978	77	90719	48.846	ug/l	98
27) cis-1,2-Dichloroethene	6.984	96	63772	50.042	ug/l	99
28) Bromochloromethane	7.332	49	36042	47.164	ug/l	98
29) Tetrahydrofuran	7.350	42	75264	243.401	ug/l	98
30) Chloroform	7.502	83	107039	51.822	ug/l	98
31) Cyclohexane	7.783	56	90472	44.794	ug/l	98
32) 1,1,1-Trichloroethane	7.704	97	91047	48.742	ug/l	98
36) 1,1-Dichloropropene	7.917	75	79072	48.425	ug/l	99
37) Ethyl Acetate	7.069	43	48974	47.586	ug/l	99
38) Carbon Tetrachloride	7.899	117	84705	50.234	ug/l	98
39) Methylcyclohexane	9.185	83	91910	47.345	ug/l	98
40) Benzene	8.161	78	227595	49.274	ug/l	99

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Reviewed By :Krupa Patel 03/29/2023
 Supervised By :Mahesh Dadoda 03/29/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	22562m	40.690	ug/l	
42) 1,2-Dichloroethane	8.234	62	70560	50.811	ug/l	100
43) Isopropyl Acetate	8.270	43	87750	47.789	ug/l	99
44) Trichloroethene	8.941	130	59966	49.241	ug/l	98
45) 1,2-Dichloropropane	9.215	63	59001	50.543	ug/l	99
46) Dibromomethane	9.307	93	33255	50.005	ug/l	98
47) Bromodichloromethane	9.496	83	80552	51.400	ug/l	98
48) Methyl methacrylate	9.295	41	39666	46.883	ug/l	97
49) 1,4-Dioxane	9.301	88	8430	980.552	ug/l	97
51) 4-Methyl-2-Pentanone	10.069	43	242573	243.545	ug/l	100
52) Toluene	10.246	92	143056	51.355	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	83880	51.028	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	95711	51.442	ug/l	98
55) 1,1,2-Trichloroethane	10.642	97	46396	50.095	ug/l	99
56) Ethyl methacrylate	10.508	69	62280	50.432	ug/l	99
57) 1,3-Dichloropropane	10.788	76	79939	50.675	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.782	63	161327	248.852	ug/l	100
59) 2-Hexanone	10.831	43	180075	248.763	ug/l	98
60) Dibromochloromethane	10.983	129	58393	51.795	ug/l	99
61) 1,2-Dibromoethane	11.087	107	44934	50.365	ug/l	100
64) Tetrachloroethene	10.721	164	52524	49.977	ug/l	97
65) Chlorobenzene	11.514	112	153500	50.668	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	58577	52.254	ug/l	99
67) Ethyl Benzene	11.593	91	272796	51.216	ug/l	99
68) m/p-Xylenes	11.703	106	210269	102.619	ug/l	100
69) o-Xylene	12.032	106	99083	51.813	ug/l	98
70) Styrene	12.044	104	169035	52.968	ug/l	99
71) Bromoform	12.209	173	37699	51.578	ug/l #	100
73) Isopropylbenzene	12.331	105	262699	48.233	ug/l	100
74) N-amyl acetate	12.142	43	75119	43.835	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.581	83	56796	46.389	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	38043m	41.454	ug/l	
77) Bromobenzene	12.611	156	63289	47.833	ug/l	97
78) n-propylbenzene	12.672	91	326627	48.642	ug/l	100
79) 2-Chlorotoluene	12.757	91	180989	48.496	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	220529	49.063	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	20635	46.590	ug/l	99
82) 4-Chlorotoluene	12.855	91	188145	48.701	ug/l	98
83) tert-Butylbenzene	13.075	119	188544	48.600	ug/l	100
84) 1,2,4-Trimethylbenzene	13.123	105	217488	49.483	ug/l	100
85) sec-Butylbenzene	13.257	105	288418	48.732	ug/l	100
86) p-Isopropyltoluene	13.373	119	238159	49.236	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	125162	49.047	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	126140	48.432	ug/l	99
89) n-Butylbenzene	13.696	91	222715	48.096	ug/l	100
90) Hexachloroethane	13.965	117	48433	48.074	ug/l	95
91) 1,2-Dichlorobenzene	13.739	146	113150	49.050	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.361	75	9101	45.995	ug/l	96
93) 1,2,4-Trichlorobenzene	15.007	180	60603	42.669	ug/l	99
94) Hexachlorobutadiene	15.111	225	36281	41.881	ug/l	98
95) Naphthalene	15.239	128	122429	43.015	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	54408	43.072	ug/l	99

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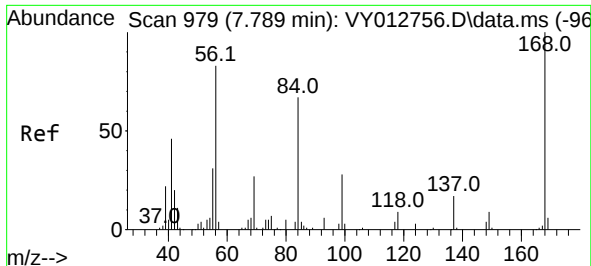
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 03/29/2023

Quant Time: Mar 29 02:24:55 2023
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Quant Title : SW846 8260
QLast Update : Fri Mar 03 01:13:13 2023
Response via : Initial Calibration

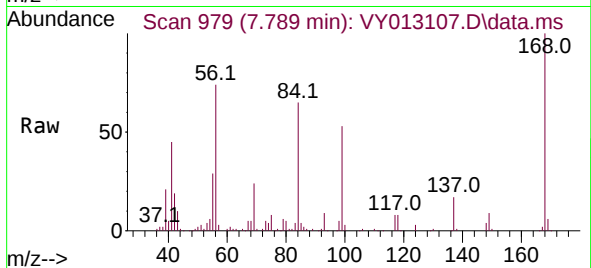
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013107.D
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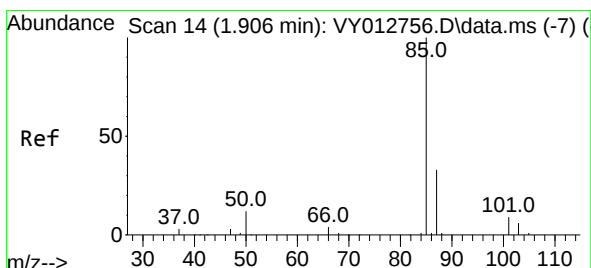
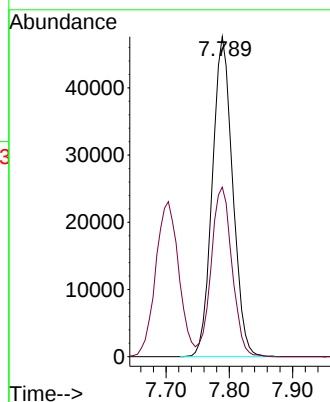
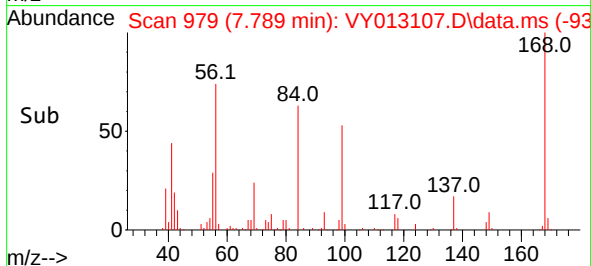
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 10621
Ion Ratio Lower Upper
168 100
99 53.0 41.7 62.5

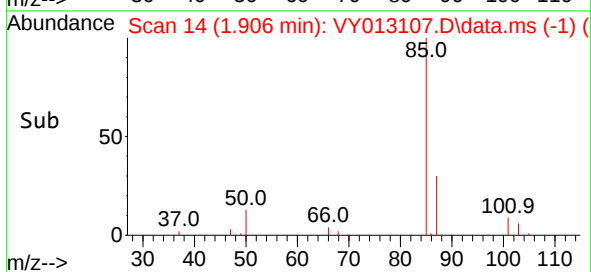
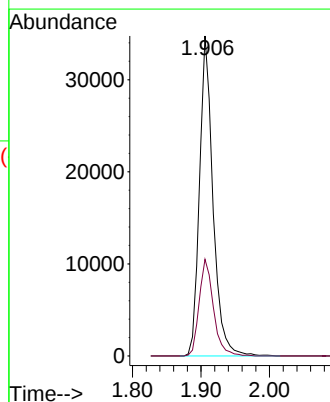
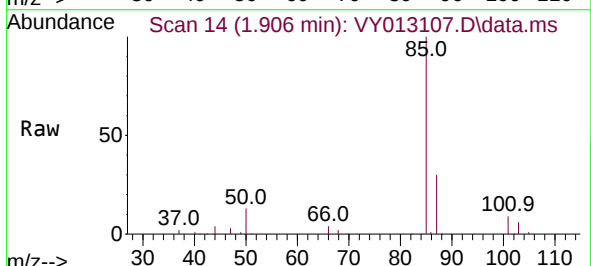
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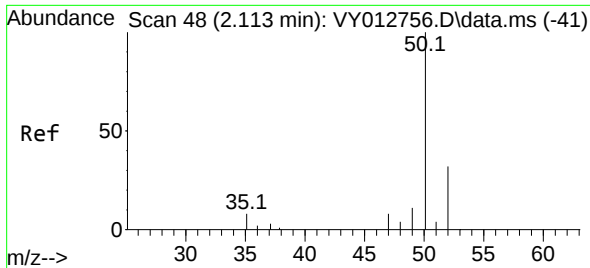
Reviewed By :Krupa Patel 03/29/2023
Supervised By :Mahesh Dadoda 03/29/2023



#2
Dichlorodifluoromethane
Concen: 45.556 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY013107.D
Acq: 28 Mar 2023 10:52

Tgt Ion: 85 Resp: 47694
Ion Ratio Lower Upper
85 100
87 30.2 16.7 50.0





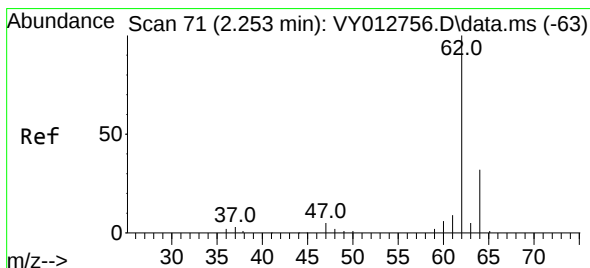
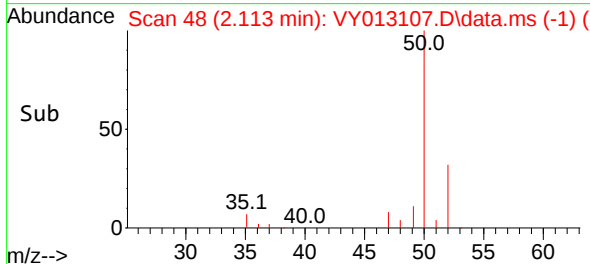
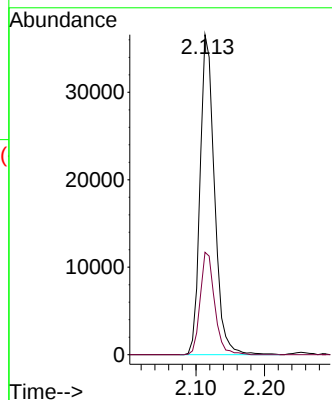
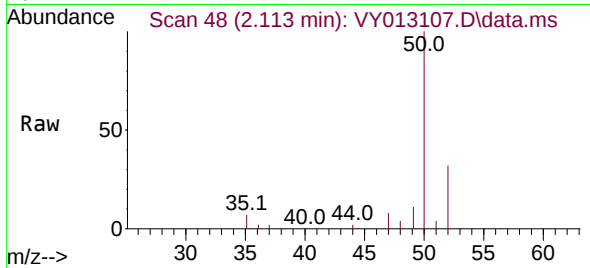
#3
Chloromethane
Concen: 42.826 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY013107.D
Acq: 28 Mar 2023 10:52

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 50 Resp: 5360
Ion Ratio Lower Upper
50 100
52 32.0 26.0 39.0

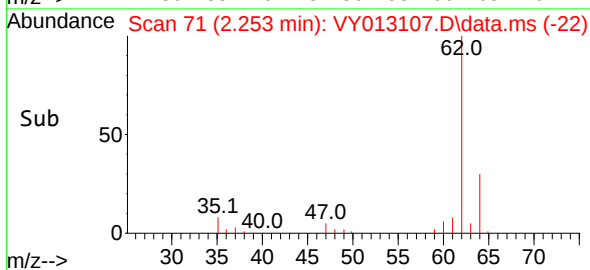
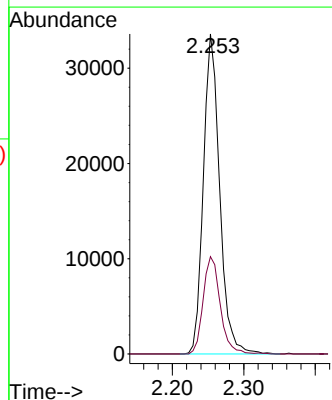
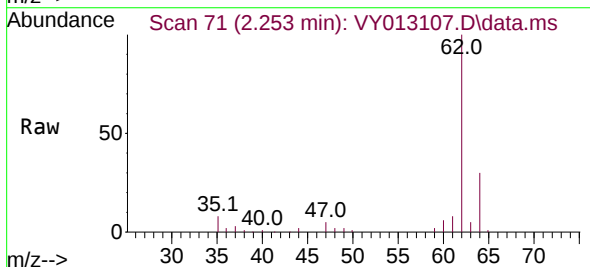
Manual Integrations
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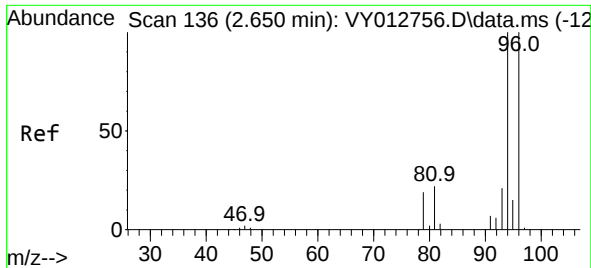
Reviewed By :Krupa Patel 03/29/2023
Supervised By :Mahesh Dadoda 03/29/2023



#4
Vinyl Chloride
Concen: 46.297 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY013107.D
Acq: 28 Mar 2023 10:52

Tgt Ion: 62 Resp: 53135
Ion Ratio Lower Upper
62 100
64 30.4 25.6 38.4





#5

Bromomethane

Concen: 50.337 ug/l

RT: 2.650 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY013107.D

Acq: 28 Mar 2023 10:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 94 Resp: 35104

Ion Ratio Lower Upper

94 100

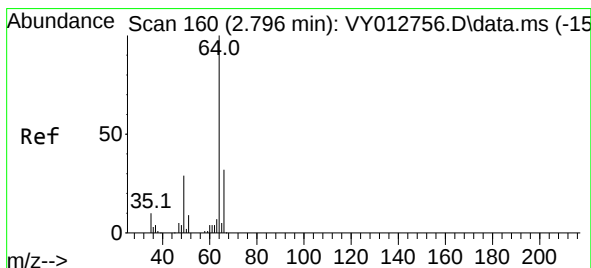
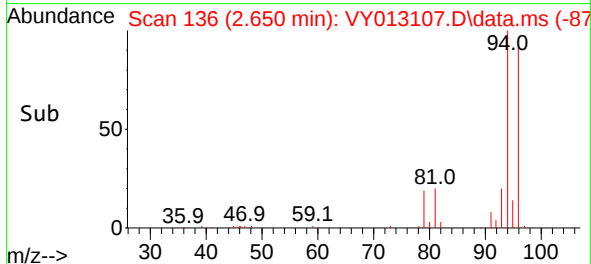
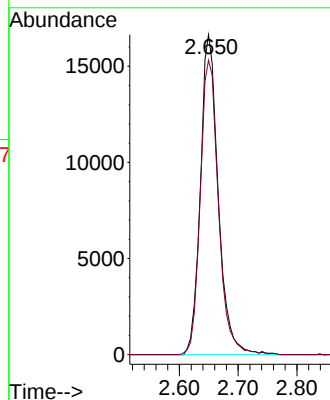
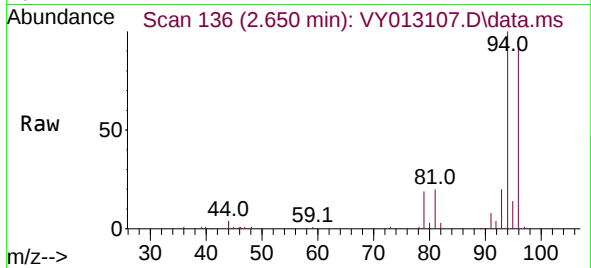
96 92.0 80.3 120.5

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 03/29/2023

Supervised By :Mahesh Dadoda 03/29/2023



#6

Chloroethane

Concen: 50.127 ug/l

RT: 2.796 min Scan# 160

Delta R.T. -0.000 min

Lab File: VY013107.D

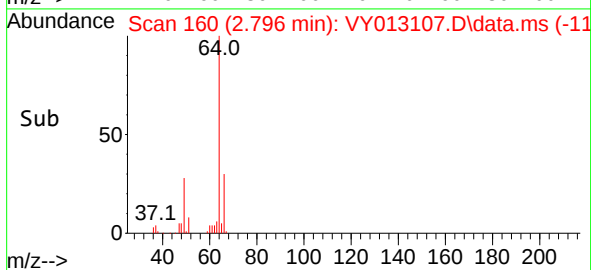
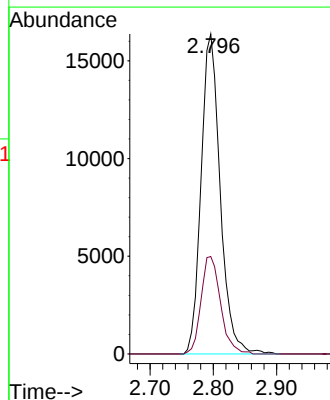
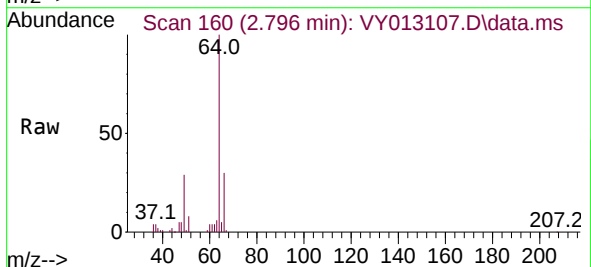
Acq: 28 Mar 2023 10:52

Tgt Ion: 64 Resp: 34455

Ion Ratio Lower Upper

64 100

66 30.5 25.7 38.5





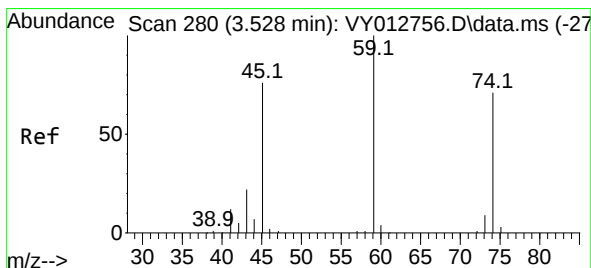
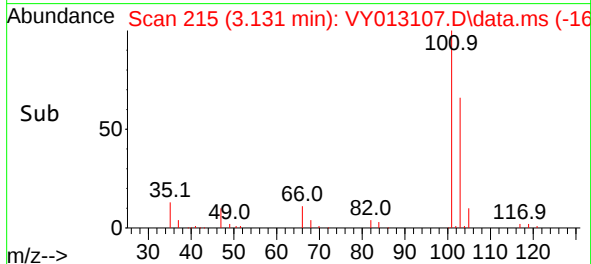
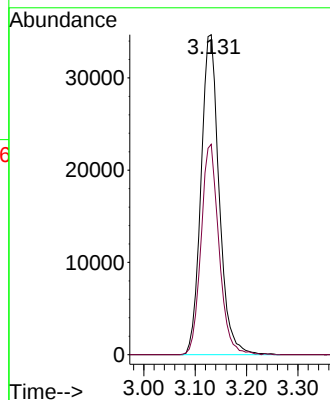
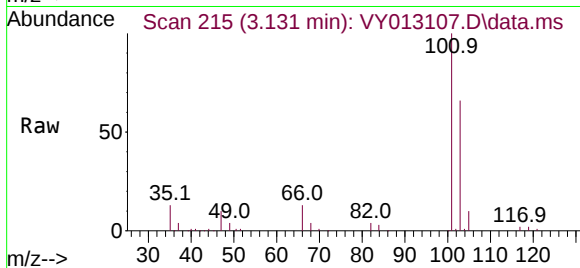
#7
Trichlorofluoromethane
Concen: 44.526 ug/l
RT: 3.131 min Scan# 214
Delta R.T. 0.006 min
Lab File: VY013107.D
Acq: 28 Mar 2023 10:52

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 8487
Ion Ratio Lower Upper
101 100
103 65.8 51.5 77.3

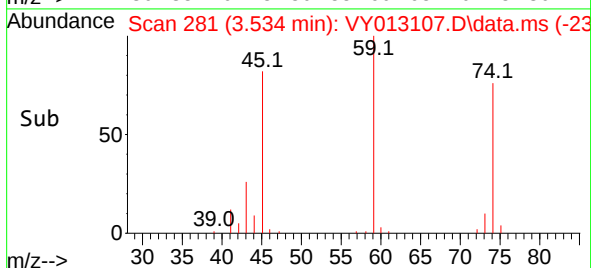
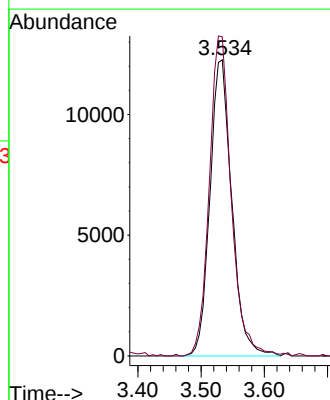
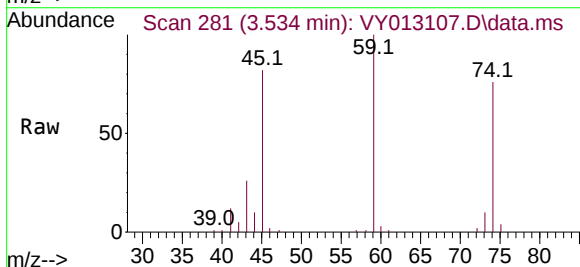
Manual Integrations
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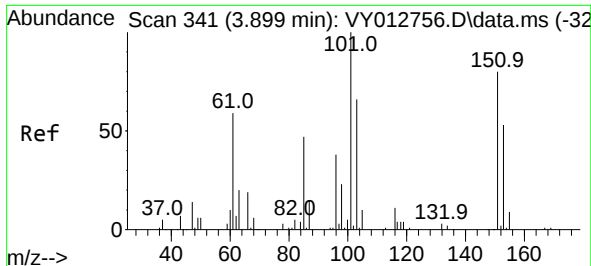
Reviewed By :Krupa Patel 03/29/2023
Supervised By :Mahesh Dadoda 03/29/2023



#8
Diethyl Ether
Concen: 44.091 ug/l
RT: 3.534 min Scan# 281
Delta R.T. 0.006 min
Lab File: VY013107.D
Acq: 28 Mar 2023 10:52

Tgt Ion: 74 Resp: 29453
Ion Ratio Lower Upper
74 100
45 108.5 52.1 156.4





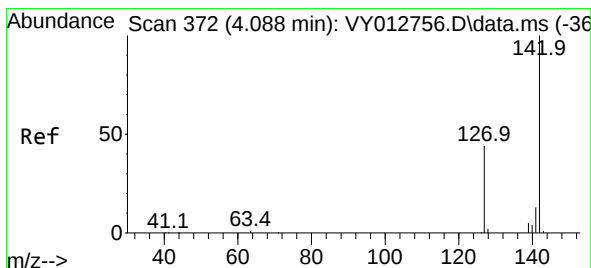
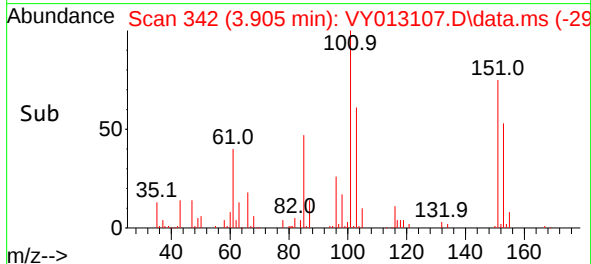
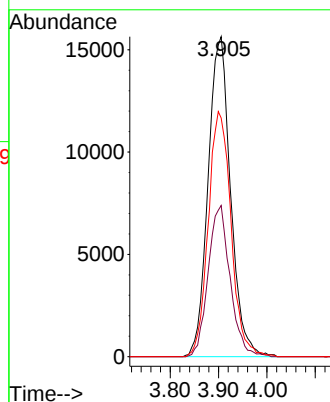
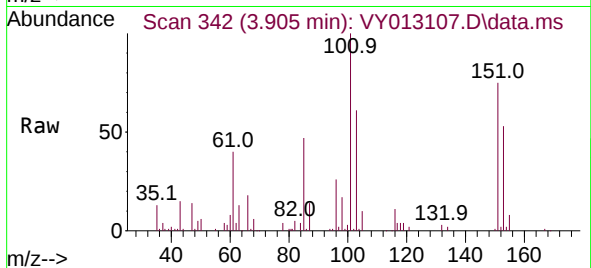
#9
1,1,2-Trichlorotrifluoroethane
Concen: 44.023 ug/l
RT: 3.905 min Scan# 341
Delta R.T. 0.006 min
Lab File: VY013107.D
Acq: 28 Mar 2023 10:52

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 5048
Ion Ratio Lower Upper
101 100
85 46.2 35.3 52.9
151 77.8 63.1 94.7

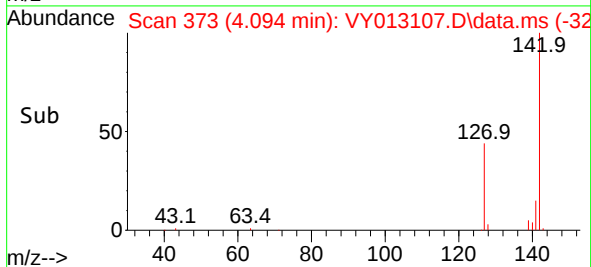
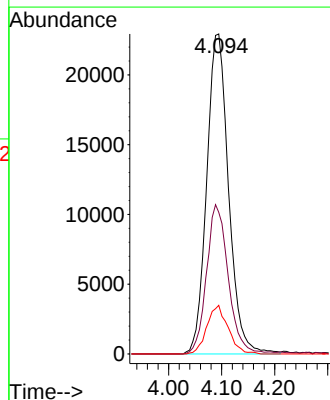
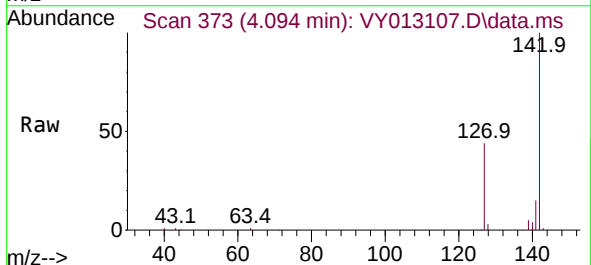
Manual Integrations
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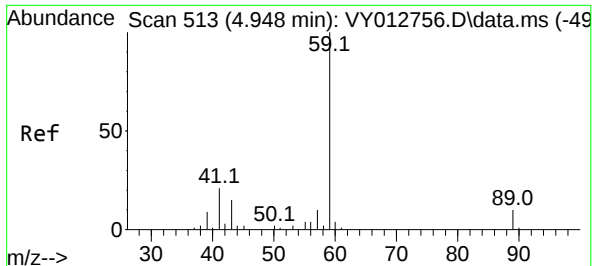
Reviewed By :Krupa Patel 03/29/2023
Supervised By :Mahesh Dadoda 03/29/2023



#10
Methyl Iodide
Concen: 44.077 ug/l
RT: 4.094 min Scan# 373
Delta R.T. 0.006 min
Lab File: VY013107.D
Acq: 28 Mar 2023 10:52

Tgt Ion:142 Resp: 65864
Ion Ratio Lower Upper
142 100
127 46.4 35.4 53.2
141 14.7 11.3 16.9





#11

Tert butyl alcohol

Concen: 200.357 ug/l

RT: 4.948 min Scan# 513

Delta R.T. -0.000 min

Lab File: VY013107.D

Acq: 28 Mar 2023 10:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 59 Resp: 2478

Ion Ratio Lower Upper

59 100

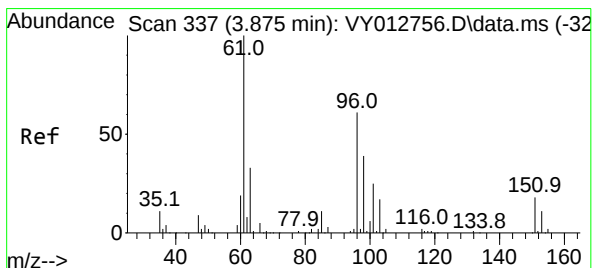
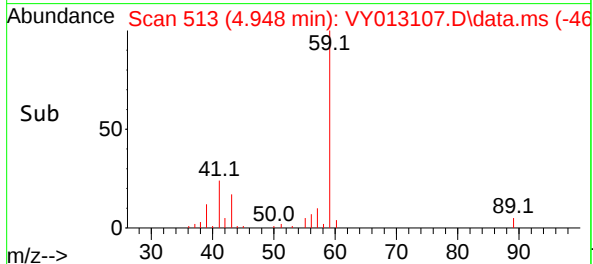
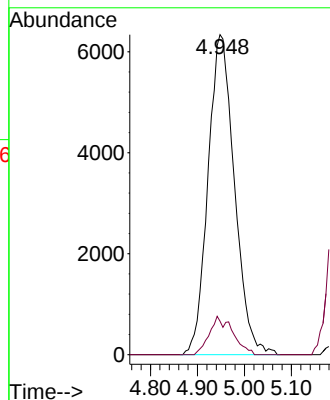
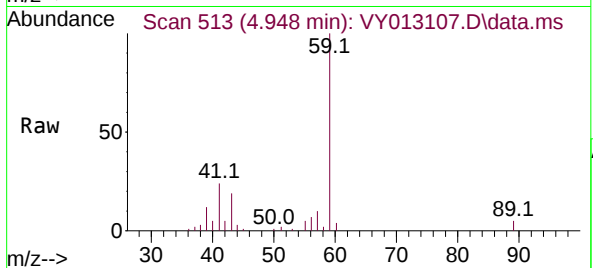
57 6.0 7.7 11.5

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 03/29/2023

Supervised By :Mahesh Dadoda 03/29/2023



#12

1,1-Dichloroethene

Concen: 43.206 ug/l

RT: 3.875 min Scan# 337

Delta R.T. -0.000 min

Lab File: VY013107.D

Acq: 28 Mar 2023 10:52

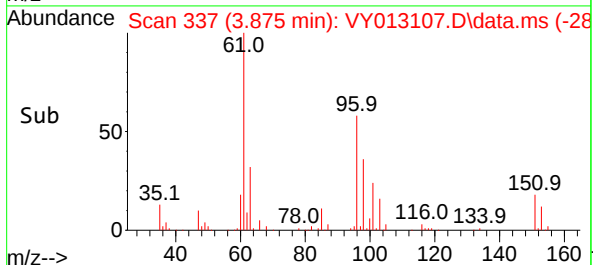
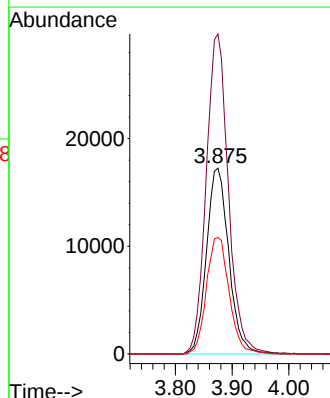
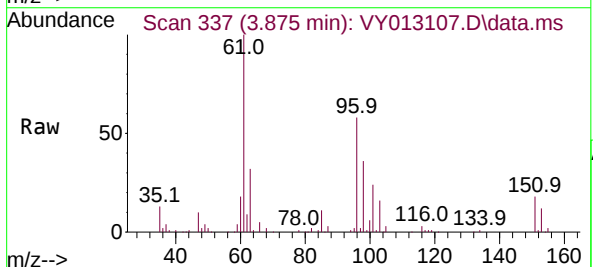
Tgt Ion: 96 Resp: 47258

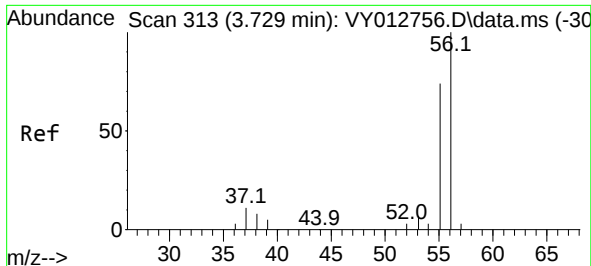
Ion Ratio Lower Upper

96 100

61 172.2 131.7 197.5

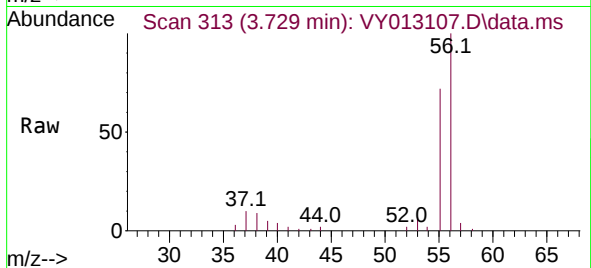
98 62.7 52.0 78.0





#13
Acrolein
Concen: 161.270 ug/l
RT: 3.729 min Scan# 313
Delta R.T. -0.000 min
Lab File: VY013107.D
Acq: 28 Mar 2023 10:52

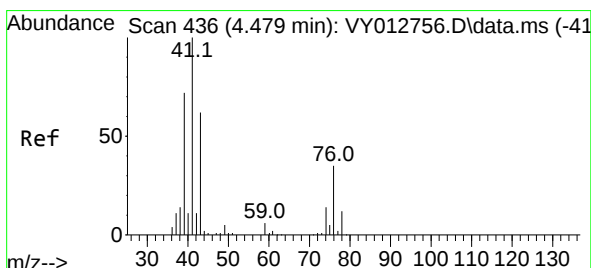
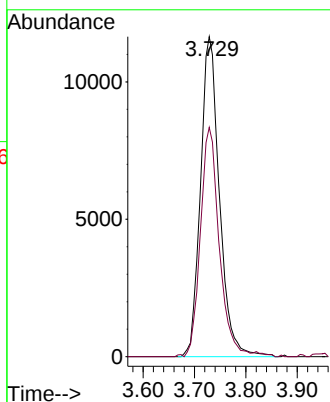
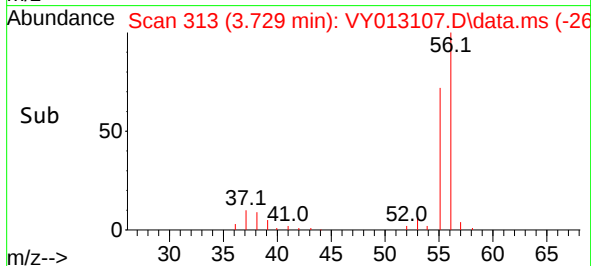
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 2979
Ion Ratio Lower Upper
56 100
55 71.0 56.8 85.2

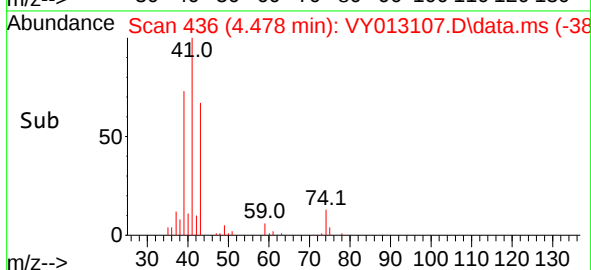
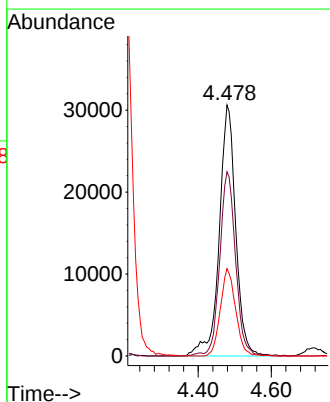
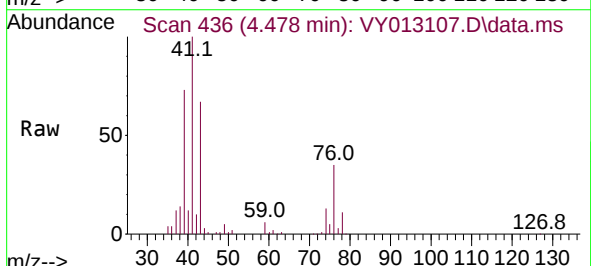
Manual Integrations
APPROVED

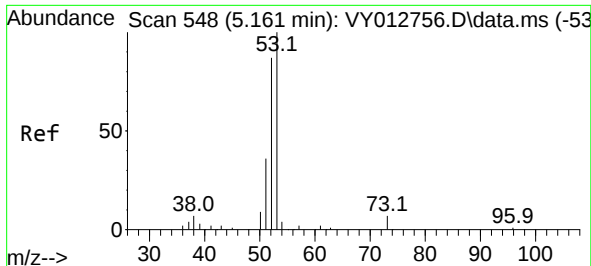
Reviewed By :Krupa Patel 03/29/2023
Supervised By :Mahesh Dadoda 03/29/2023



#14
Allyl chloride
Concen: 47.527 ug/l
RT: 4.478 min Scan# 436
Delta R.T. -0.001 min
Lab File: VY013107.D
Acq: 28 Mar 2023 10:52

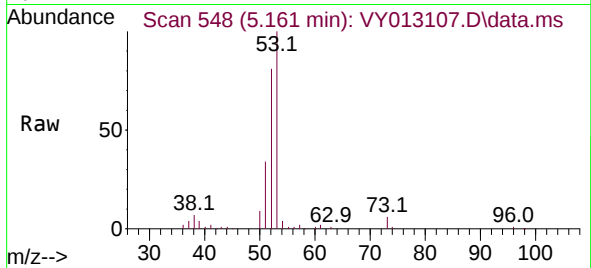
Tgt Ion: 41 Resp: 96026
Ion Ratio Lower Upper
41 100
39 69.5 53.6 80.4
76 32.2 27.2 40.8





#15
Acrylonitrile
Concen: 241.808 ug/l
RT: 5.161 min Scan# 548
Delta R.T. 0.000 min
Lab File: VY013107.D
Acq: 28 Mar 2023 10:52

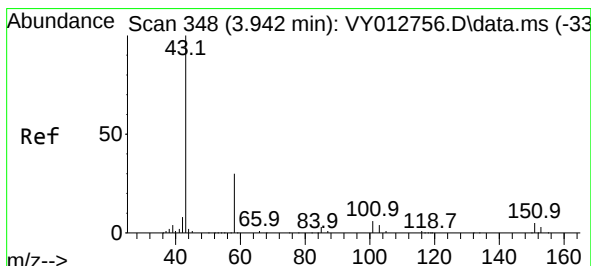
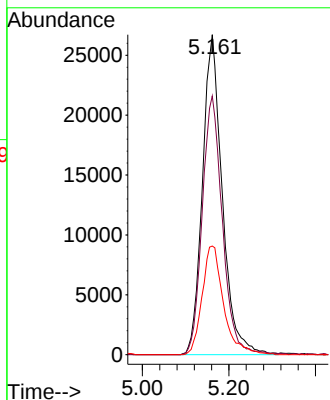
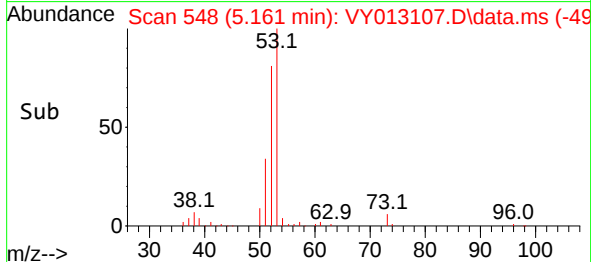
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 85109
Ion Ratio Lower Upper
53 100
52 81.9 66.3 99.5
51 36.7 28.8 43.2

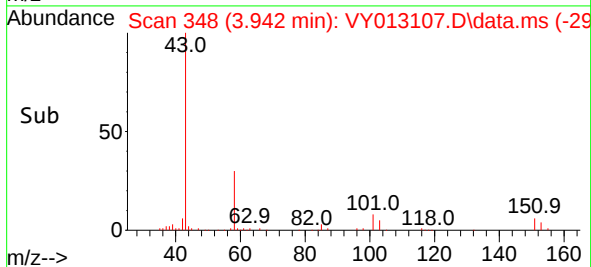
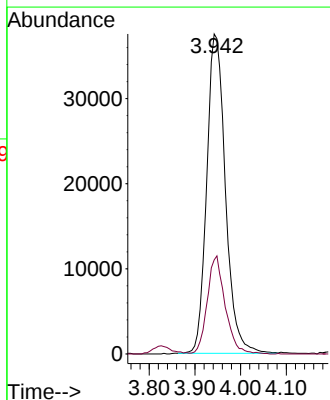
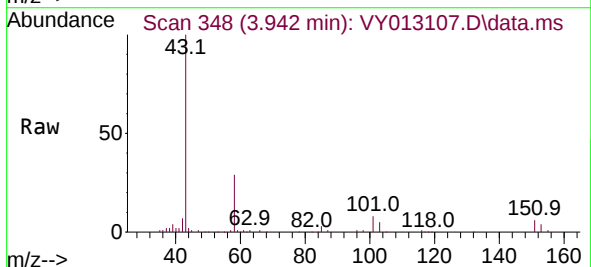
Manual Integrations
APPROVED

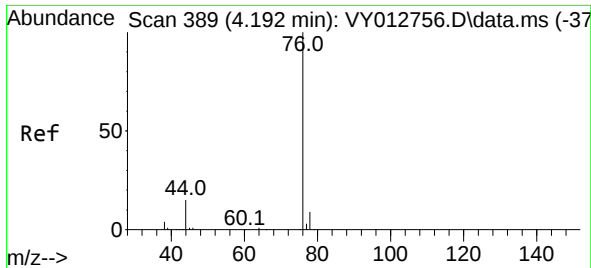
Reviewed By :Krupa Patel 03/29/2023
Supervised By :Mahesh Dadoda 03/29/2023



#16
Acetone
Concen: 258.153 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY013107.D
Acq: 28 Mar 2023 10:52

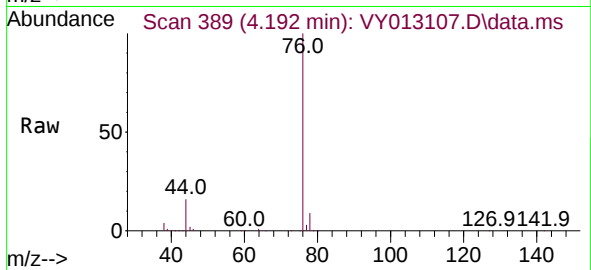
Tgt Ion: 43 Resp: 106859
Ion Ratio Lower Upper
43 100
58 29.3 24.2 36.2





#17
Carbon Disulfide
Concen: 40.421 ug/l
RT: 4.192 min Scan# 389
Delta R.T. -0.000 min
Lab File: VY013107.D
Acq: 28 Mar 2023 10:52

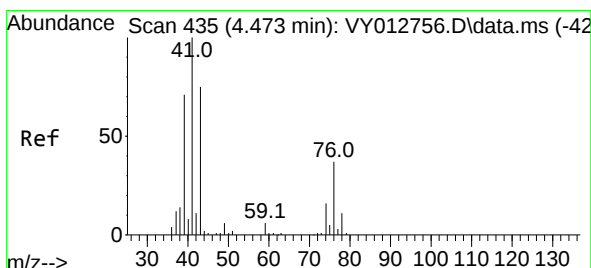
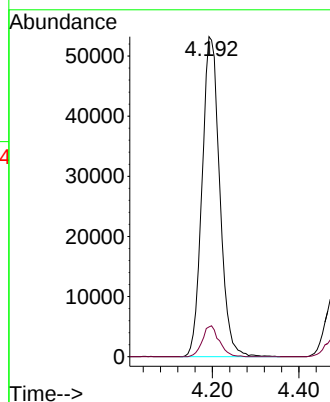
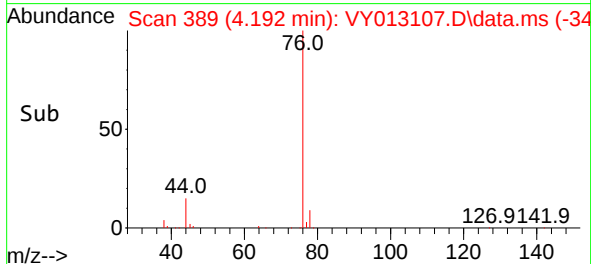
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 15049
Ion Ratio Lower Upper
76 100
78 9.3 7.1 10.7

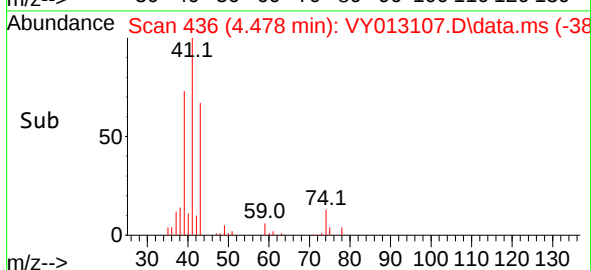
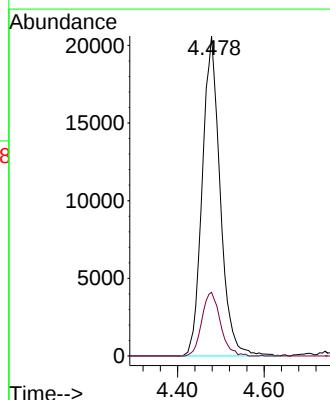
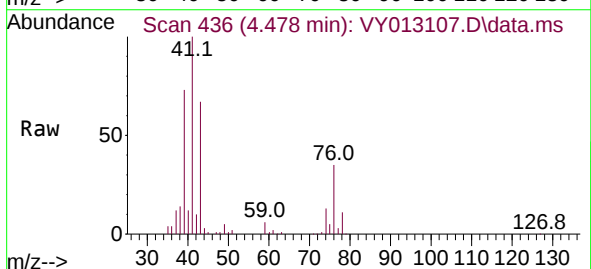
Manual Integrations
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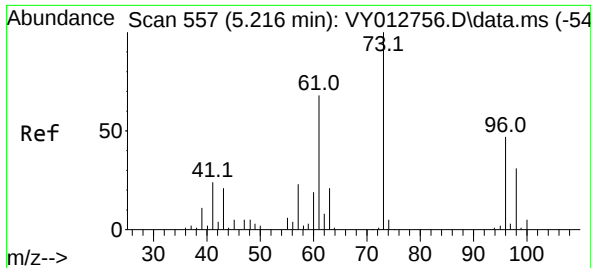
Reviewed By :Krupa Patel 03/29/2023
Supervised By :Mahesh Dadoda 03/29/2023



#18
Methyl Acetate
Concen: 48.006 ug/l
RT: 4.478 min Scan# 436
Delta R.T. 0.005 min
Lab File: VY013107.D
Acq: 28 Mar 2023 10:52

Tgt Ion: 43 Resp: 59177
Ion Ratio Lower Upper
43 100
74 20.7 17.4 26.0





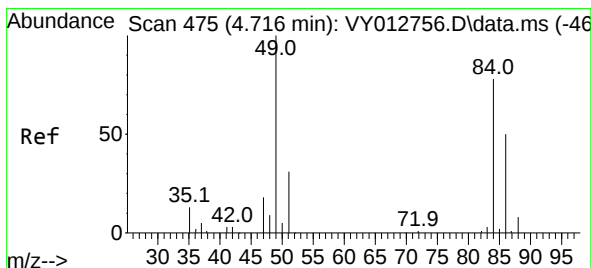
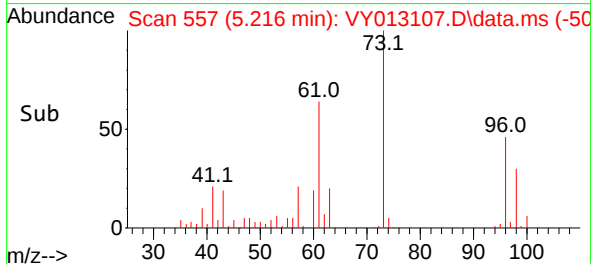
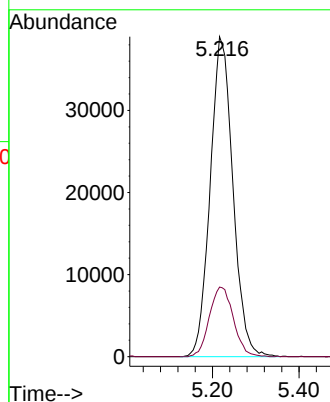
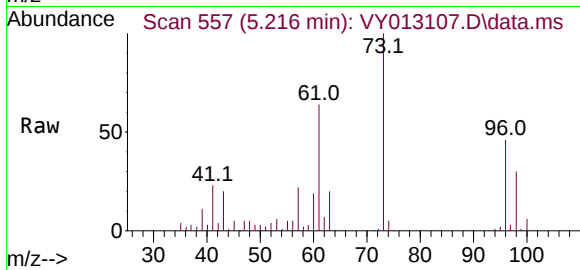
#19
Methyl tert-butyl Ether
Concen: 50.218 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY013107.D
Acq: 28 Mar 2023 10:52

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 14187
Ion Ratio Lower Upper
73 100
57 21.8 18.3 27.5

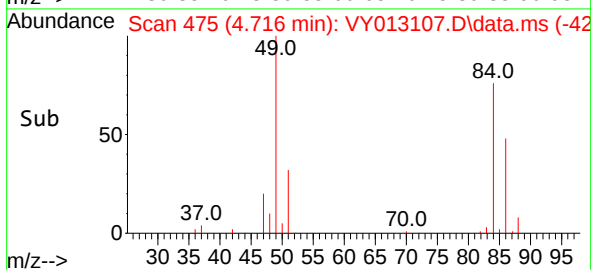
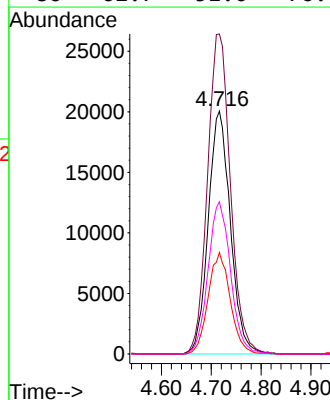
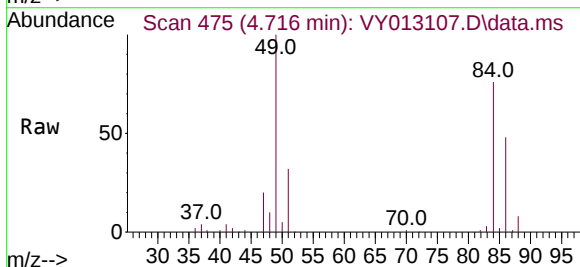
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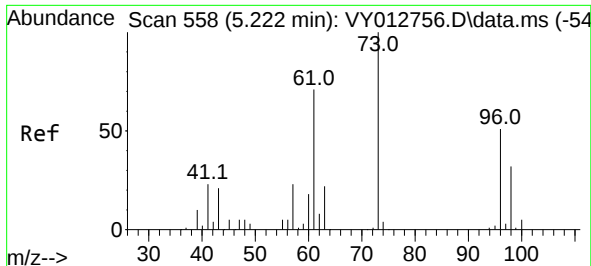
Reviewed By :Krupa Patel 03/29/2023
Supervised By :Mahesh Dadoda 03/29/2023



#20
Methylene Chloride
Concen: 48.930 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY013107.D
Acq: 28 Mar 2023 10:52

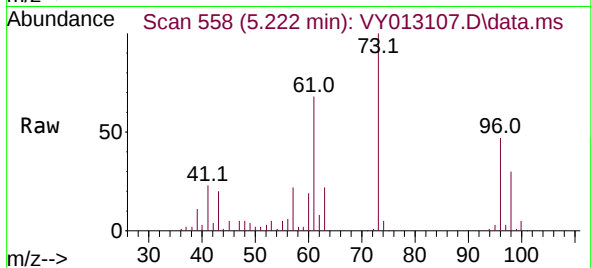
Tgt Ion: 84 Resp: 61951
Ion Ratio Lower Upper
84 100
49 131.7 102.6 154.0
51 41.7 31.9 47.9
86 62.7 51.0 76.6





#21
trans-1,2-Dichloroethene
Concen: 49.333 ug/l
RT: 5.222 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY013107.D
Acq: 28 Mar 2023 10:52

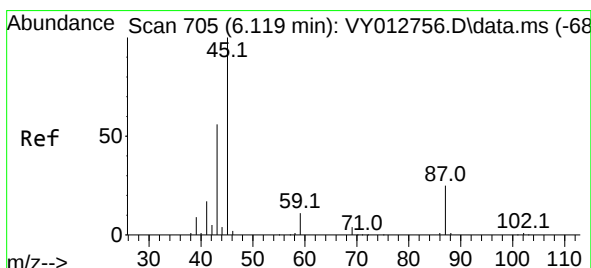
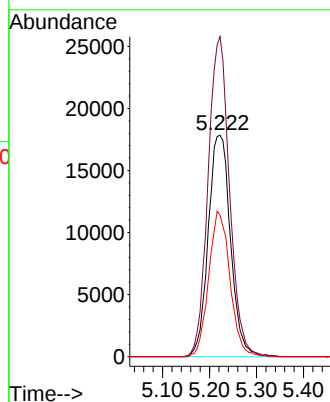
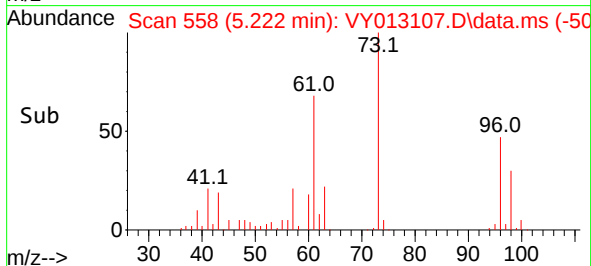
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



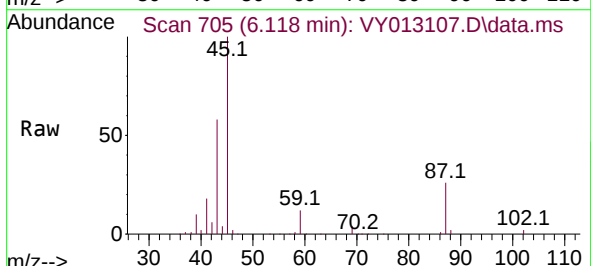
Tgt Ion: 96 Resp: 58639
Ion Ratio Lower Upper
96 100
61 144.5 111.4 167.0
98 64.0 50.8 76.2

Manual Integrations
APPROVED

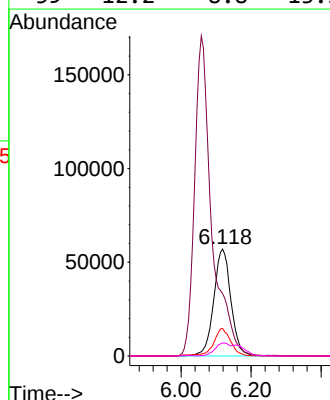
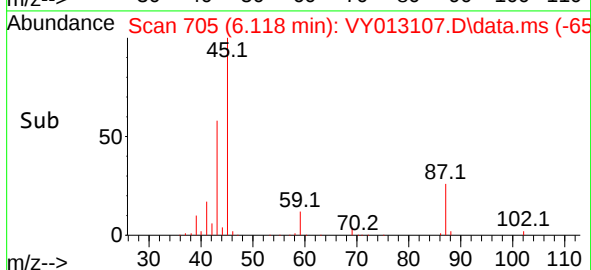
Reviewed By :Krupa Patel 03/29/2023
Supervised By :Mahesh Dadoda 03/29/2023

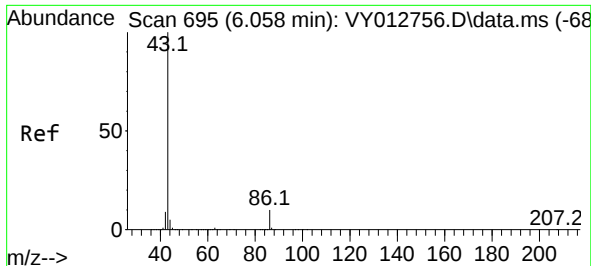


#22
Diisopropyl ether
Concen: 52.788 ug/l
RT: 6.118 min Scan# 705
Delta R.T. -0.001 min
Lab File: VY013107.D
Acq: 28 Mar 2023 10:52



Tgt Ion: 45 Resp: 193719
Ion Ratio Lower Upper
45 100
43 58.1 45.0 67.6
87 25.7 20.3 30.5
59 12.2 8.8 13.2





#23
 Vinyl Acetate
 Concen: 255.268 ug/l
 RT: 6.057 min Scan# 695
 Delta R.T. -0.001 min
 Lab File: VY013107.D
 Acq: 28 Mar 2023 10:52

Instrument :

MSVOA_Y

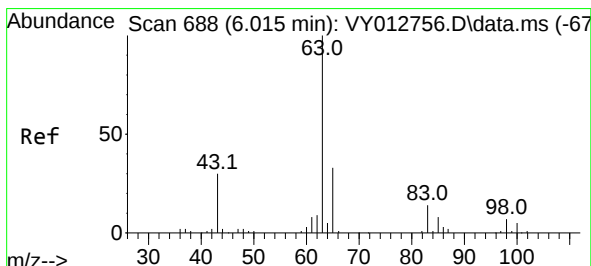
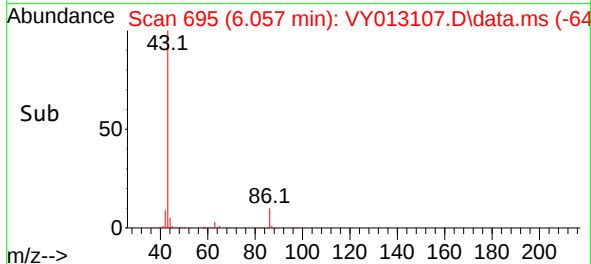
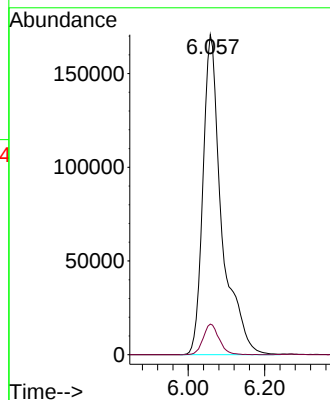
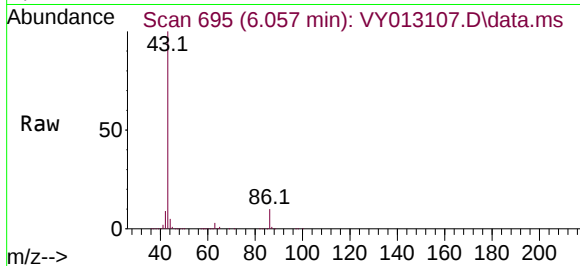
ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 58205
 Ion Ratio Lower Upper
 43 100
 86 9.6 7.8 11.8

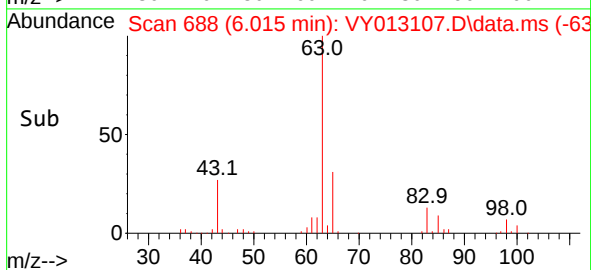
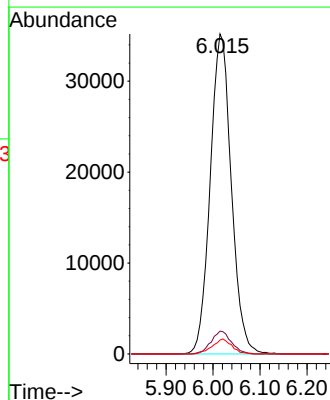
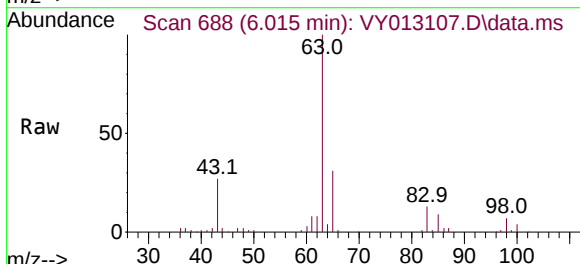
Manual Integrations
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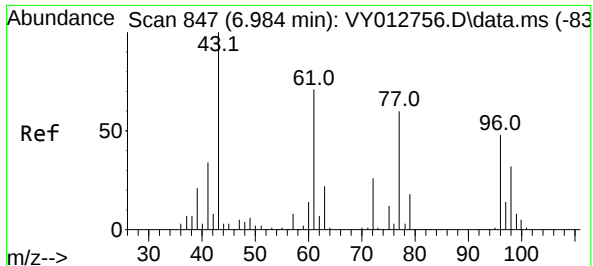
Reviewed By :Krupa Patel 03/29/2023
 Supervised By :Mahesh Dadoda 03/29/2023



#24
 1,1-Dichloroethane
 Concen: 52.411 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY013107.D
 Acq: 28 Mar 2023 10:52

Tgt Ion: 63 Resp: 109599
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.7 11.1
 100 4.4 2.3 6.8





#25

2-Butanone

Concen: 243.741 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY013107.D

Acq: 28 Mar 2023 10:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 12496

Ion Ratio Lower Upper

43 100

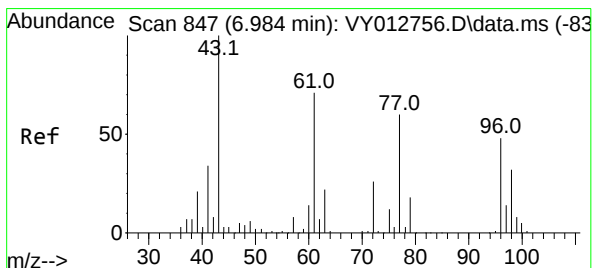
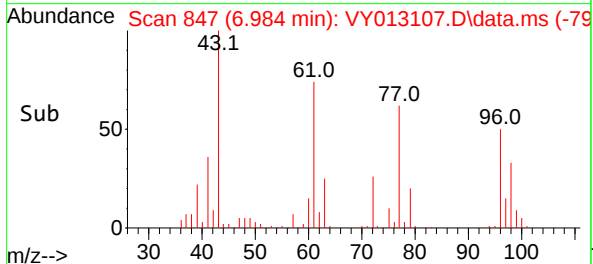
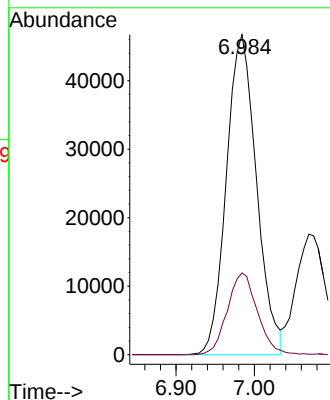
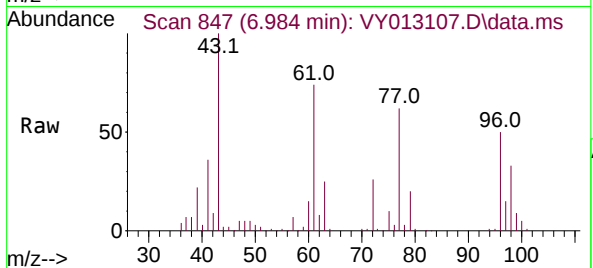
72 25.5 21.0 31.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 03/29/2023

Supervised By :Mahesh Dadoda 03/29/2023



#26

2,2-Dichloropropane

Concen: 48.846 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY013107.D

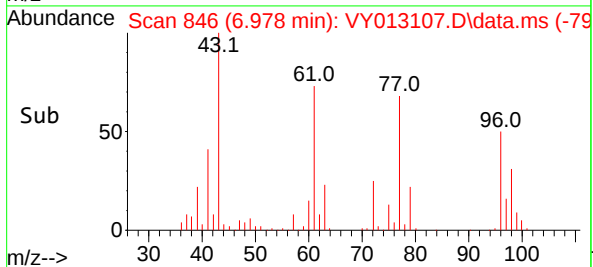
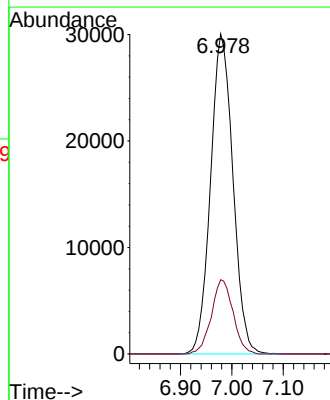
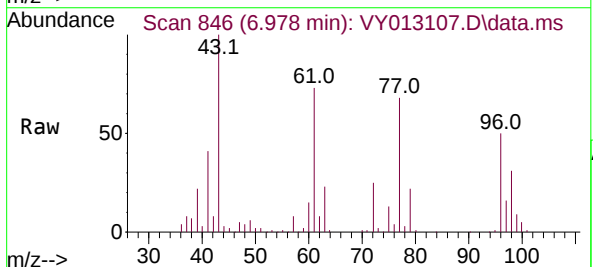
Acq: 28 Mar 2023 10:52

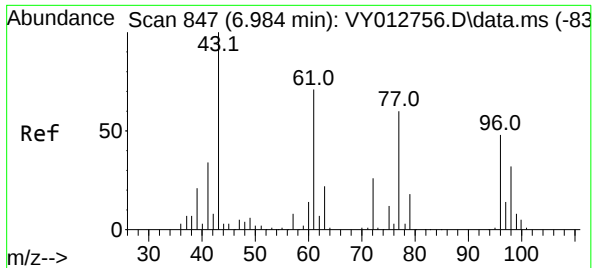
Tgt Ion: 77 Resp: 90719

Ion Ratio Lower Upper

77 100

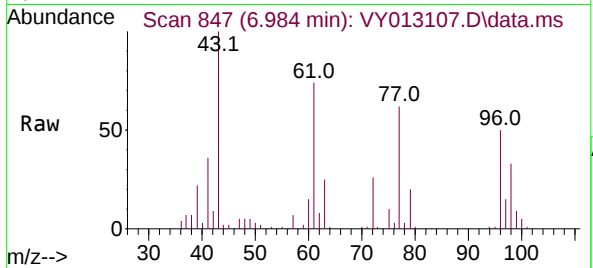
97 22.5 11.7 35.0





#27
 cis-1,2-Dichloroethene
 Concen: 50.042 ug/l
 RT: 6.984 min Scan# 847
 Delta R.T. 0.000 min
 Lab File: VY013107.D
 Acq: 28 Mar 2023 10:52

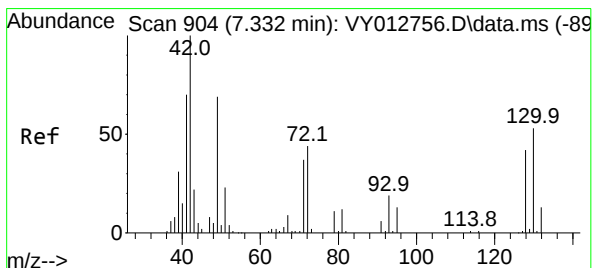
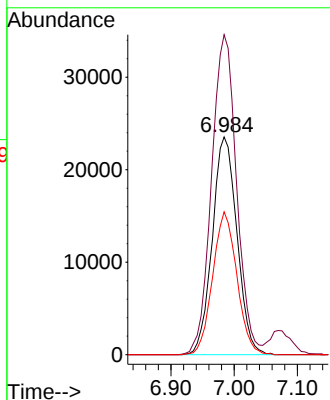
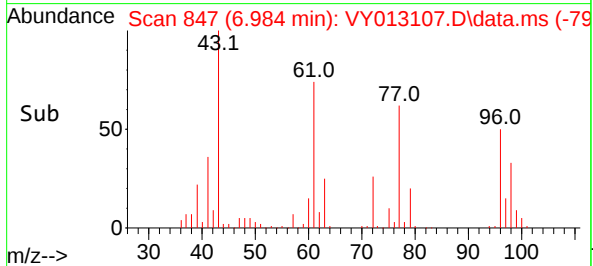
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 63772
 Ion Ratio Lower Upper
 96 100
 61 149.0 0.0 295.8
 98 64.3 0.0 130.2

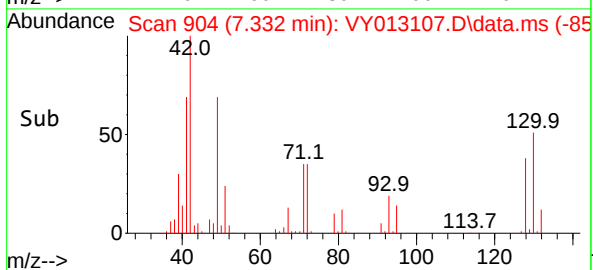
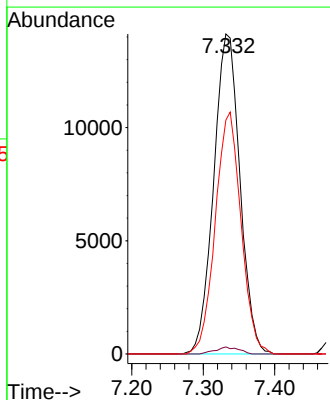
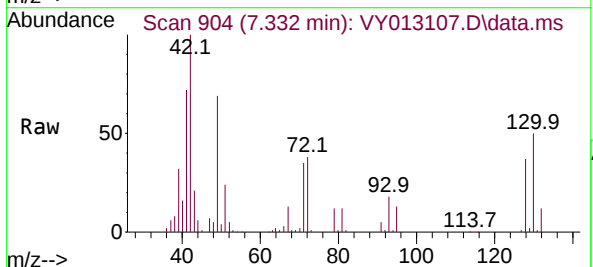
Manual Integrations
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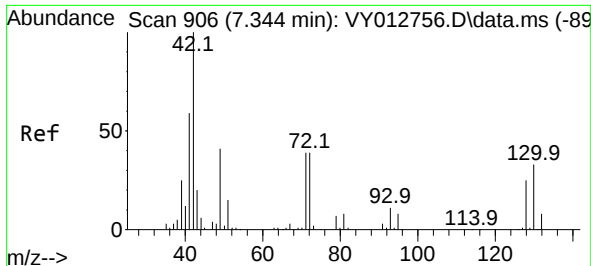
Reviewed By :Krupa Patel 03/29/2023
 Supervised By :Mahesh Dadoda 03/29/2023



#28
 Bromochloromethane
 Concen: 47.164 ug/l
 RT: 7.332 min Scan# 904
 Delta R.T. -0.000 min
 Lab File: VY013107.D
 Acq: 28 Mar 2023 10:52

Tgt Ion: 49 Resp: 36042
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 4.2
 130 74.1 60.5 90.7





#29

Tetrahydrofuran

Concen: 243.401 ug/l

RT: 7.350 min Scan# 906

Delta R.T. 0.006 min

Lab File: VY013107.D

Acq: 28 Mar 2023 10:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

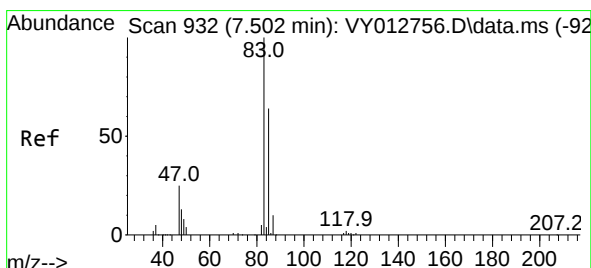
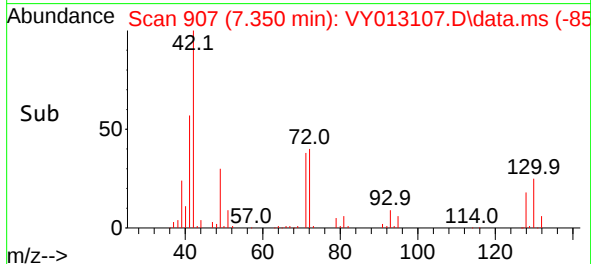
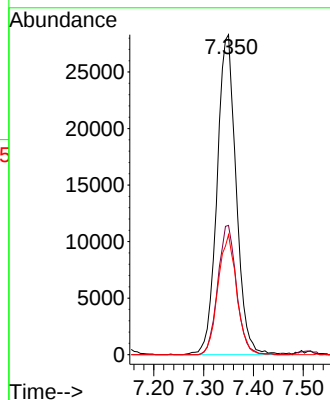
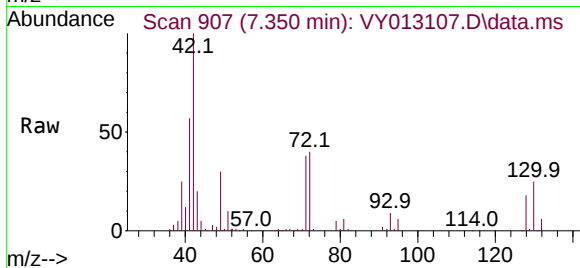
Tgt Ion:	42	Resp:	75264
Ion	Ratio	Lower	Upper
42	100		
72	39.6	32.3	48.5
71	36.7	30.3	45.5

Manual Integrations

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Reviewed By :Krupa Patel 03/29/2023

Supervised By :Mahesh Dadoda 03/29/2023



#30

Chloroform

Concen: 51.822 ug/l

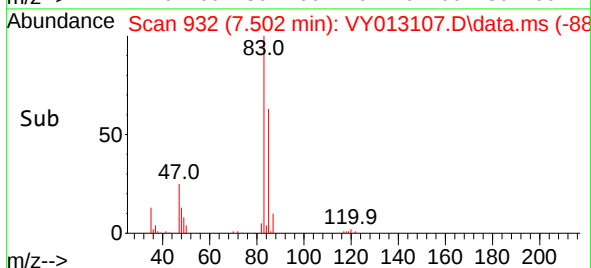
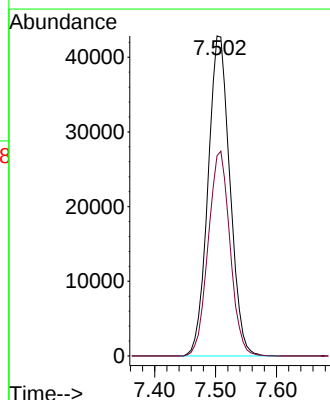
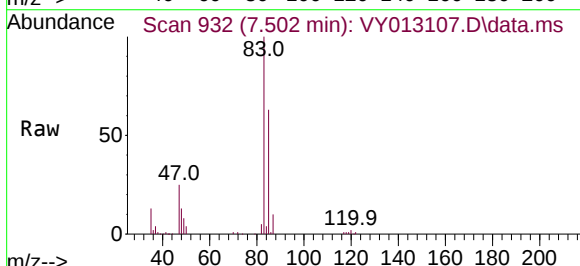
RT: 7.502 min Scan# 932

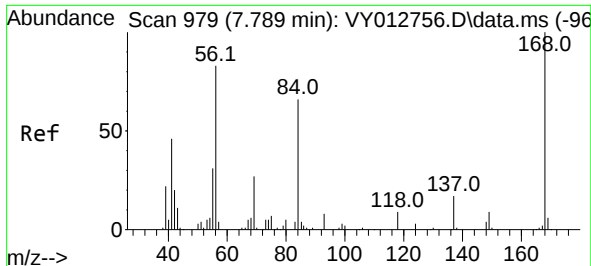
Delta R.T. 0.000 min

Lab File: VY013107.D

Acq: 28 Mar 2023 10:52

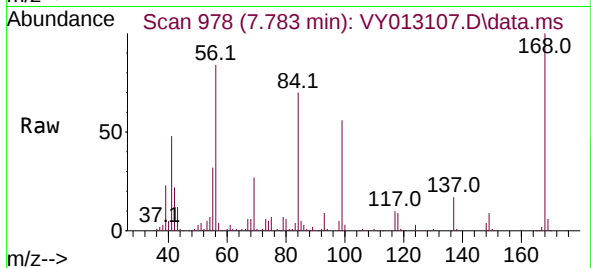
Tgt Ion:	83	Resp:	107039
Ion	Ratio	Lower	Upper
83	100		
85	62.5	51.4	77.0





#31
Cyclohexane
Concen: 44.794 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013107.D
Acq: 28 Mar 2023 10:52

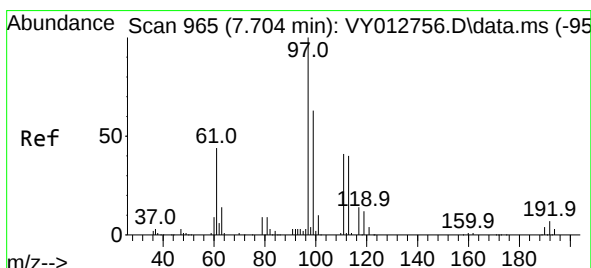
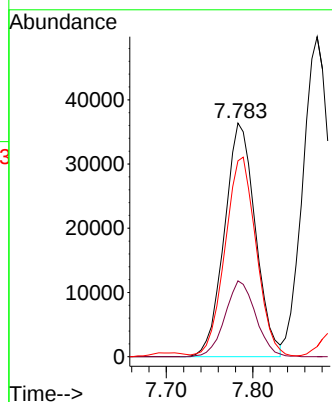
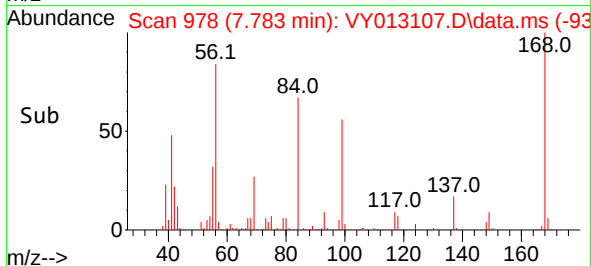
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



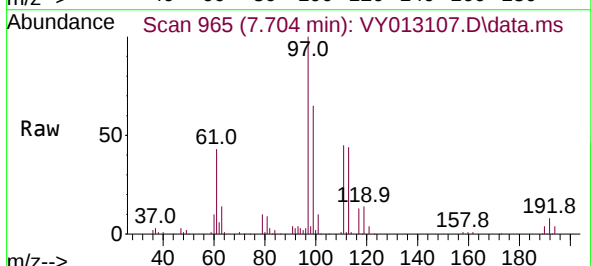
Tgt Ion: 56 Resp: 90472
Ion Ratio Lower Upper
56 100
69 32.4 25.7 38.5
84 82.4 64.3 96.5

Manual Integrations
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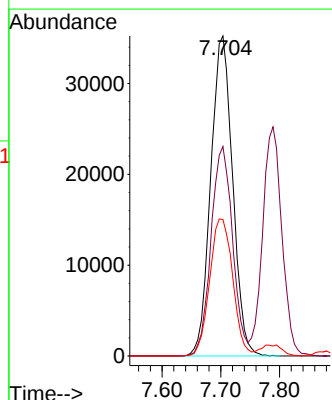
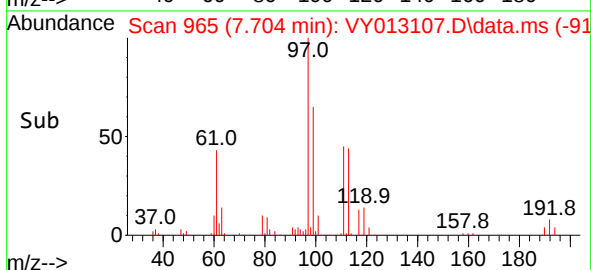
Reviewed By :Krupa Patel 03/29/2023
Supervised By :Mahesh Dadoda 03/29/2023

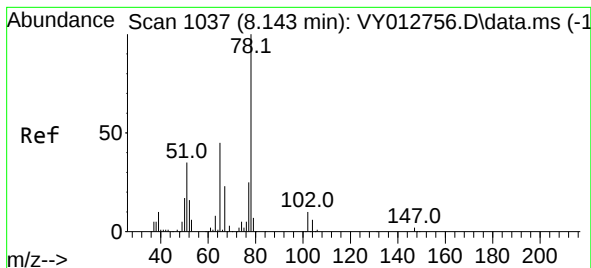


#32
1,1,1-Trichloroethane
Concen: 48.742 ug/l
RT: 7.704 min Scan# 965
Delta R.T. -0.000 min
Lab File: VY013107.D
Acq: 28 Mar 2023 10:52



Tgt Ion: 97 Resp: 91047
Ion Ratio Lower Upper
97 100
99 64.7 51.0 76.6
61 45.1 34.5 51.7





#33
 1,2-Dichloroethane-d4
 Concen: 48.779 ug/l
 RT: 8.142 min Scan# 1037
 Delta R.T. -0.001 min
 Lab File: VY013107.D
 Acq: 28 Mar 2023 10:52

Instrument :

MSVOA_Y

ClientSampleId :

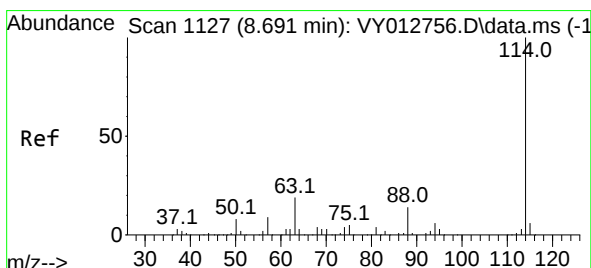
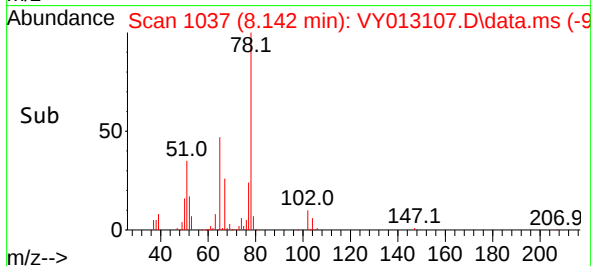
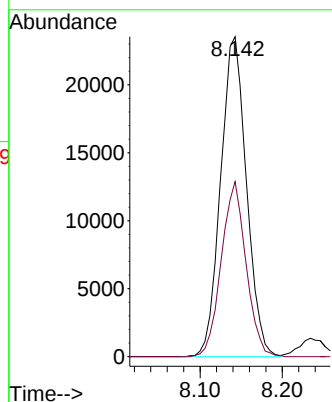
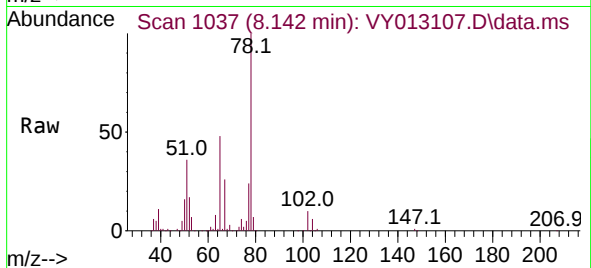
VSTDCCC050

Tgt Ion: 65 Resp: 5144
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 104.0

Manual Integrations

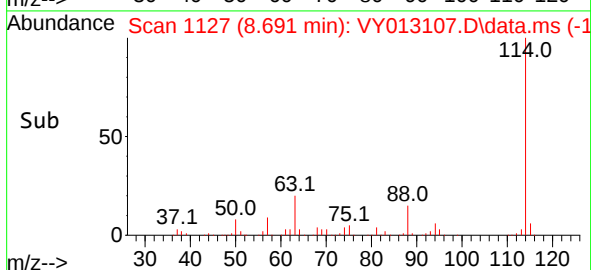
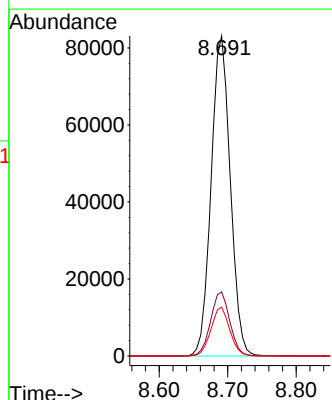
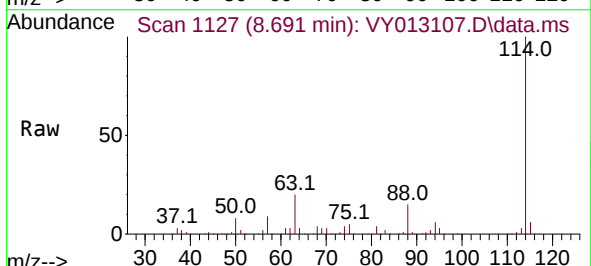
APPROVED

Reviewed By :Krupa Patel 03/29/2023
 Supervised By :Mahesh Dadoda 03/29/2023



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. -0.000 min
 Lab File: VY013107.D
 Acq: 28 Mar 2023 10:52

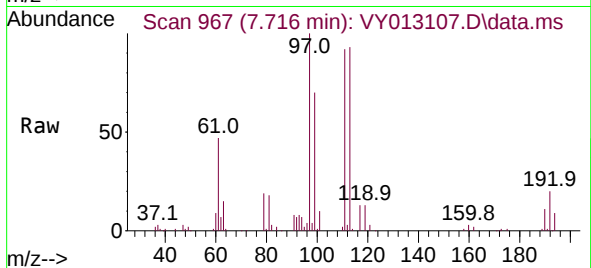
Tgt Ion:114 Resp: 161458
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 37.4
 88 15.3 0.0 28.6





#35
Dibromofluoromethane
Concen: 55.863 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY013107.D
Acq: 28 Mar 2023 10:52

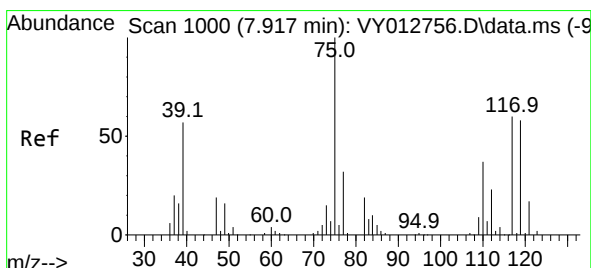
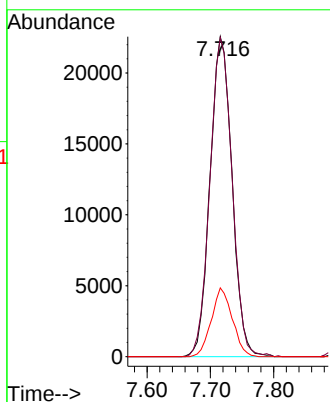
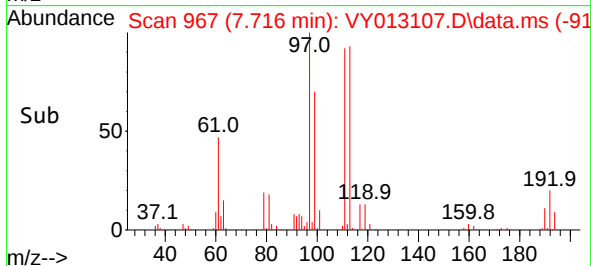
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



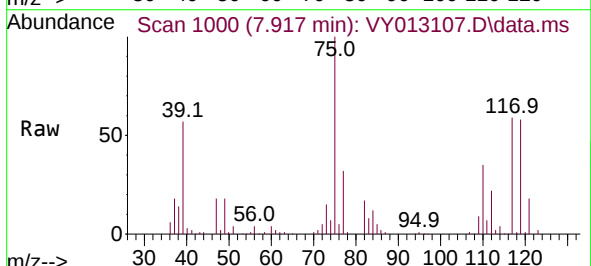
Tgt Ion:113 Resp: 5443
Ion Ratio Lower Upper
113 100
111 100.5 82.2 123.2
192 20.5 16.8 25.2

Manual Integrations
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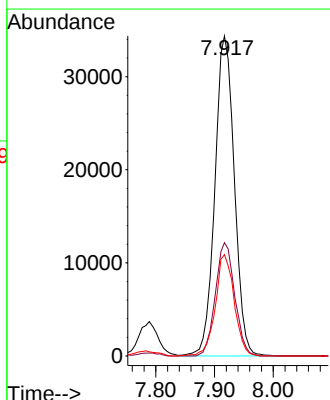
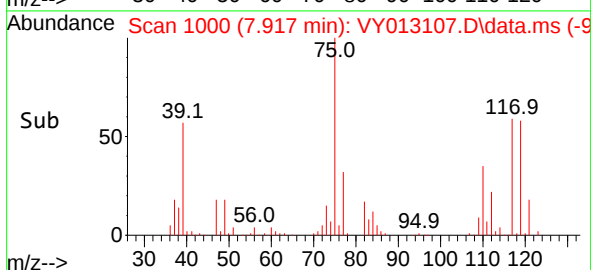
Reviewed By :Krupa Patel 03/29/2023
Supervised By :Mahesh Dadoda 03/29/2023

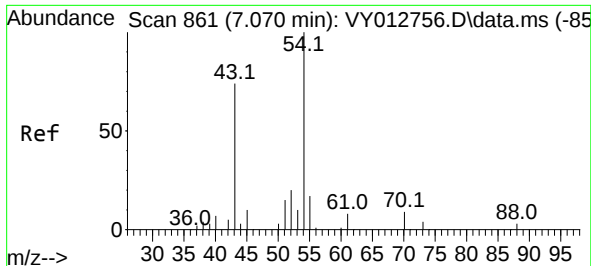


#36
1,1-Dichloropropene
Concen: 48.425 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY013107.D
Acq: 28 Mar 2023 10:52



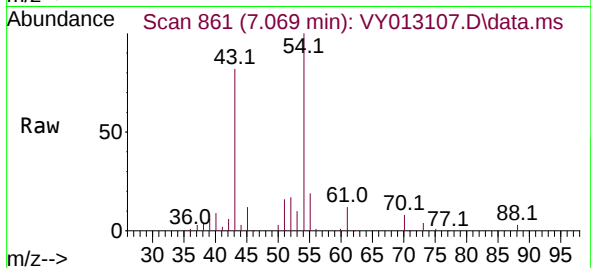
Tgt Ion: 75 Resp: 79072
Ion Ratio Lower Upper
75 100
110 35.2 17.8 53.3
77 30.8 25.0 37.4





#37
Ethyl Acetate
Concen: 47.586 ug/l
RT: 7.069 min Scan# 861
Delta R.T. -0.000 min
Lab File: VY013107.D
Acq: 28 Mar 2023 10:52

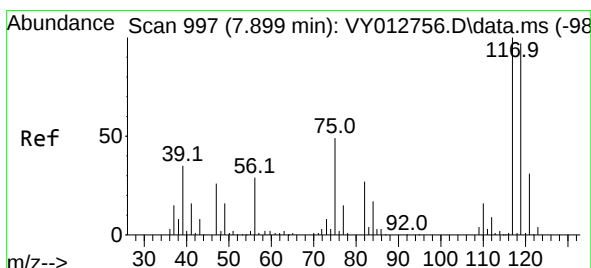
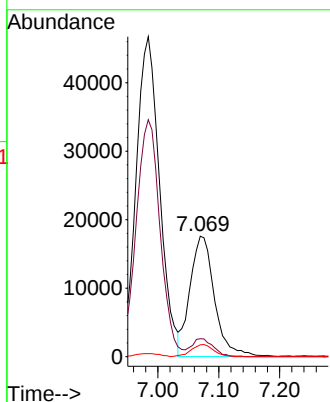
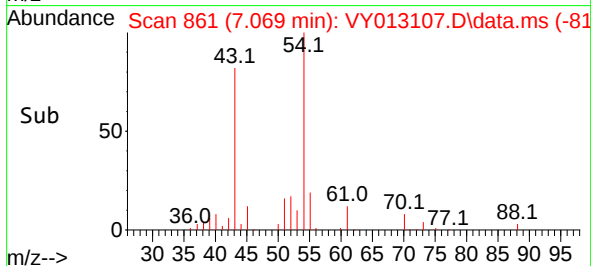
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 48974
Ion Ratio Lower Upper
43 100
61 13.1 10.7 16.1
70 9.2 7.8 11.8

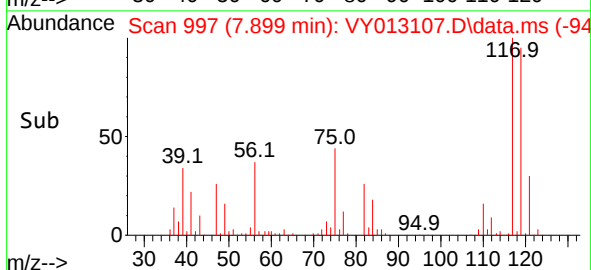
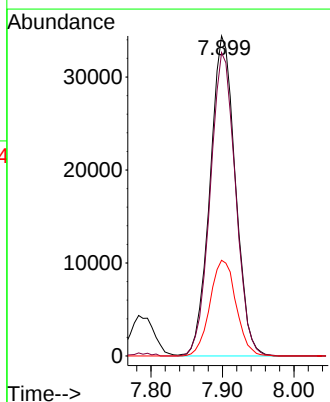
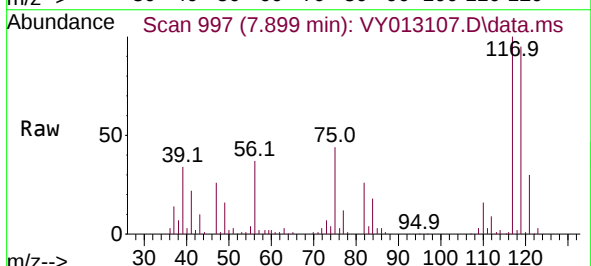
Manual Integrations
APPROVED

Reviewed By :Krupa Patel 03/29/2023
Supervised By :Mahesh Dadoda 03/29/2023



#38
Carbon Tetrachloride
Concen: 50.234 ug/l
RT: 7.899 min Scan# 997
Delta R.T. -0.000 min
Lab File: VY013107.D
Acq: 28 Mar 2023 10:52

Tgt Ion:117 Resp: 84705
Ion Ratio Lower Upper
117 100
119 94.8 77.2 115.8
121 29.9 24.7 37.1





#39

Methylcyclohexane

Concen: 47.345 ug/l

RT: 9.185 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY013107.D

Acq: 28 Mar 2023 10:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

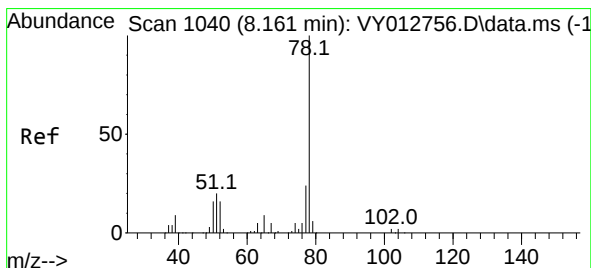
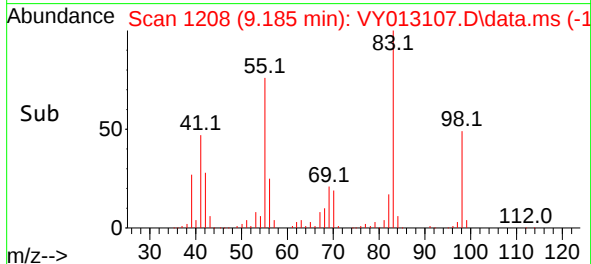
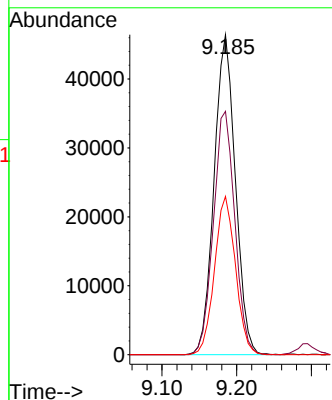
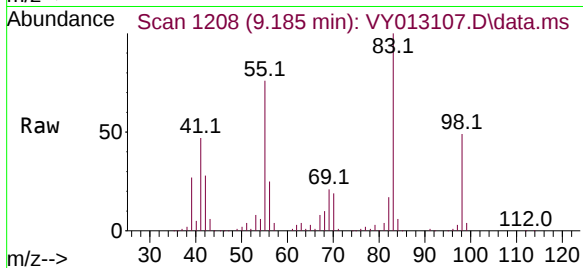
Tgt Ion: 83 Resp: 91910
 Ion Ratio Lower Upper
 83 100
 55 76.1 60.0 90.0
 98 49.4 38.3 57.5

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 03/29/2023

Supervised By :Mahesh Dadoda 03/29/2023



#40

Benzene

Concen: 49.274 ug/l

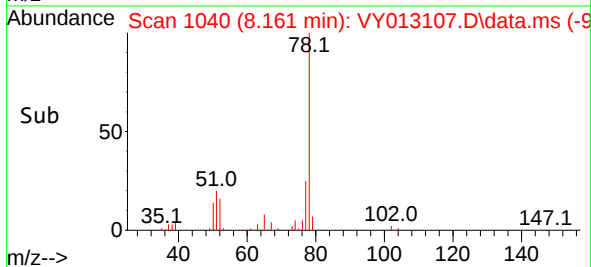
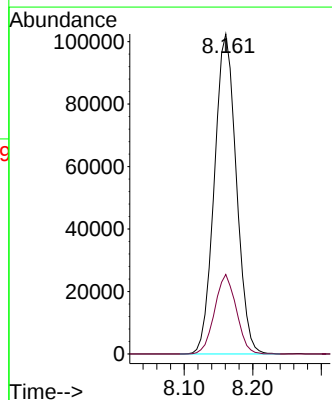
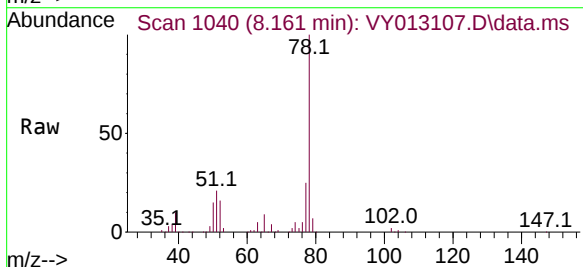
RT: 8.161 min Scan# 1040

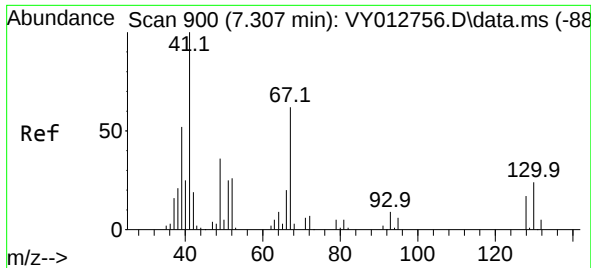
Delta R.T. -0.000 min

Lab File: VY013107.D

Acq: 28 Mar 2023 10:52

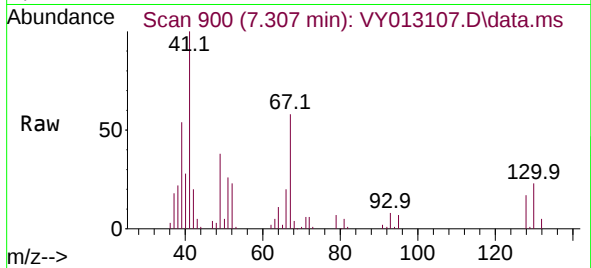
Tgt Ion: 78 Resp: 227595
 Ion Ratio Lower Upper
 78 100
 77 24.8 19.4 29.0





#41
Methacrylonitrile
Concen: 40.690 ug/l m
RT: 7.307 min Scan# 900
Delta R.T. -0.000 min
Lab File: VY013107.D
Acq: 28 Mar 2023 10:52

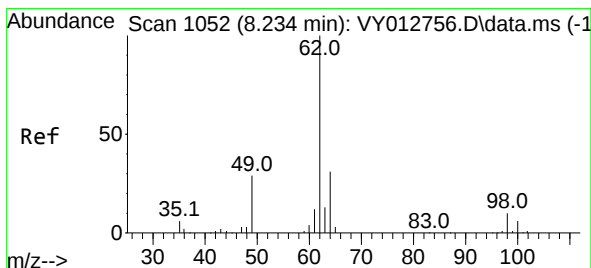
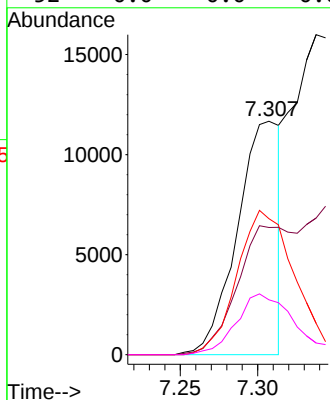
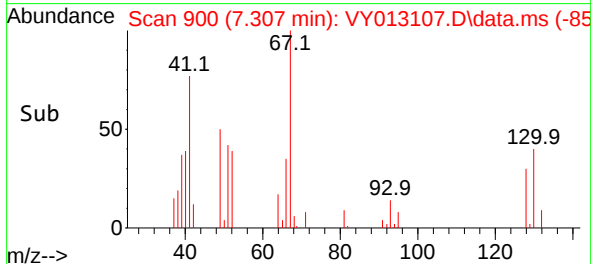
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 41	Resp: 2256
Ion Ratio	Lower Upper
41	100
39	0.0 0.0 0.0
67	0.0 0.0 0.0
52	0.0 0.0 0.0

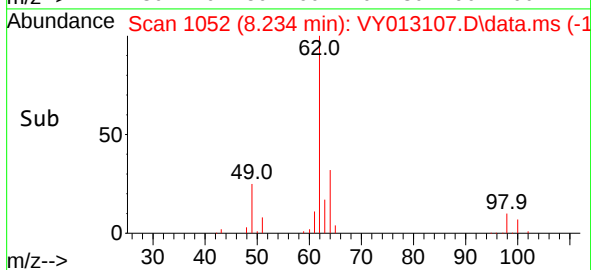
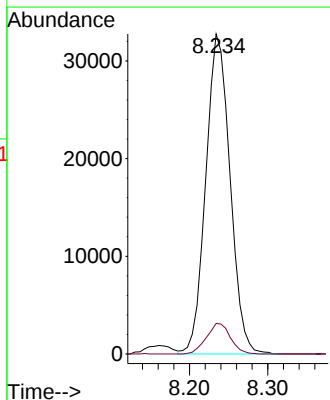
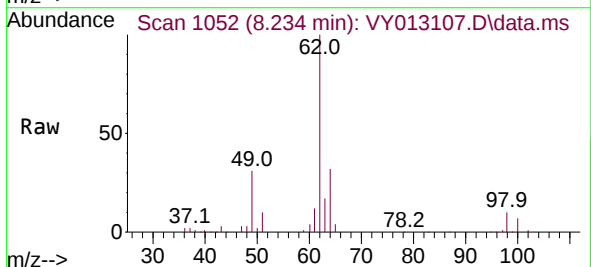
Manual Integrations
APPROVED

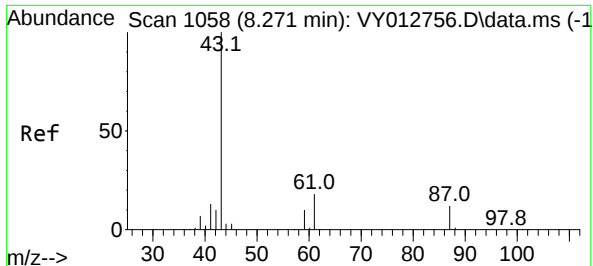
Reviewed By :Krupa Patel 03/29/2023
Supervised By :Mahesh Dadoda 03/29/2023



#42
1,2-Dichloroethane
Concen: 50.811 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VY013107.D
Acq: 28 Mar 2023 10:52

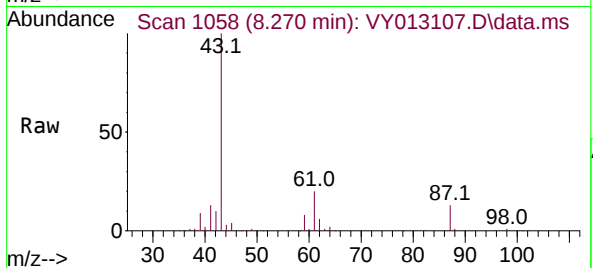
Tgt Ion: 62	Resp: 70560
Ion Ratio	Lower Upper
62	100
98	9.4 0.0 18.8





#43
Isopropyl Acetate
Concen: 47.789 ug/l
RT: 8.270 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VY013107.D
Acq: 28 Mar 2023 10:52

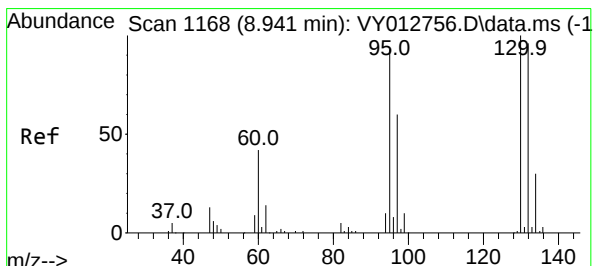
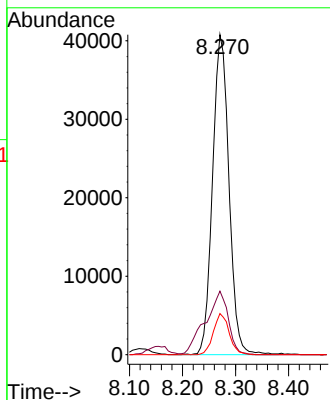
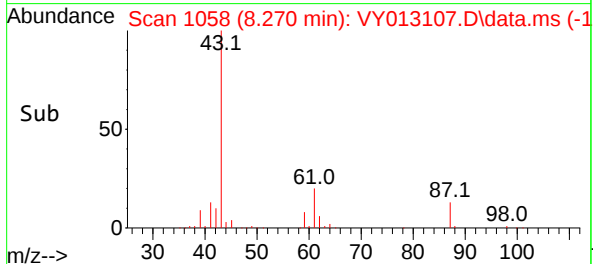
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



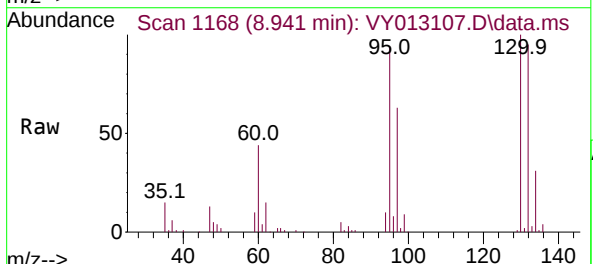
Tgt Ion: 43 Resp: 87750
Ion Ratio Lower Upper
43 100
61 27.8 21.6 32.4
87 12.3 9.9 14.9

Manual Integrations
APPROVED

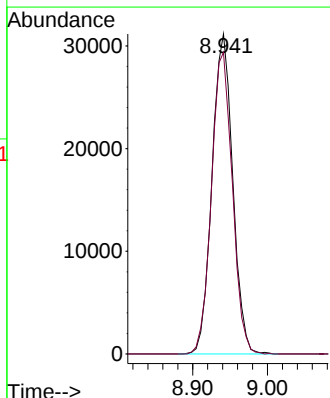
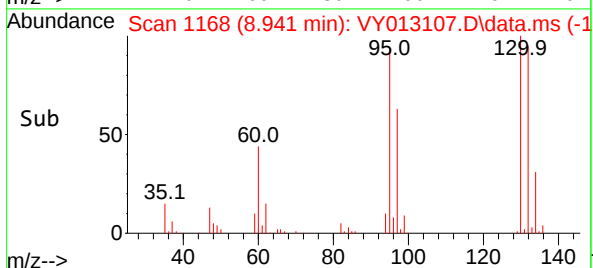
Reviewed By :Krupa Patel 03/29/2023
Supervised By :Mahesh Dadoda 03/29/2023

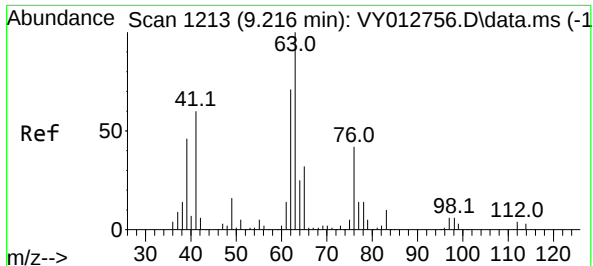


#44
Trichloroethene
Concen: 49.241 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. -0.000 min
Lab File: VY013107.D
Acq: 28 Mar 2023 10:52



Tgt Ion:130 Resp: 59966
Ion Ratio Lower Upper
130 100
95 94.3 0.0 185.0





#45

1,2-Dichloropropane

Concen: 50.543 ug/l

RT: 9.215 min Scan# 1213

Delta R.T. -0.000 min

Lab File: VY013107.D

Acq: 28 Mar 2023 10:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 5900

Ion Ratio Lower Upper

63 100

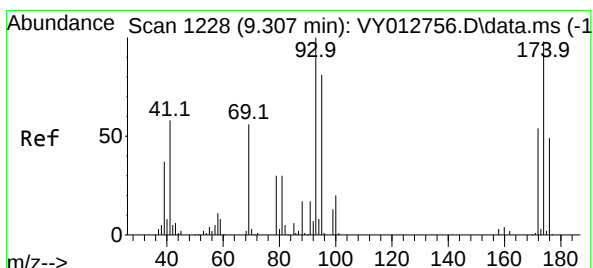
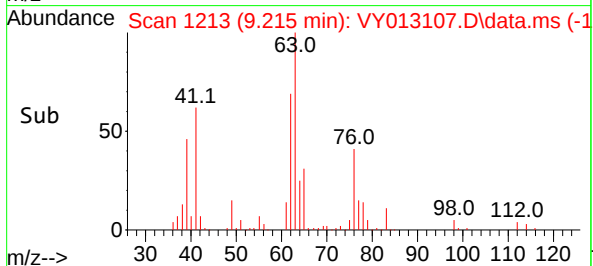
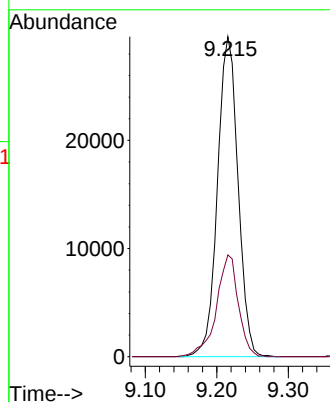
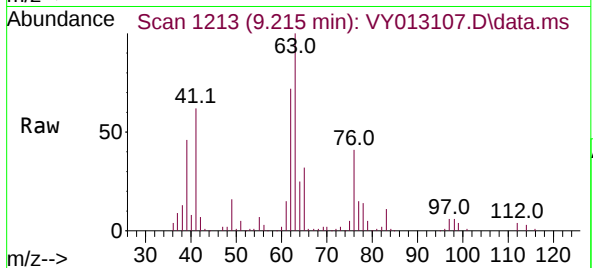
65 31.8 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 03/29/2023

Supervised By :Mahesh Dadoda 03/29/2023



#46

Dibromomethane

Concen: 50.005 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VY013107.D

Acq: 28 Mar 2023 10:52

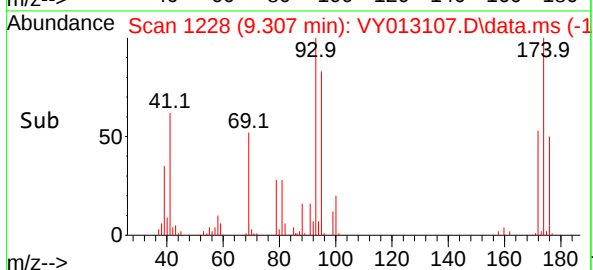
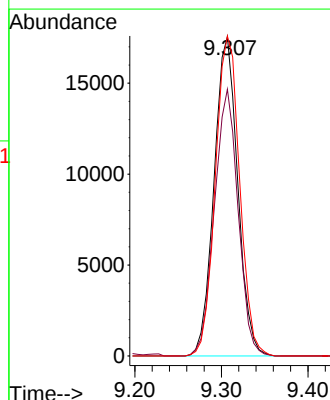
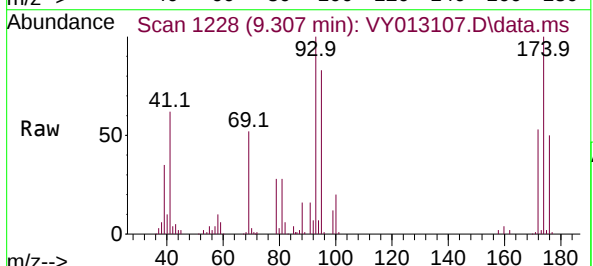
Tgt Ion: 93 Resp: 33255

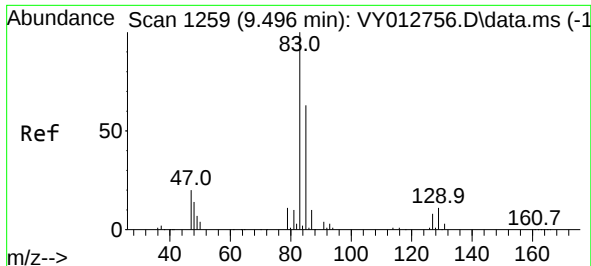
Ion Ratio Lower Upper

93 100

95 83.8 65.6 98.4

174 103.0 81.3 121.9





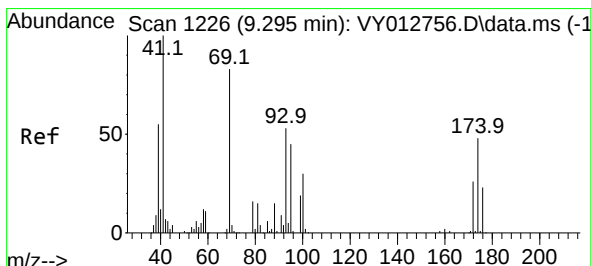
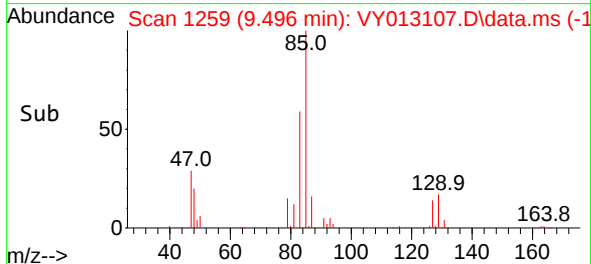
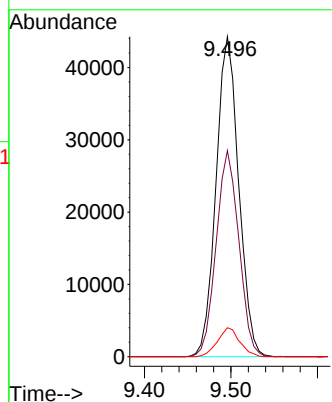
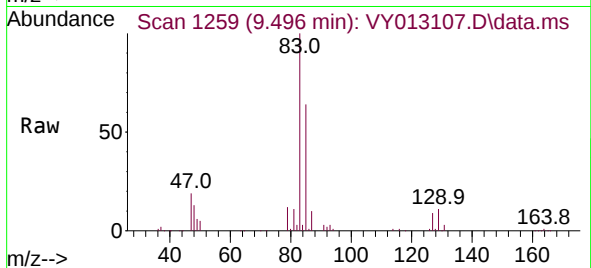
#47
Bromodichloromethane
Concen: 51.400 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY013107.D
Acq: 28 Mar 2023 10:52

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 80552
Ion Ratio Lower Upper
83 100
85 64.4 50.2 75.4
127 9.0 6.3 9.5

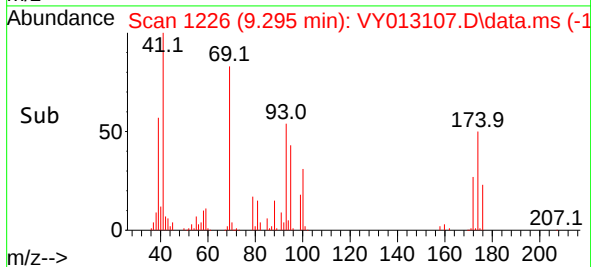
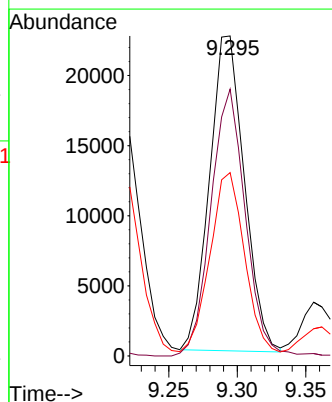
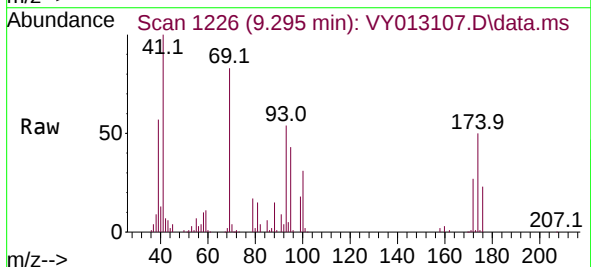
Manual Integrations
APPROVED

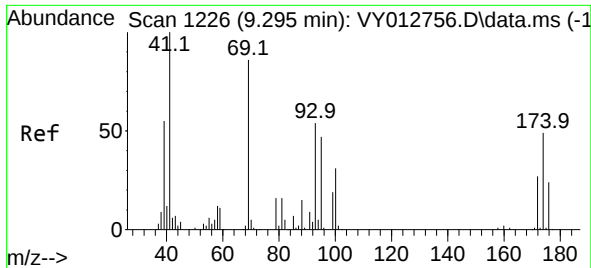
Reviewed By :Krupa Patel 03/29/2023
Supervised By :Mahesh Dadoda 03/29/2023



#48
Methyl methacrylate
Concen: 46.883 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. -0.000 min
Lab File: VY013107.D
Acq: 28 Mar 2023 10:52

Tgt Ion: 41 Resp: 39666
Ion Ratio Lower Upper
41 100
69 84.0 64.1 96.1
39 56.3 44.0 66.0





#49

1,4-Dioxane

Concen: 980.552 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.006 min

Lab File: VY013107.D

Acq: 28 Mar 2023 10:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 8430

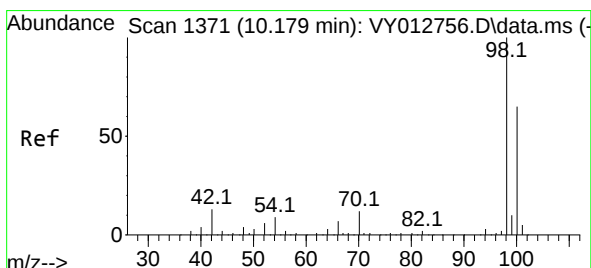
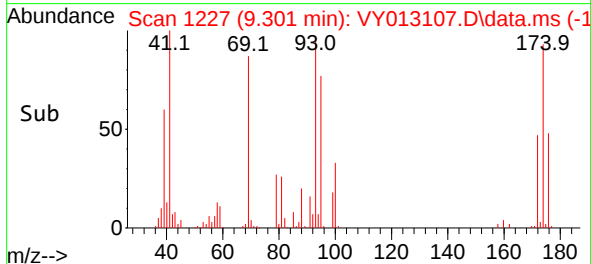
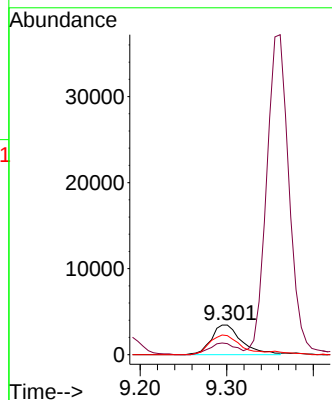
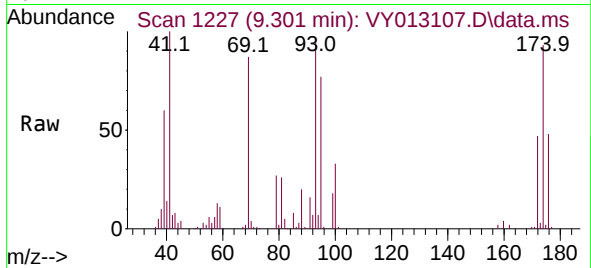
Ion	Ratio	Lower	Upper
88	100		
43	34.5	28.6	42.8
58	66.5	55.2	82.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 03/29/2023

Supervised By :Mahesh Dadoda 03/29/2023



#50

Toluene-d8

Concen: 47.117 ug/l

RT: 10.179 min Scan# 1371

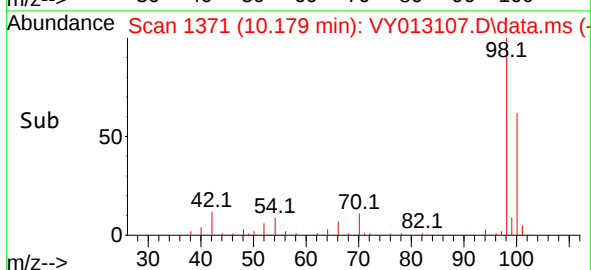
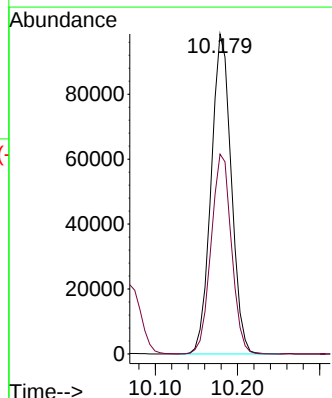
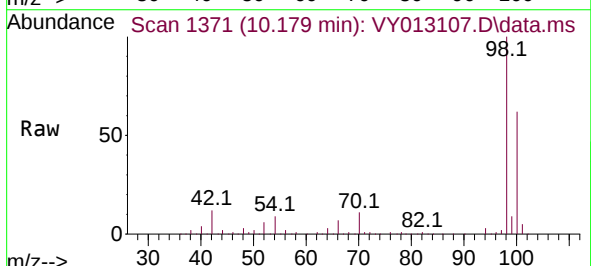
Delta R.T. -0.000 min

Lab File: VY013107.D

Acq: 28 Mar 2023 10:52

Tgt Ion: 98 Resp: 167842

Ion	Ratio	Lower	Upper
98	100		
100	63.2	50.9	76.3





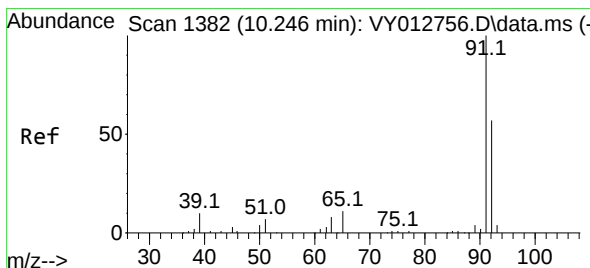
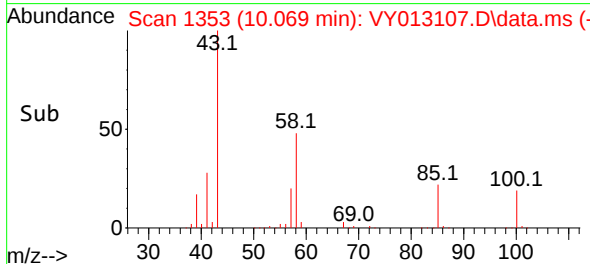
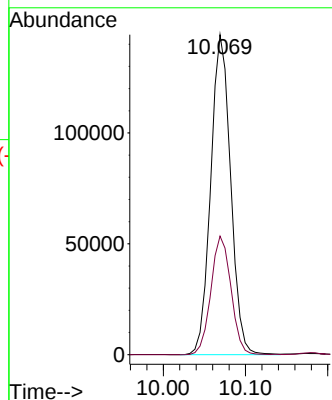
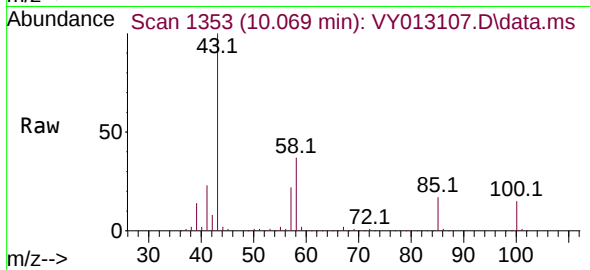
#51
4-Methyl-2-Pentanone
Concen: 243.545 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY013107.D
Acq: 28 Mar 2023 10:52

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 242573
Ion Ratio Lower Upper
43 100
58 37.4 29.8 44.6

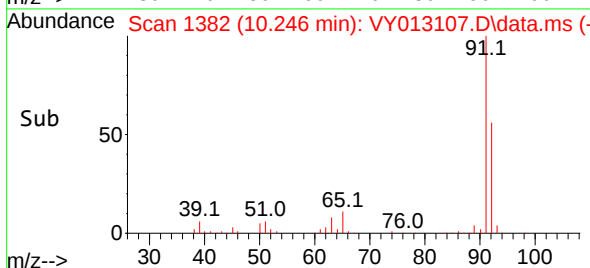
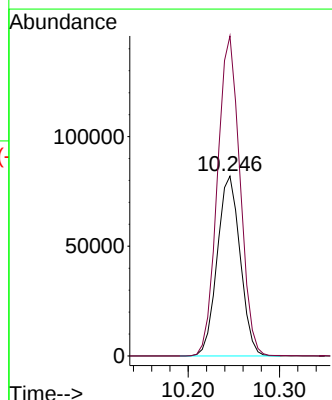
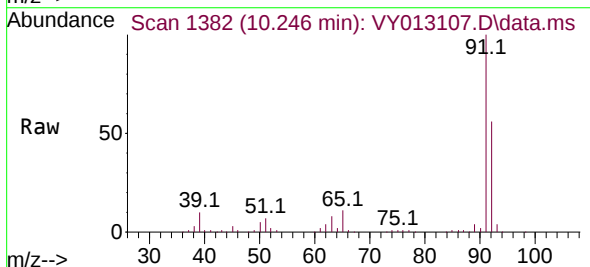
Manual Integrations
APPROVED

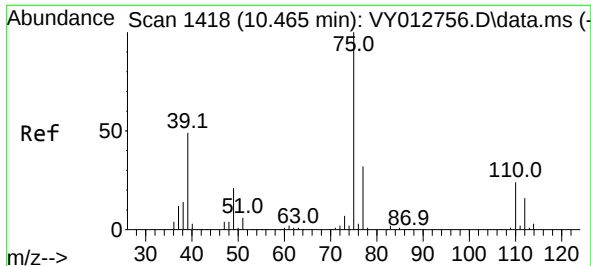
Reviewed By :Krupa Patel 03/29/2023
Supervised By :Mahesh Dadoda 03/29/2023



#52
Toluene
Concen: 51.355 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY013107.D
Acq: 28 Mar 2023 10:52

Tgt Ion: 92 Resp: 143056
Ion Ratio Lower Upper
92 100
91 175.3 141.3 211.9





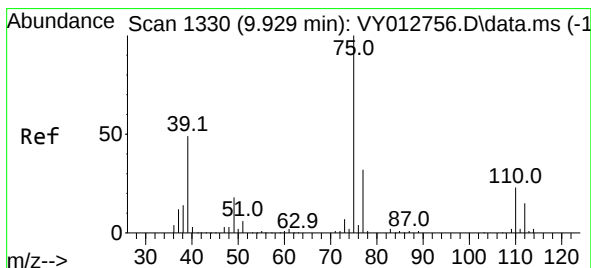
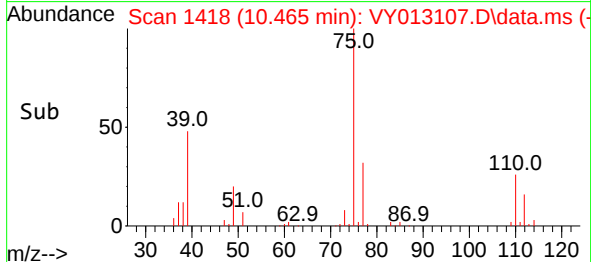
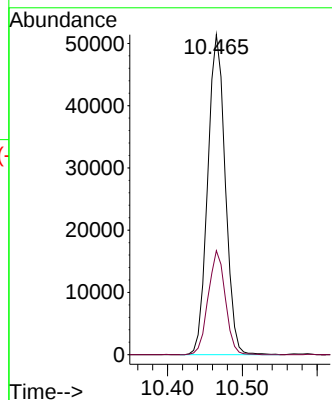
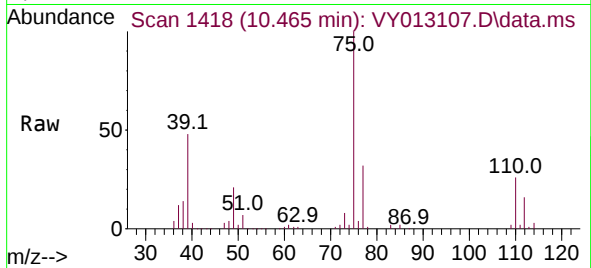
#53
t-1,3-Dichloropropene
Concen: 51.028 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. -0.000 min
Lab File: VY013107.D
Acq: 28 Mar 2023 10:52

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 83880
Ion Ratio Lower Upper
75 100
77 32.5 25.4 38.2

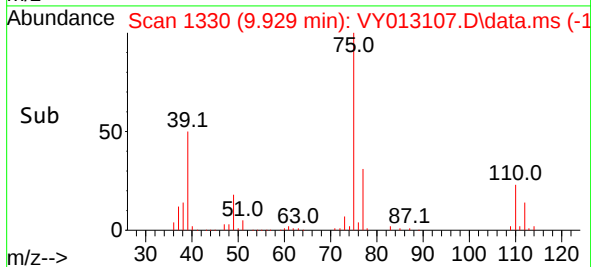
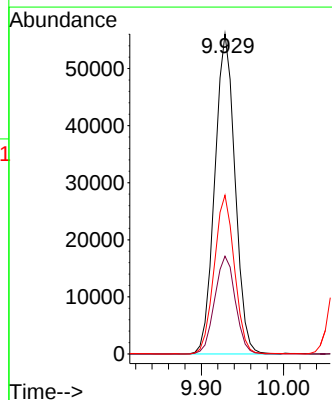
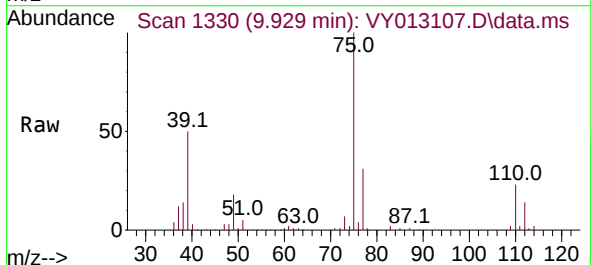
Manual Integrations
APPROVED

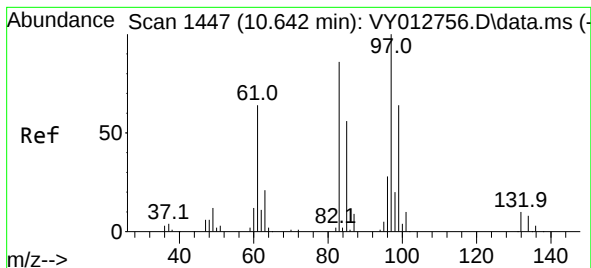
Reviewed By :Krupa Patel 03/29/2023
Supervised By :Mahesh Dadoda 03/29/2023



#54
cis-1,3-Dichloropropene
Concen: 51.442 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.000 min
Lab File: VY013107.D
Acq: 28 Mar 2023 10:52

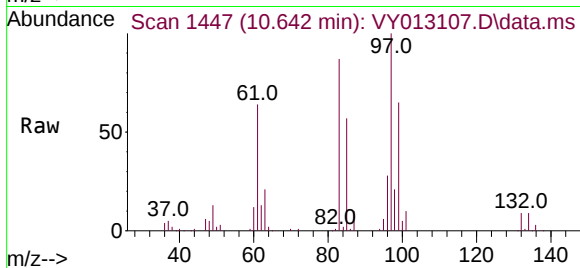
Tgt Ion: 75 Resp: 95711
Ion Ratio Lower Upper
75 100
77 30.6 25.4 38.0
39 49.6 39.0 58.4





#55
1,1,2-Trichloroethane
Concen: 50.095 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VY013107.D
Acq: 28 Mar 2023 10:52

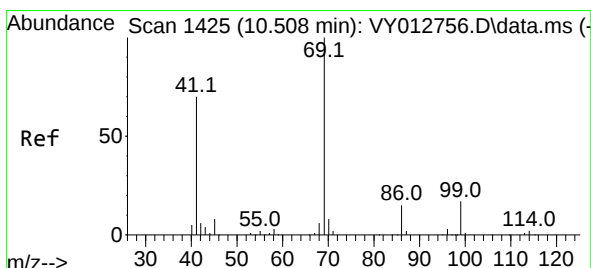
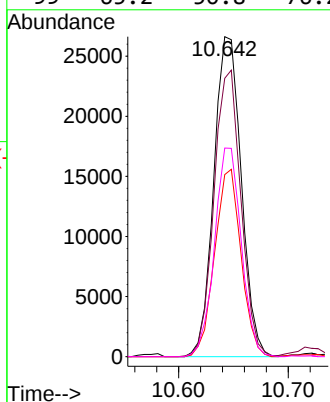
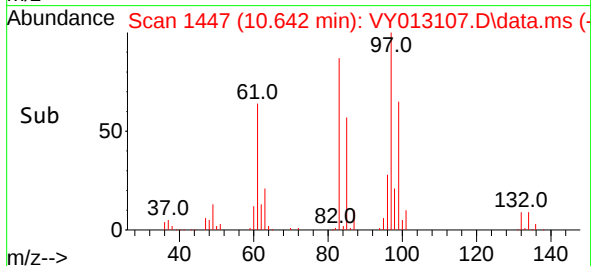
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



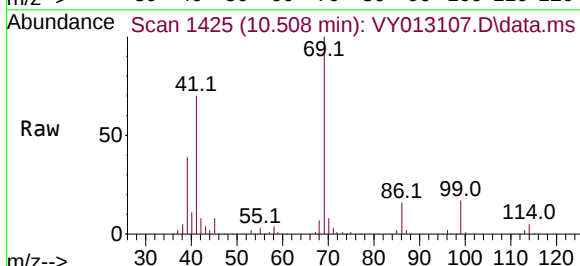
Tgt Ion	Ratio	Lower	Upper
97	100		
83	87.0	69.0	103.6
85	56.9	44.9	67.3
99	65.2	50.8	76.2

Manual Integrations
APPROVED

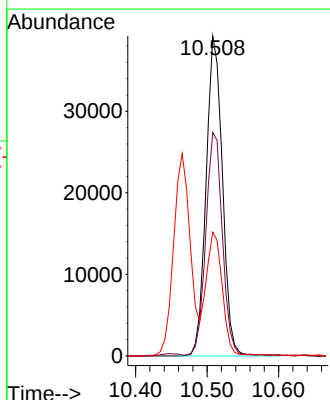
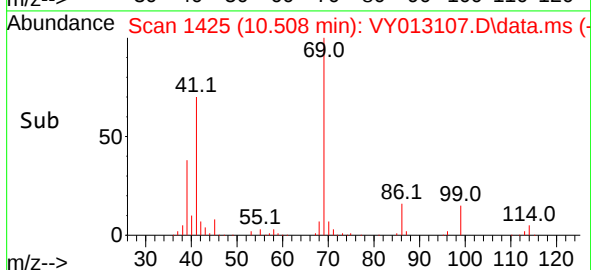
Reviewed By :Krupa Patel 03/29/2023
Supervised By :Mahesh Dadoda 03/29/2023

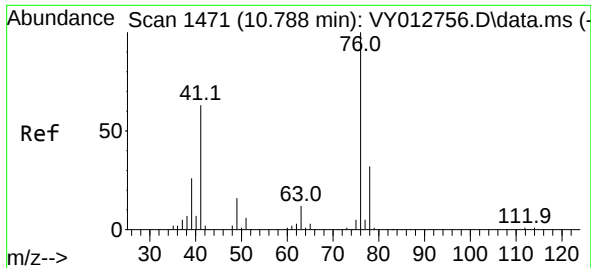


#56
Ethyl methacrylate
Concen: 50.432 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY013107.D
Acq: 28 Mar 2023 10:52



Tgt Ion	Ratio	Lower	Upper
69	100		
41	70.2	56.4	84.6
39	37.2	30.8	46.2





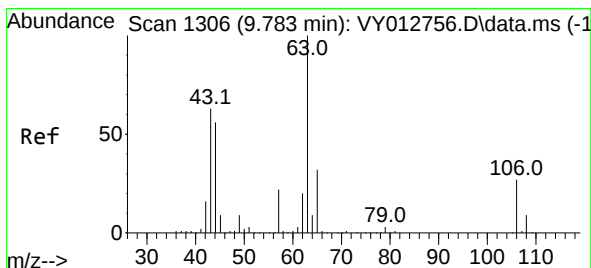
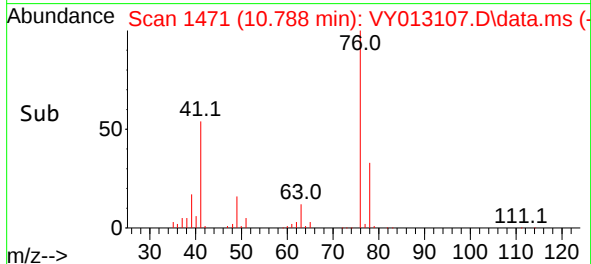
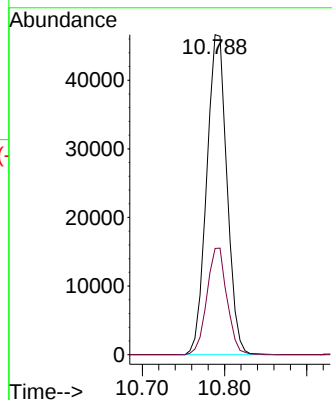
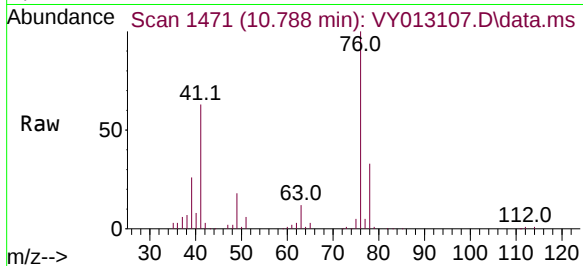
#57
1,3-Dichloropropane
Concen: 50.675 ug/l
RT: 10.788 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VY013107.D
Acq: 28 Mar 2023 10:52

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 79939
Ion Ratio Lower Upper
76 100
78 33.0 26.2 39.4

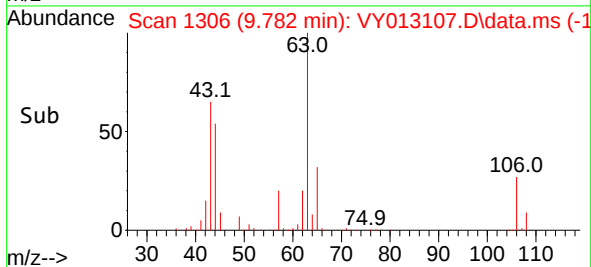
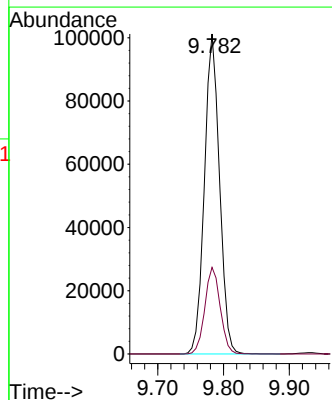
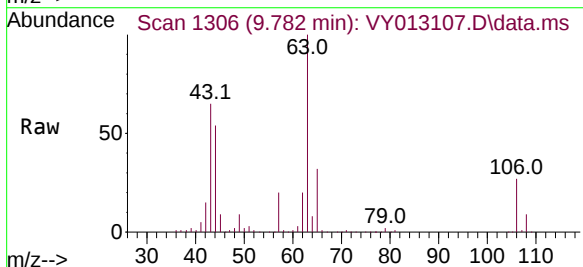
Manual Integrations
APPROVED

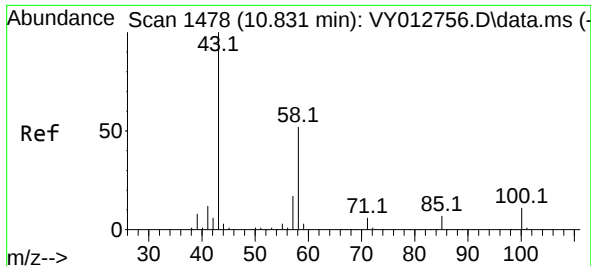
Reviewed By :Krupa Patel 03/29/2023
Supervised By :Mahesh Dadoda 03/29/2023



#58
2-Chloroethyl Vinyl ether
Concen: 248.852 ug/l
RT: 9.782 min Scan# 1306
Delta R.T. -0.000 min
Lab File: VY013107.D
Acq: 28 Mar 2023 10:52

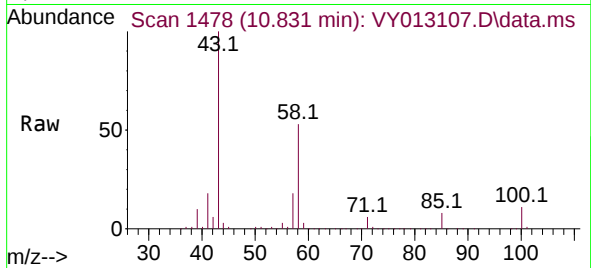
Tgt Ion: 63 Resp: 161327
Ion Ratio Lower Upper
63 100
106 27.5 22.1 33.1





#59
2-Hexanone
Concen: 248.763 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY013107.D
Acq: 28 Mar 2023 10:52

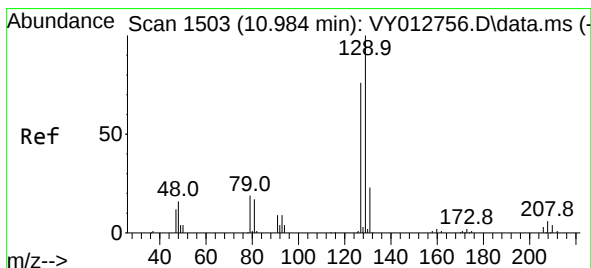
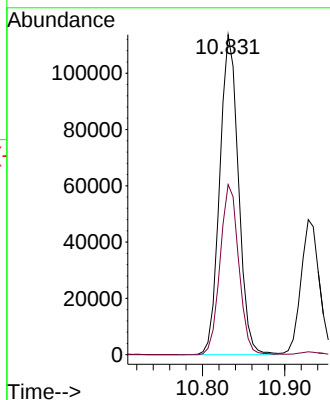
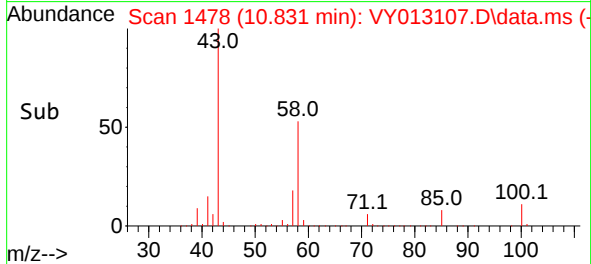
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 180075
Ion Ratio Lower Upper
43 100
58 53.0 25.9 77.8

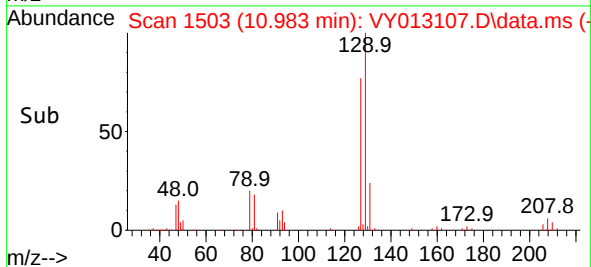
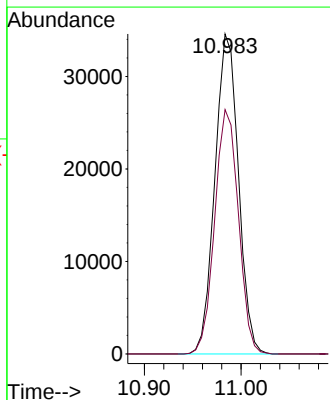
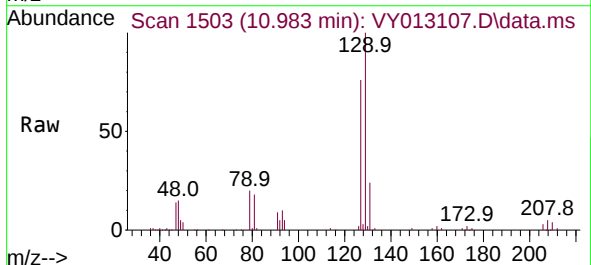
Manual Integrations
APPROVED

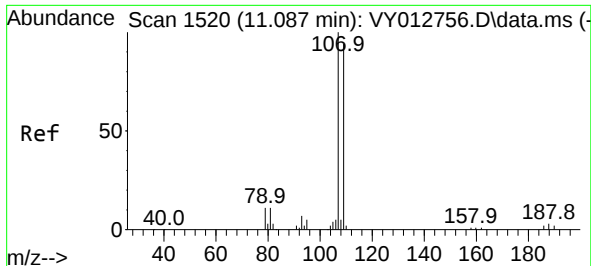
Reviewed By :Krupa Patel 03/29/2023
Supervised By :Mahesh Dadoda 03/29/2023



#60
Dibromochloromethane
Concen: 51.795 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.000 min
Lab File: VY013107.D
Acq: 28 Mar 2023 10:52

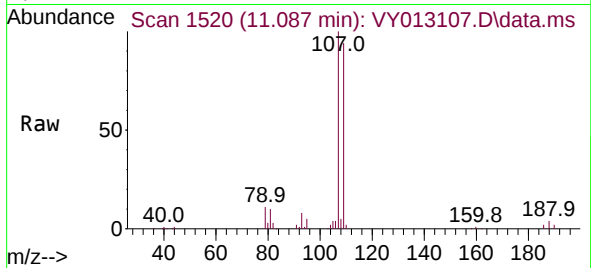
Tgt Ion:129 Resp: 58393
Ion Ratio Lower Upper
129 100
127 76.9 38.7 116.1





#61
1,2-Dibromoethane
Concen: 50.365 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VY013107.D
Acq: 28 Mar 2023 10:52

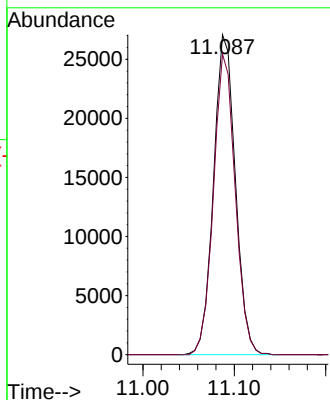
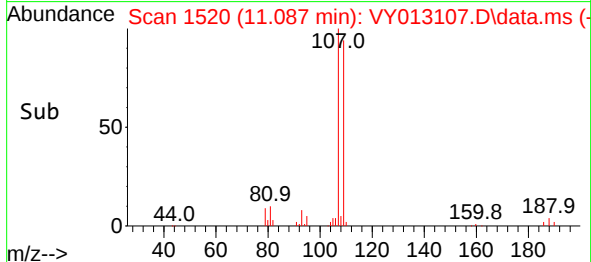
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



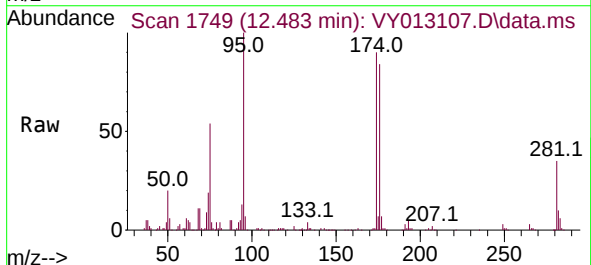
Tgt Ion:107 Resp: 44934
Ion Ratio Lower Upper
107 100
109 93.6 75.0 112.6

Manual Integrations
APPROVED

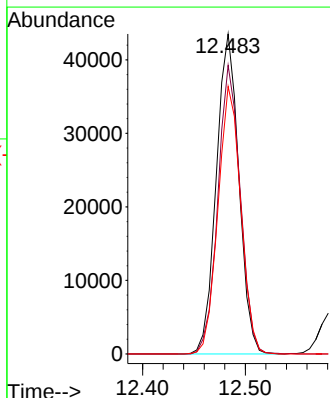
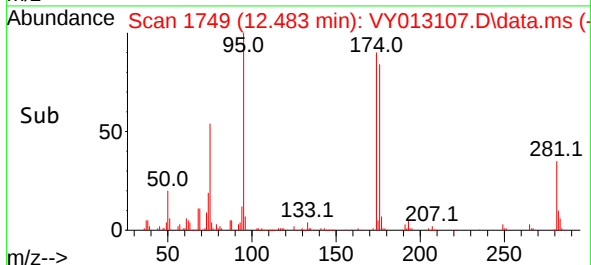
Reviewed By :Krupa Patel 03/29/2023
Supervised By :Mahesh Dadoda 03/29/2023

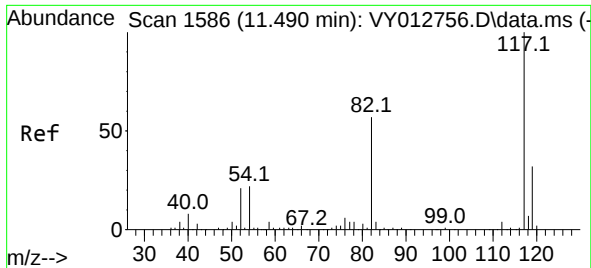


#62
4-Bromofluorobenzene
Concen: 55.036 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY013107.D
Acq: 28 Mar 2023 10:52



Tgt Ion: 95 Resp: 66171
Ion Ratio Lower Upper
95 100
174 89.6 0.0 176.6
176 84.4 0.0 170.2





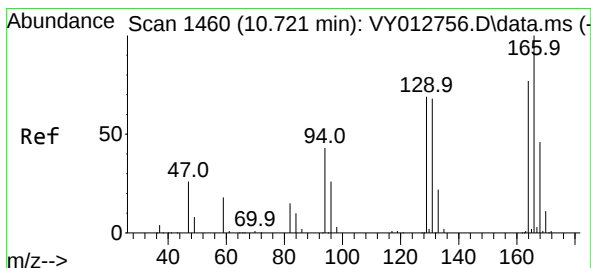
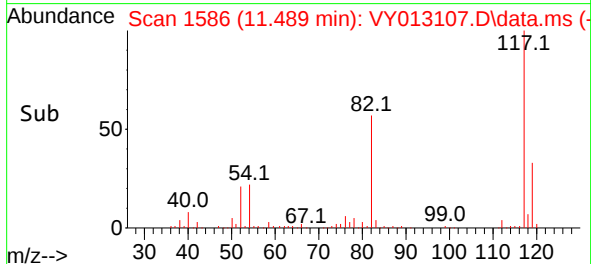
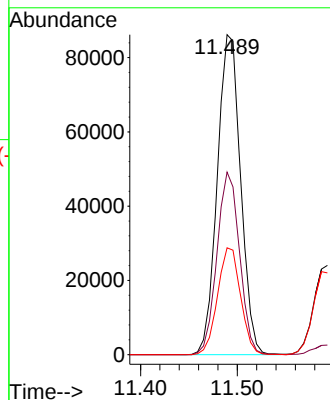
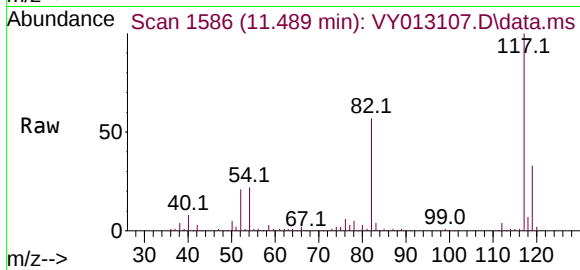
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY013107.D
Acq: 28 Mar 2023 10:52

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:117 Resp: 144348
Ion Ratio Lower Upper
117 100
82 57.0 45.4 68.0
119 33.4 25.6 38.4

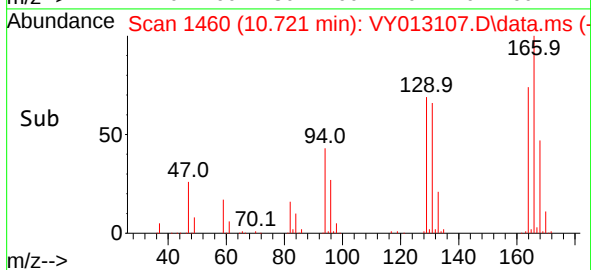
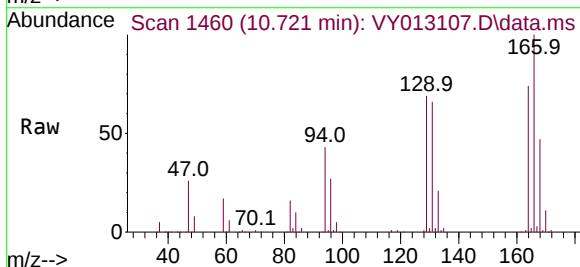
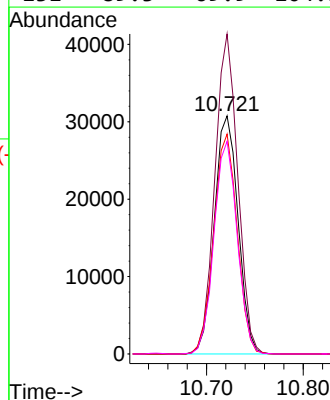
Manual Integrations
APPROVED

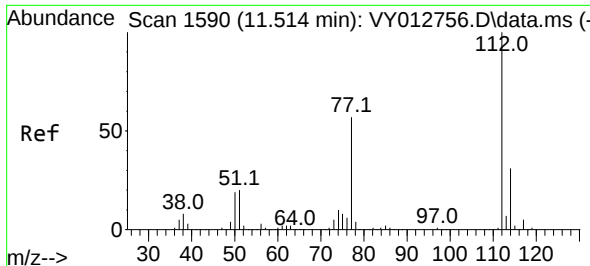
Reviewed By :Krupa Patel 03/29/2023
Supervised By :Mahesh Dadoda 03/29/2023



#64
Tetrachloroethene
Concen: 49.977 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VY013107.D
Acq: 28 Mar 2023 10:52

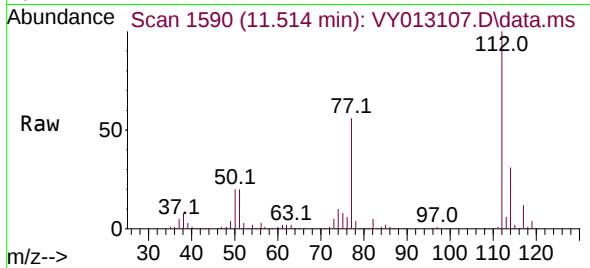
Tgt Ion:164 Resp: 52524
Ion Ratio Lower Upper
164 100
166 134.4 103.4 155.2
129 92.3 71.4 107.2
131 89.3 69.9 104.9





#65
Chlorobenzene
Concen: 50.668 ug/l
RT: 11.514 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VY013107.D
Acq: 28 Mar 2023 10:52

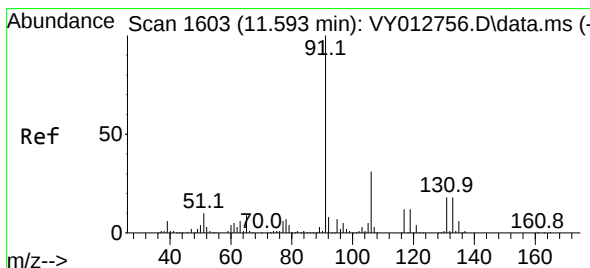
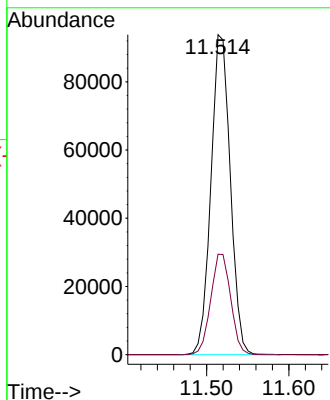
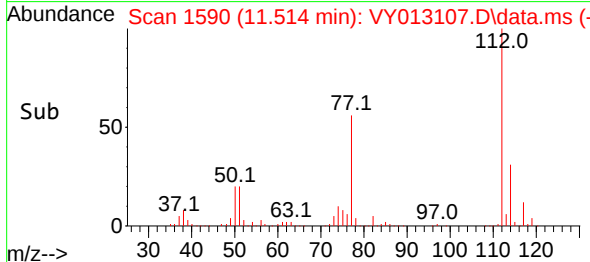
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



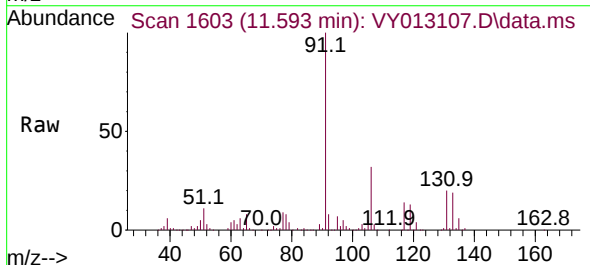
Tgt Ion:112 Resp: 153500
Ion Ratio Lower Upper
112 100
114 31.4 24.5 36.7

Manual Integrations
APPROVED

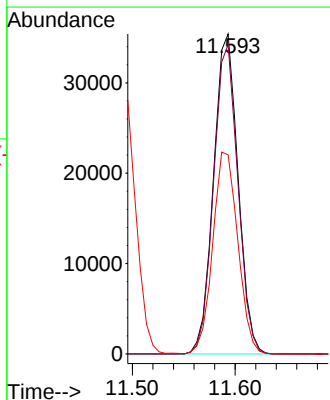
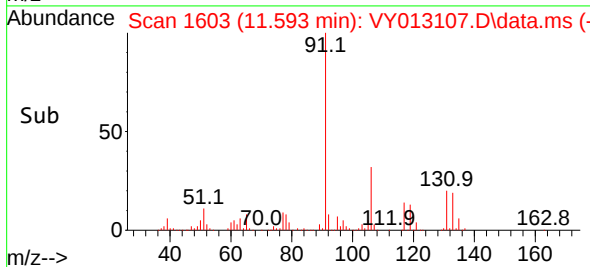
Reviewed By :Krupa Patel 03/29/2023
Supervised By :Mahesh Dadoda 03/29/2023

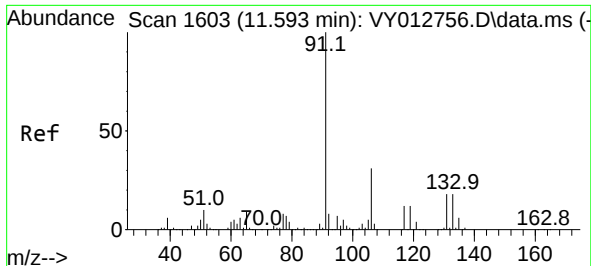


#66
1,1,1,2-Tetrachloroethane
Concen: 52.254 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY013107.D
Acq: 28 Mar 2023 10:52



Tgt Ion:131 Resp: 58577
Ion Ratio Lower Upper
131 100
133 95.5 48.0 144.0
119 64.7 32.6 98.0





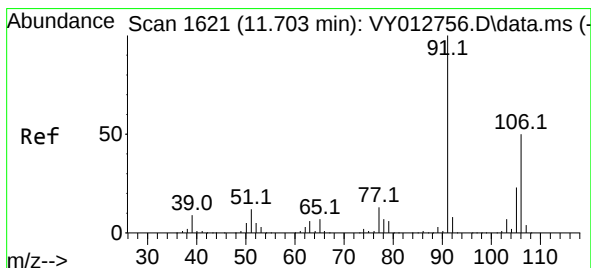
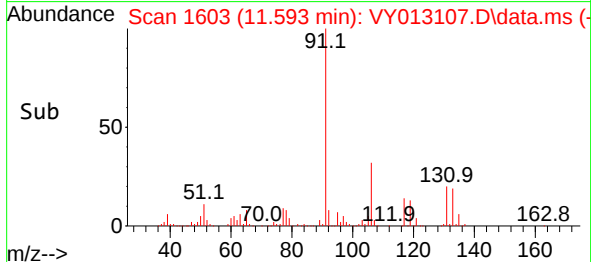
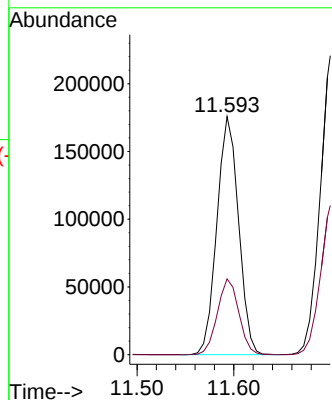
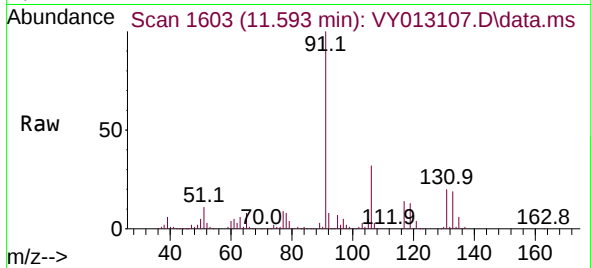
#67
Ethyl Benzene
Concen: 51.216 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY013107.D
Acq: 28 Mar 2023 10:52

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 272790
Ion Ratio Lower Upper
91 100
106 31.8 25.1 37.7

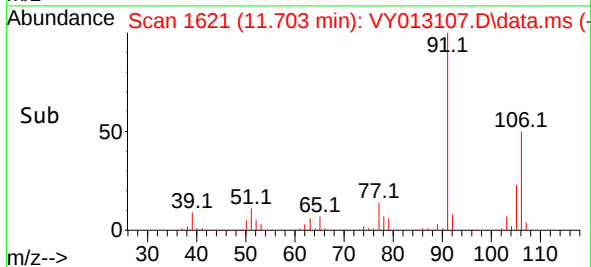
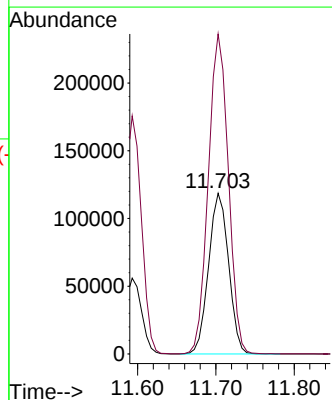
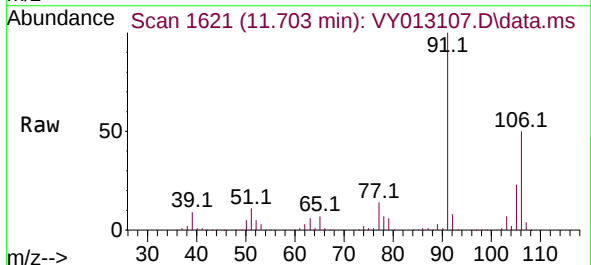
Manual Integrations
APPROVED

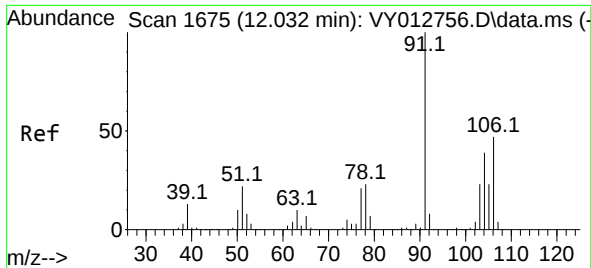
Reviewed By :Krupa Patel 03/29/2023
Supervised By :Mahesh Dadoda 03/29/2023



#68
m/p-Xylenes
Concen: 102.619 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY013107.D
Acq: 28 Mar 2023 10:52

Tgt Ion:106 Resp: 210269
Ion Ratio Lower Upper
106 100
91 199.6 159.8 239.8





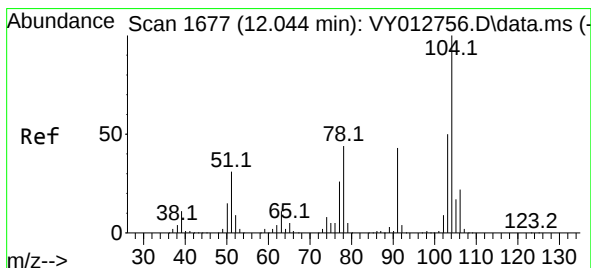
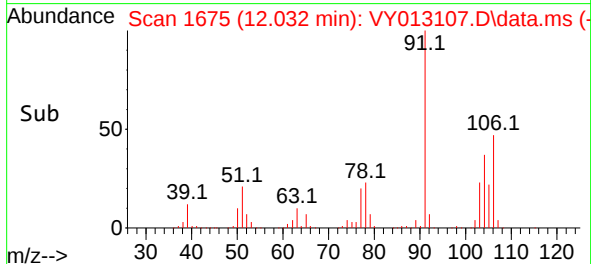
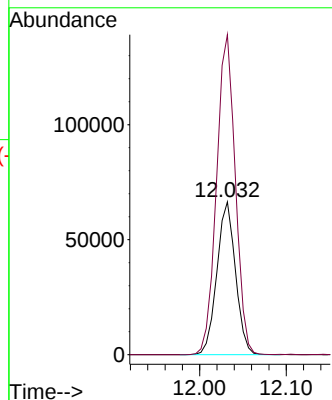
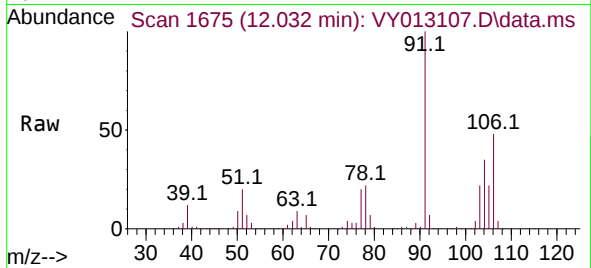
#69
o-Xylene
Concen: 51.813 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VY013107.D
Acq: 28 Mar 2023 10:52

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 9908
Ion Ratio Lower Upper
106 100
91 211.5 107.2 321.6

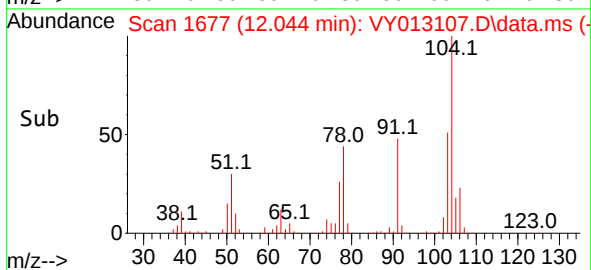
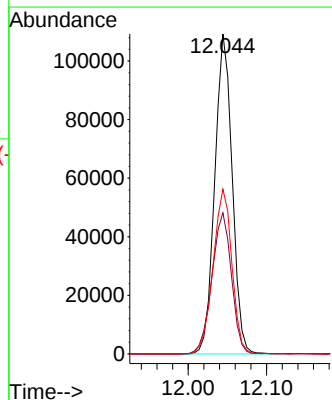
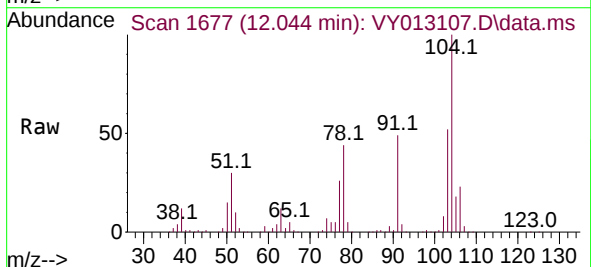
Manual Integrations
APPROVED

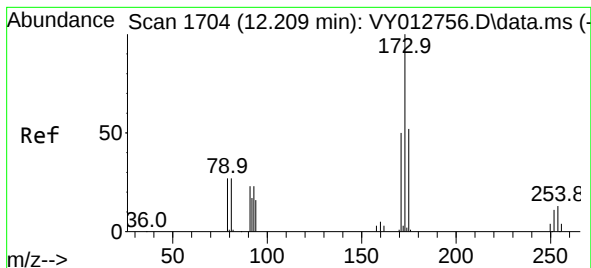
Reviewed By :Krupa Patel 03/29/2023
Supervised By :Mahesh Dadoda 03/29/2023



#70
Styrene
Concen: 52.968 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. -0.000 min
Lab File: VY013107.D
Acq: 28 Mar 2023 10:52

Tgt Ion:104 Resp: 169035
Ion Ratio Lower Upper
104 100
78 49.2 39.2 58.8
103 55.7 43.7 65.5





#71

Bromoform

Concen: 51.578 ug/l

RT: 12.209 min Scan# 1704

Delta R.T. -0.000 min

Lab File: VY013107.D

Acq: 28 Mar 2023 10:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

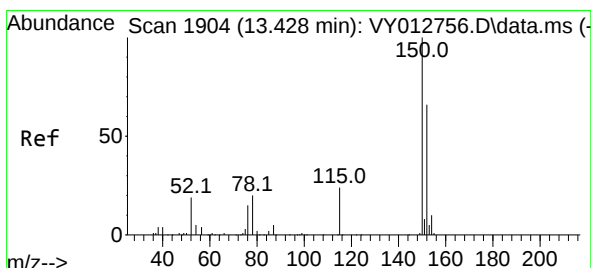
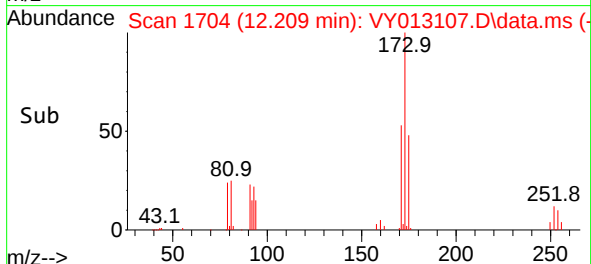
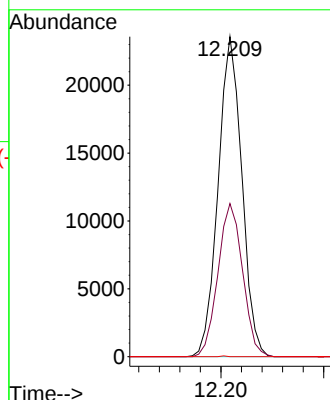
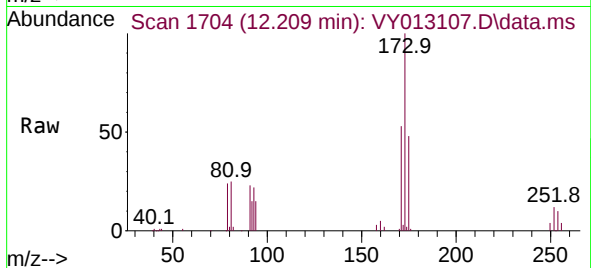
Tgt Ion:	173	Resp:	37699
Ion Ratio	Lower	Upper	
173	100		
175	49.7	25.0	75.0
254	0.1	0.2	0.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 03/29/2023

Supervised By :Mahesh Dadoda 03/29/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

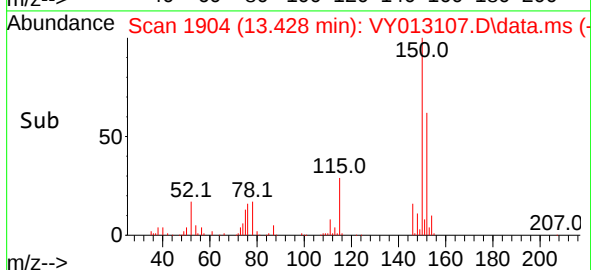
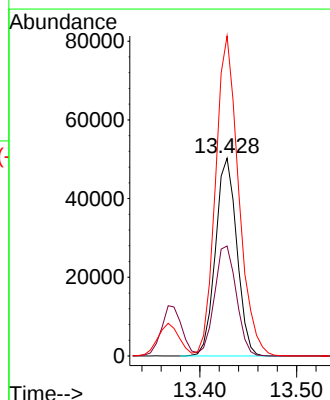
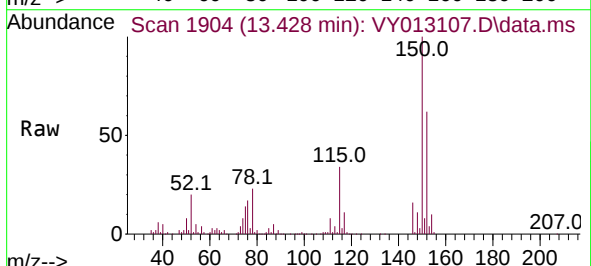
RT: 13.428 min Scan# 1904

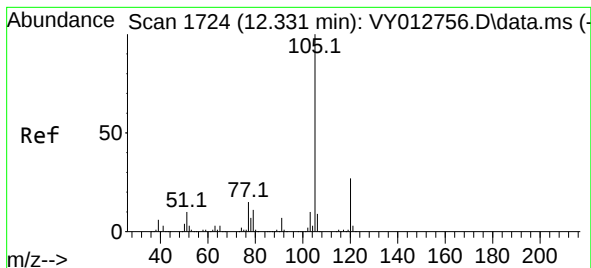
Delta R.T. -0.000 min

Lab File: VY013107.D

Acq: 28 Mar 2023 10:52

Tgt Ion:	152	Resp:	76851
Ion Ratio	Lower	Upper	
152	100		
115	56.9	27.1	81.3
150	175.3	0.0	347.8





#73

Isopropylbenzene

Concen: 48.233 ug/l

RT: 12.331 min Scan# 1724

Delta R.T. -0.000 min

Lab File: VY013107.D

Acq: 28 Mar 2023 10:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 262699

Ion Ratio Lower Upper

105 100

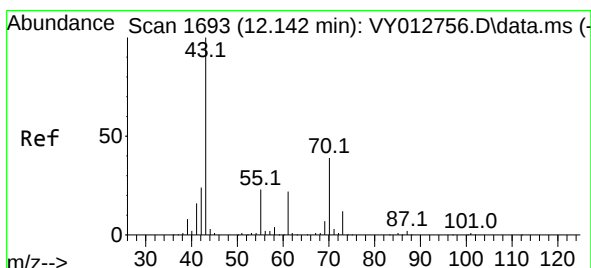
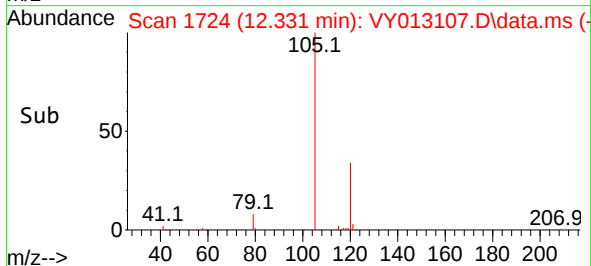
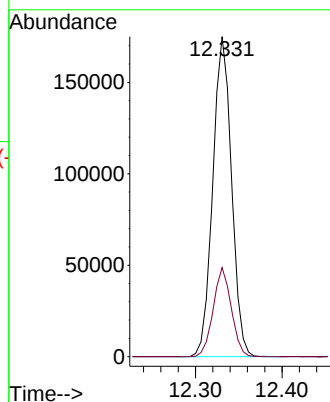
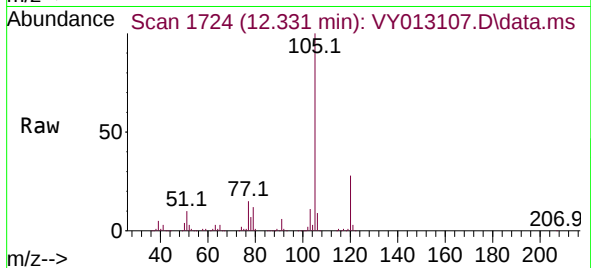
120 26.8 13.4 40.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 03/29/2023

Supervised By :Mahesh Dadoda 03/29/2023



#74

N-ethyl acetate

Concen: 43.835 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY013107.D

Acq: 28 Mar 2023 10:52

Tgt Ion: 43 Resp: 75119

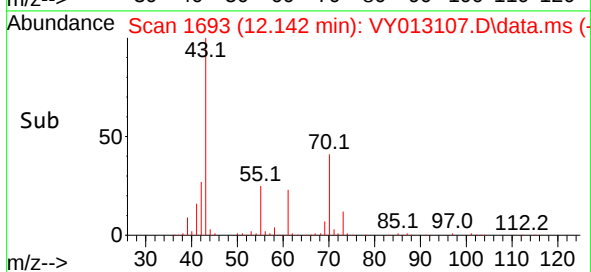
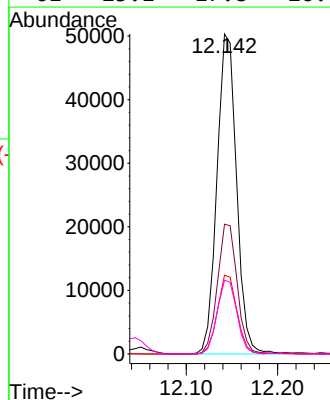
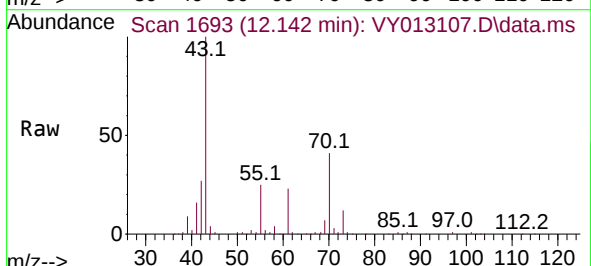
Ion Ratio Lower Upper

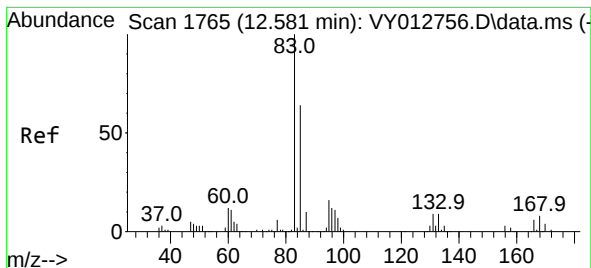
43 100

70 41.0 31.6 47.4

55 24.8 18.8 28.2

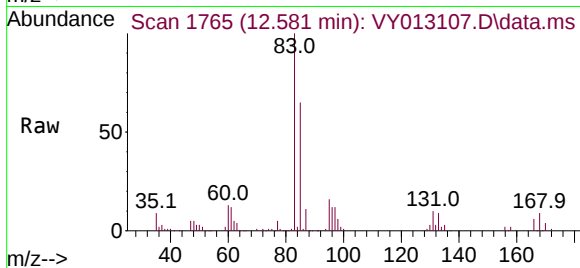
61 23.1 17.8 26.8





#75
1,1,2,2-Tetrachloroethane
Concen: 46.389 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY013107.D
Acq: 28 Mar 2023 10:52

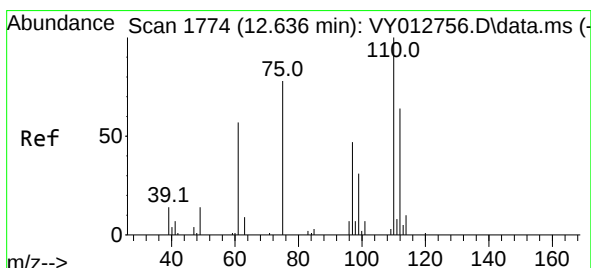
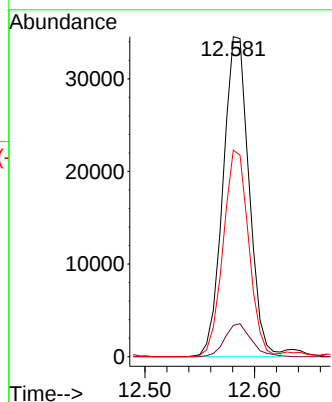
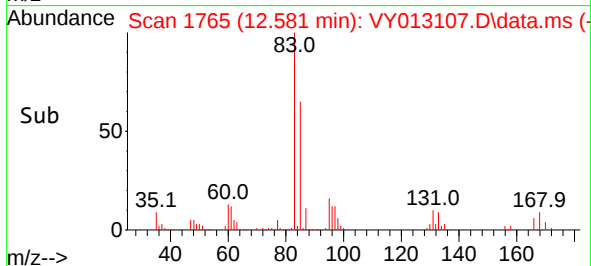
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



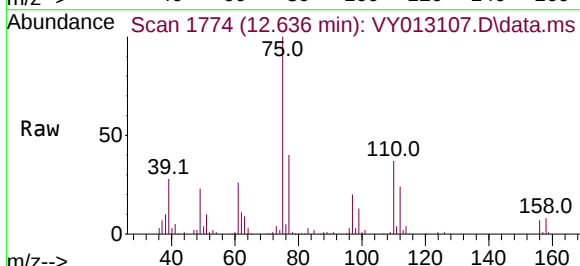
Tgt Ion: 83 Resp: 56790
Ion Ratio Lower Upper
83 100
131 10.5 5.1 15.2
85 63.7 31.8 95.3

Manual Integrations
APPROVED

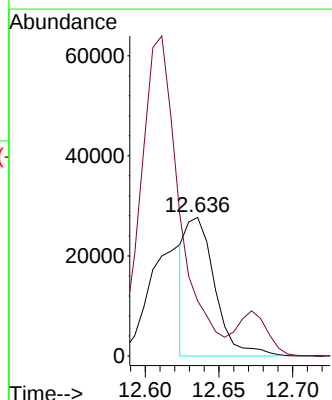
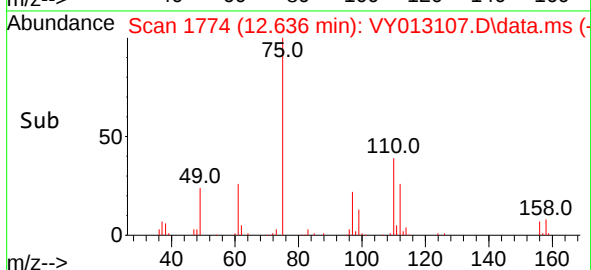
Reviewed By :Krupa Patel 03/29/2023
Supervised By :Mahesh Dadoda 03/29/2023

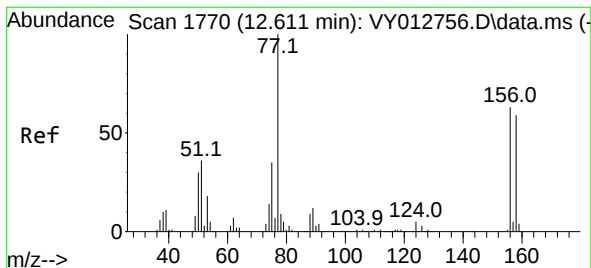


#76
1,2,3-Trichloropropane
Concen: 41.454 ug/l m
RT: 12.636 min Scan# 1774
Delta R.T. -0.000 min
Lab File: VY013107.D
Acq: 28 Mar 2023 10:52



Tgt Ion: 75 Resp: 38043
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 47.833 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. -0.000 min

Lab File: VY013107.D

Acq: 28 Mar 2023 10:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

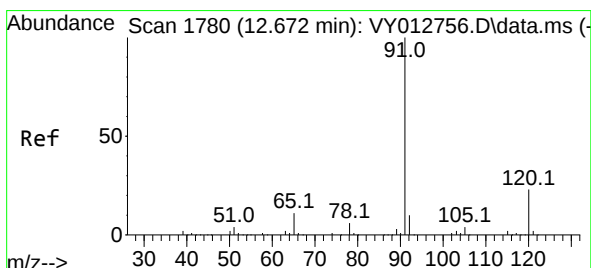
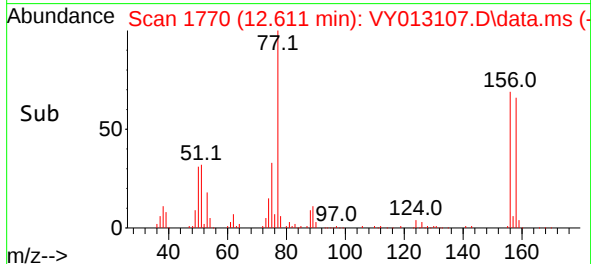
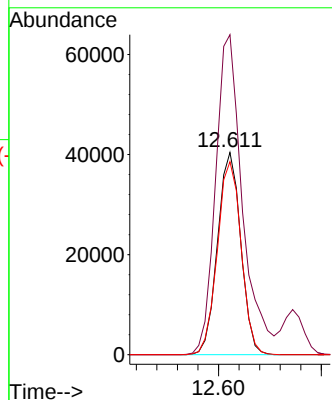
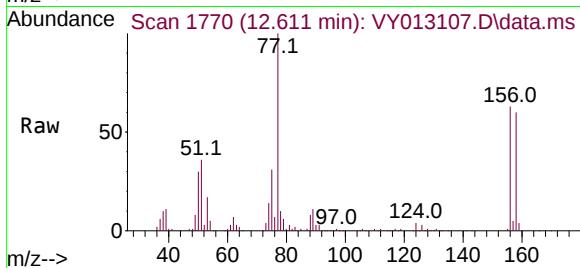
Tgt Ion:	156	Resp:	63289
Ion Ratio	Lower	Upper	
156	100		
77	183.1	94.0	282.1
158	97.8	48.1	144.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 03/29/2023

Supervised By :Mahesh Dadoda 03/29/2023



#78

n-propylbenzene

Concen: 48.642 ug/l

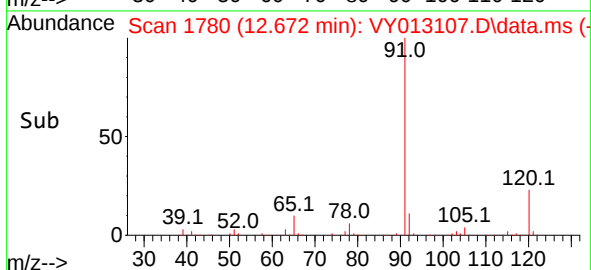
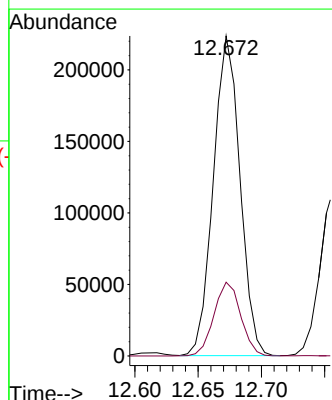
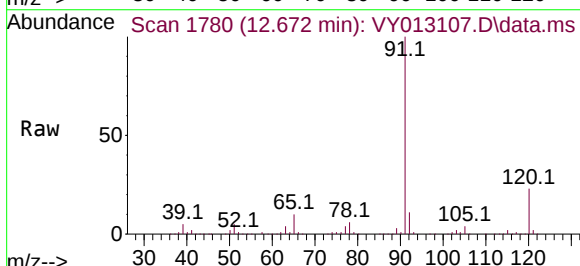
RT: 12.672 min Scan# 1780

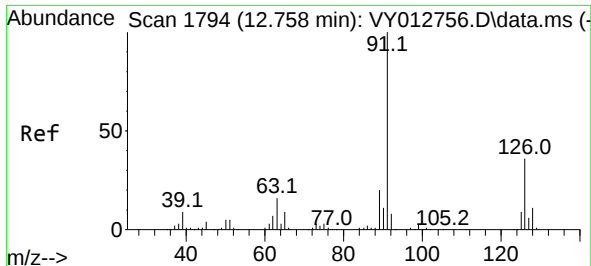
Delta R.T. -0.000 min

Lab File: VY013107.D

Acq: 28 Mar 2023 10:52

Tgt Ion:	91	Resp:	326627
Ion Ratio	Lower	Upper	
91	100		
120	23.2	11.6	34.8





#79

2-Chlorotoluene

Concen: 48.496 ug/l

RT: 12.757 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VY013107.D

Acq: 28 Mar 2023 10:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 180989

Ion Ratio Lower Upper

91 100

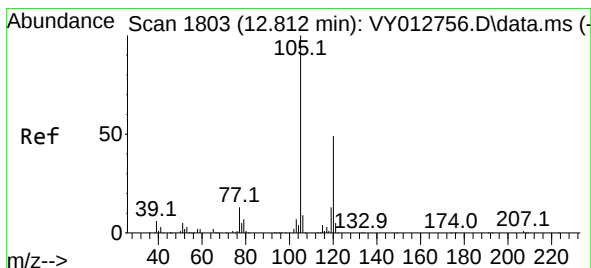
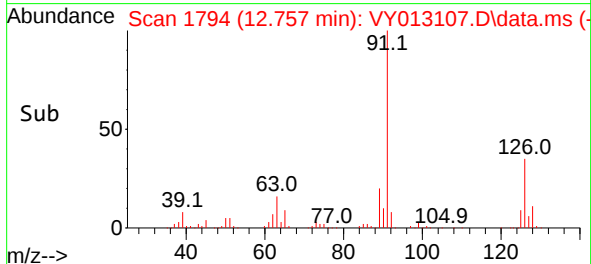
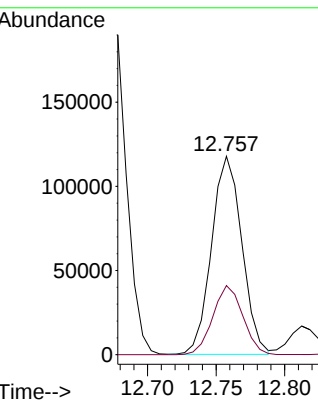
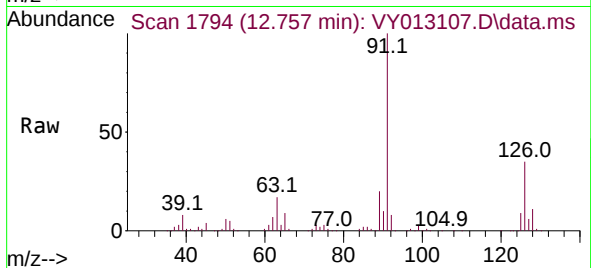
126 34.6 17.4 52.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 03/29/2023

Supervised By :Mahesh Dadoda 03/29/2023



#80

1,3,5-Trimethylbenzene

Concen: 49.063 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. -0.000 min

Lab File: VY013107.D

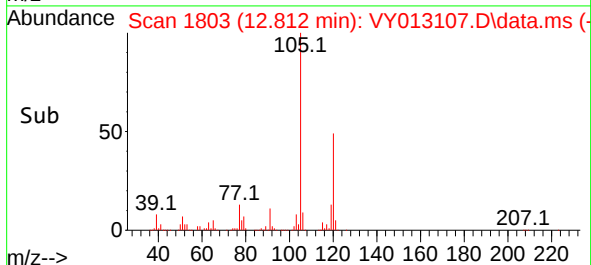
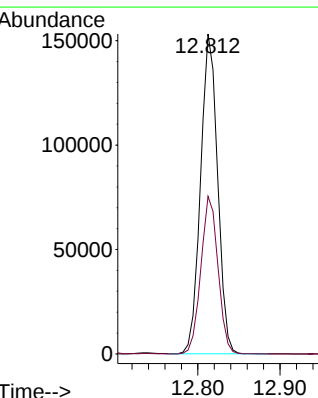
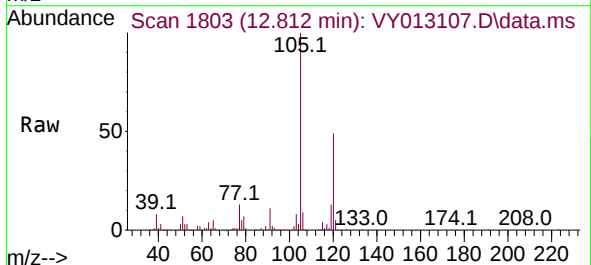
Acq: 28 Mar 2023 10:52

Tgt Ion:105 Resp: 220529

Ion Ratio Lower Upper

105 100

120 49.5 24.8 74.4





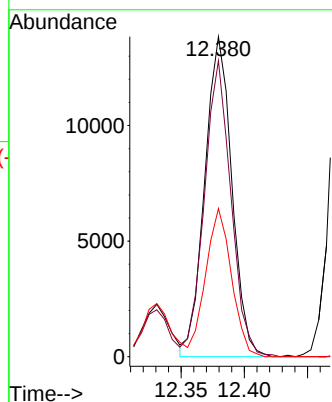
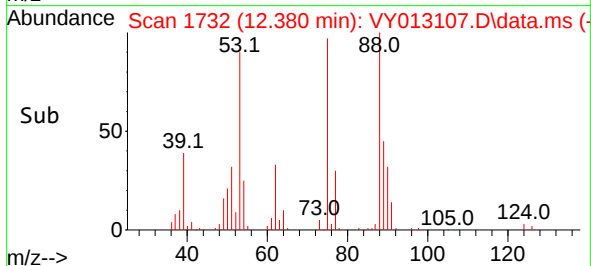
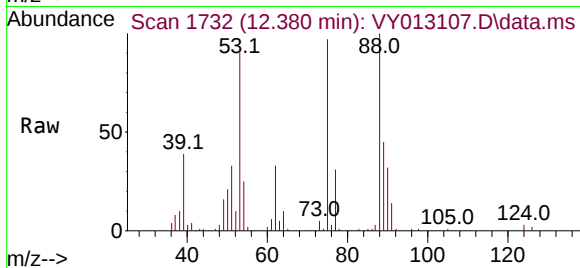
#81
trans-1,4-Dichloro-2-butene
Concen: 46.590 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VY013107.D
Acq: 28 Mar 2023 10:52

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 20635
Ion Ratio Lower Upper
75 100
53 90.8 73.4 110.0
89 44.1 36.6 55.0

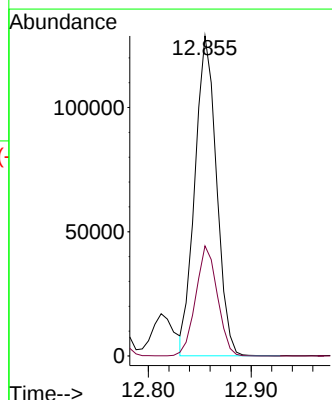
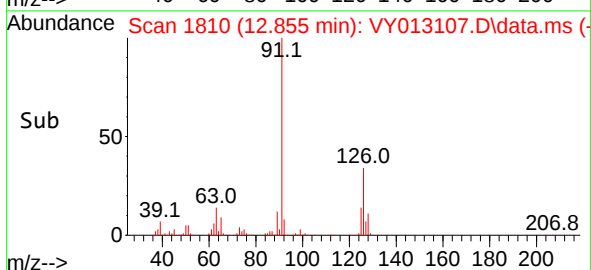
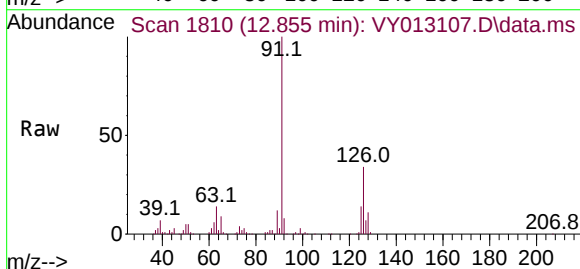
Manual Integrations
APPROVED

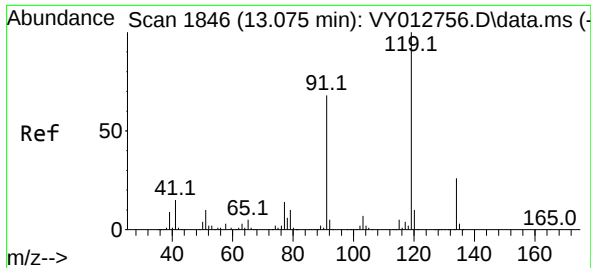
Reviewed By :Krupa Patel 03/29/2023
Supervised By :Mahesh Dadoda 03/29/2023



#82
4-Chlorotoluene
Concen: 48.701 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY013107.D
Acq: 28 Mar 2023 10:52

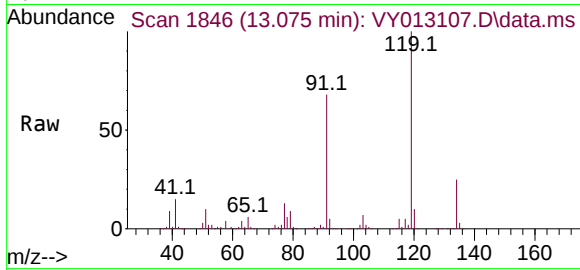
Tgt Ion: 91 Resp: 188145
Ion Ratio Lower Upper
91 100
126 34.5 17.7 53.1





#83
tert-Butylbenzene
Concen: 48.600 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. -0.000 min
Lab File: VY013107.D
Acq: 28 Mar 2023 10:52

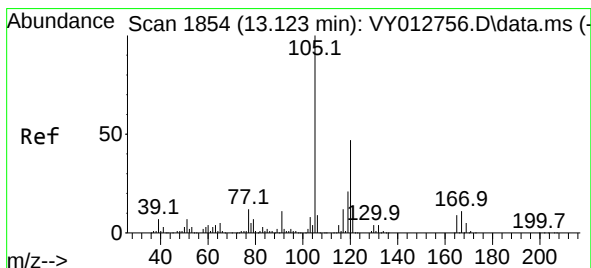
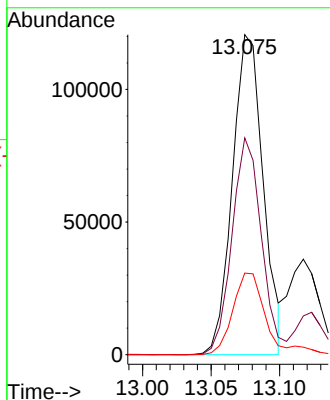
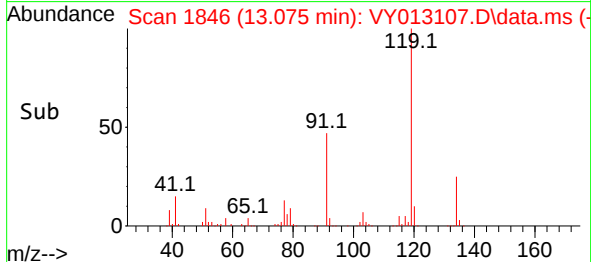
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



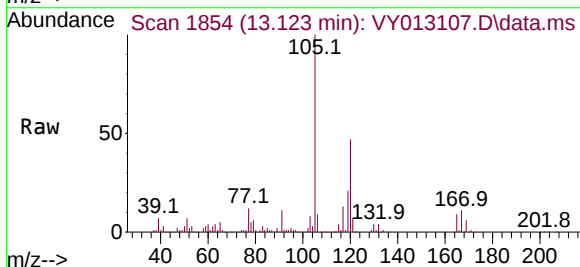
Tgt Ion:119 Resp: 188544
Ion Ratio Lower Upper
119 100
91 65.1 32.8 98.3
134 27.5 13.6 40.8

Manual Integrations
APPROVED

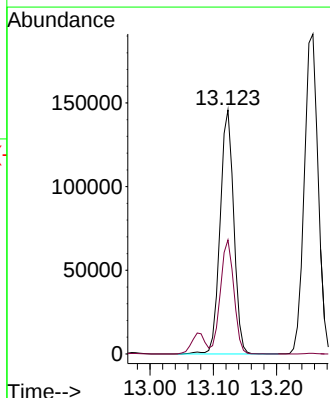
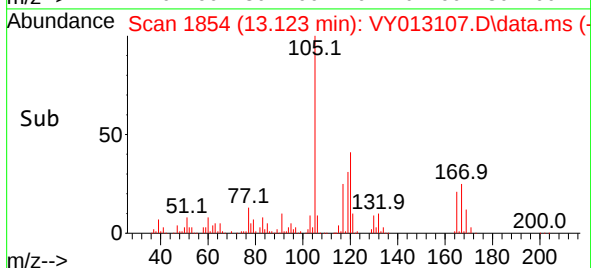
Reviewed By :Krupa Patel 03/29/2023
Supervised By :Mahesh Dadoda 03/29/2023

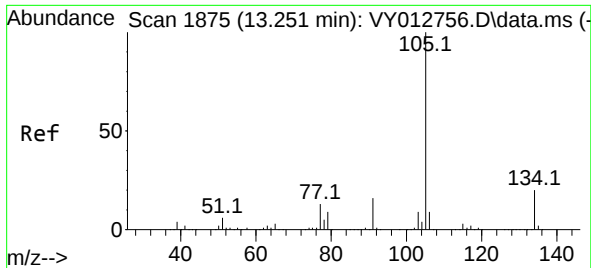


#84
1,2,4-Trimethylbenzene
Concen: 49.483 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. -0.000 min
Lab File: VY013107.D
Acq: 28 Mar 2023 10:52



Tgt Ion:105 Resp: 217488
Ion Ratio Lower Upper
105 100
120 46.3 23.0 69.0





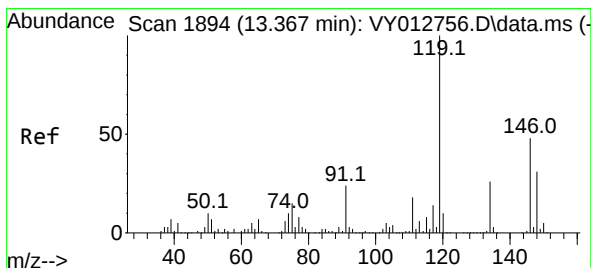
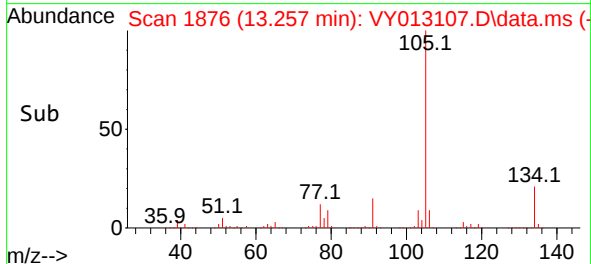
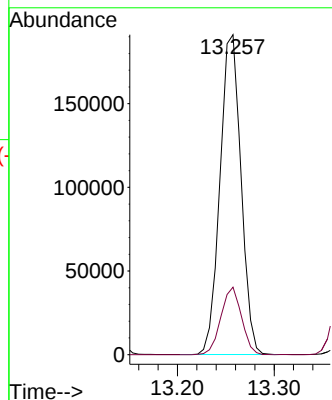
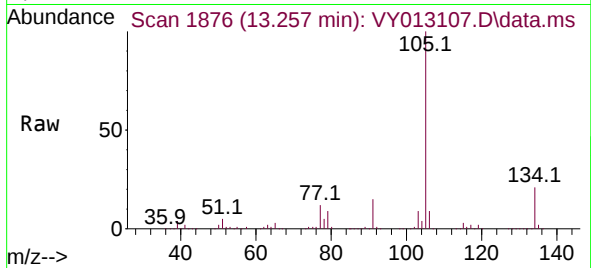
#85
 sec-Butylbenzene
 Concen: 48.732 ug/l
 RT: 13.257 min Scan# 1876
 Delta R.T. 0.006 min
 Lab File: VY013107.D
 Acq: 28 Mar 2023 10:52

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 288418
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.4 31.1

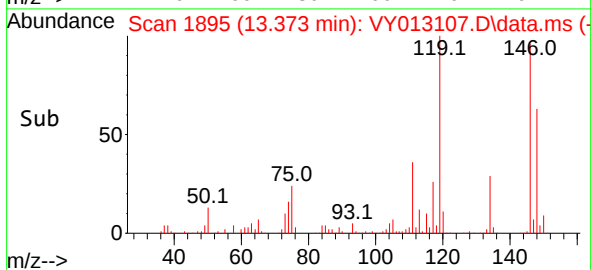
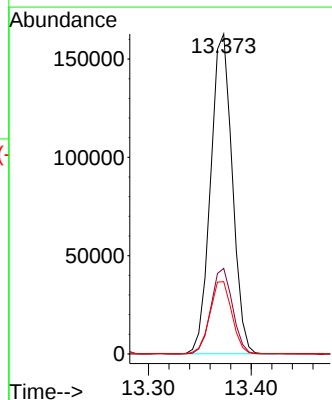
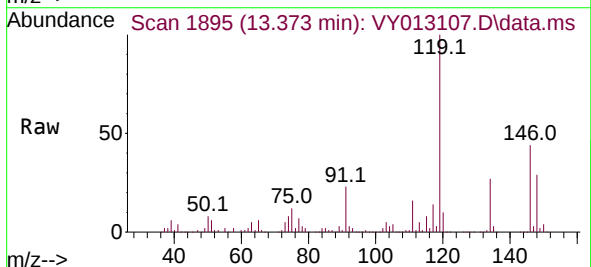
Manual Integrations
 APPROVED

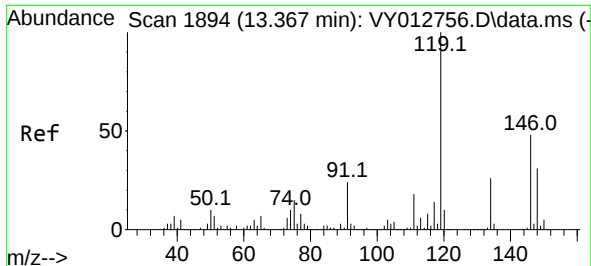
Reviewed By :Krupa Patel 03/29/2023
 Supervised By :Mahesh Dadoda 03/29/2023



#86
 p-Isopropyltoluene
 Concen: 49.236 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. 0.006 min
 Lab File: VY013107.D
 Acq: 28 Mar 2023 10:52

Tgt Ion:119 Resp: 238159
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.2 39.6
 91 23.0 11.8 35.3





#87

1,3-Dichlorobenzene

Concen: 49.047 ug/l

RT: 13.367 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY013107.D

Acq: 28 Mar 2023 10:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 12516

Ion Ratio Lower Upper

146 100

111 39.0 19.1 57.5

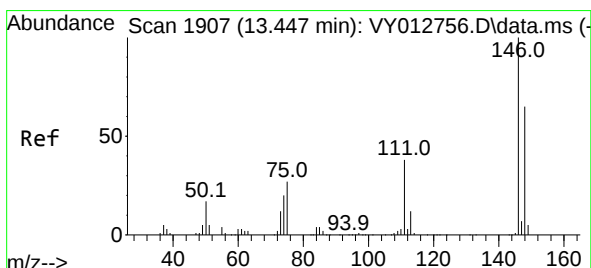
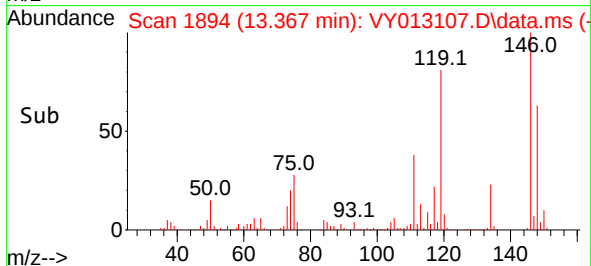
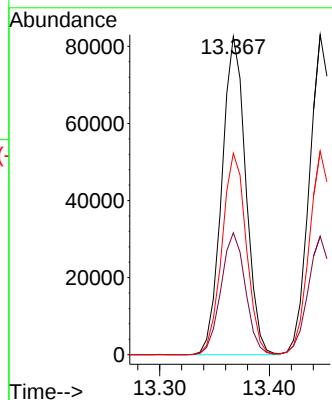
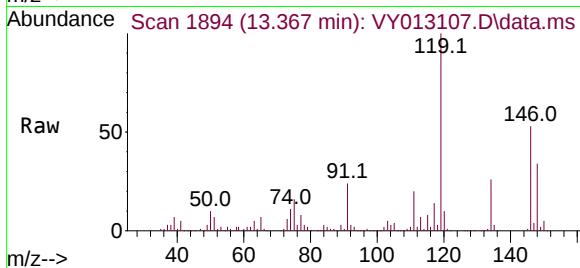
148 64.1 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 03/29/2023

Supervised By :Mahesh Dadoda 03/29/2023



#88

1,4-Dichlorobenzene

Concen: 48.432 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY013107.D

Acq: 28 Mar 2023 10:52

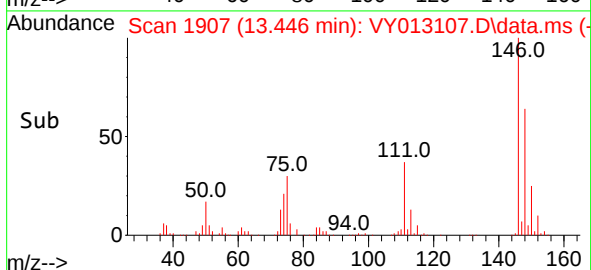
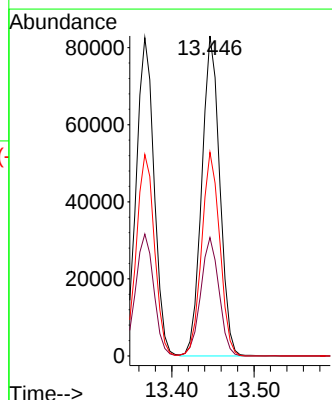
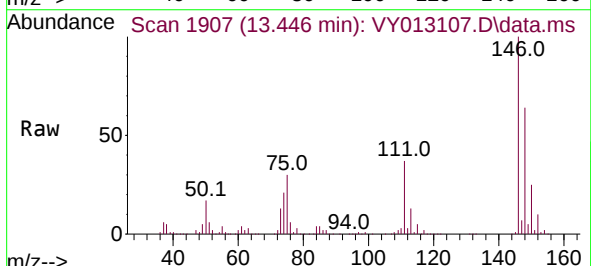
Tgt Ion:146 Resp: 126140

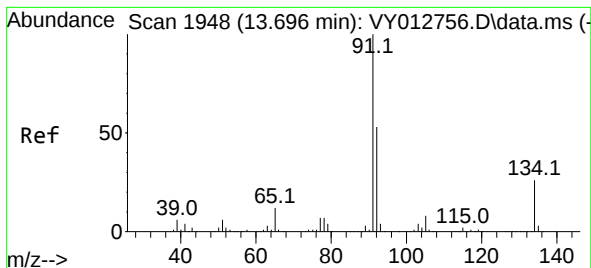
Ion Ratio Lower Upper

146 100

111 37.6 18.6 55.8

148 64.0 31.5 94.5





#89

n-Butylbenzene

Concen: 48.096 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. -0.000 min

Lab File: VY013107.D

Acq: 28 Mar 2023 10:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 222715

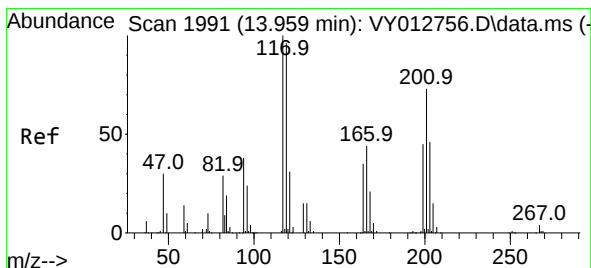
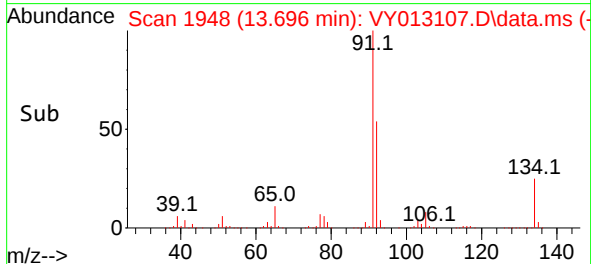
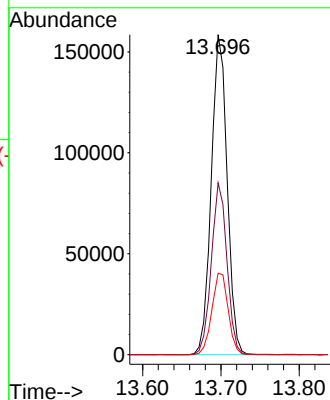
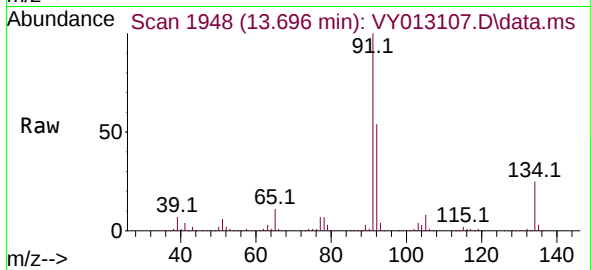
Ion	Ratio	Lower	Upper
91	100		
92	52.8	26.4	79.0
134	26.2	13.0	38.9

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 03/29/2023

Supervised By :Mahesh Dadoda 03/29/2023



#90

Hexachloroethane

Concen: 48.074 ug/l

RT: 13.965 min Scan# 1992

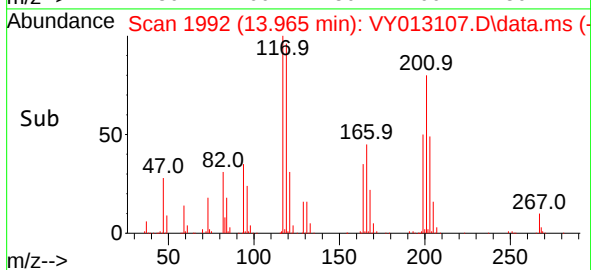
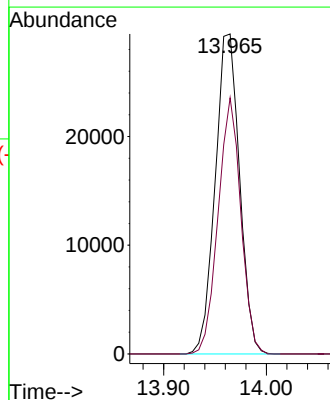
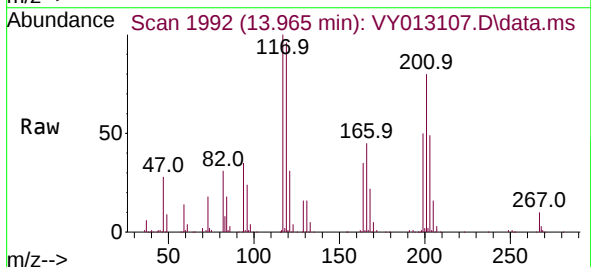
Delta R.T. 0.006 min

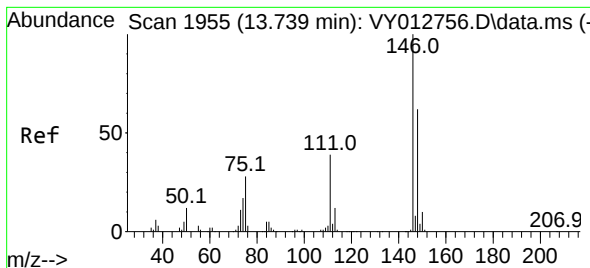
Lab File: VY013107.D

Acq: 28 Mar 2023 10:52

Tgt Ion:117 Resp: 48433

Ion	Ratio	Lower	Upper
117	100		
201	74.6	39.4	118.1





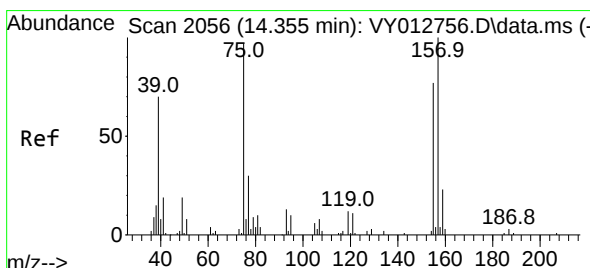
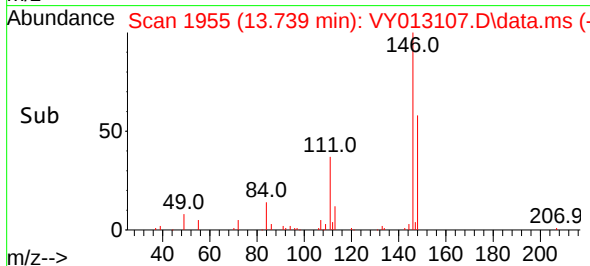
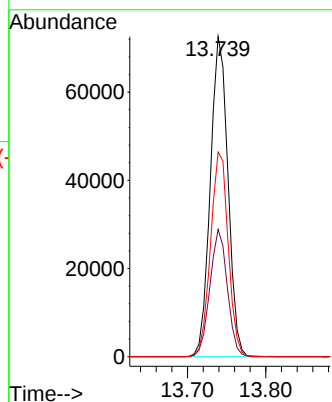
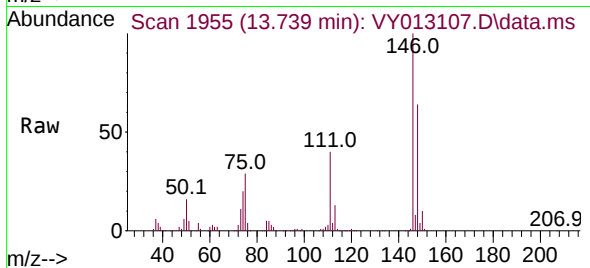
#91
1,2-Dichlorobenzene
Concen: 49.050 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. -0.000 min
Lab File: VY013107.D
Acq: 28 Mar 2023 10:52

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 113150
Ion Ratio Lower Upper
146 100
111 39.2 19.7 59.1
148 64.2 31.9 95.5

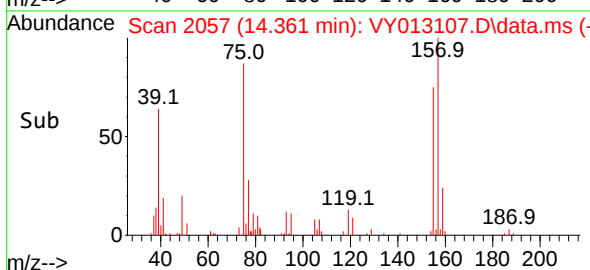
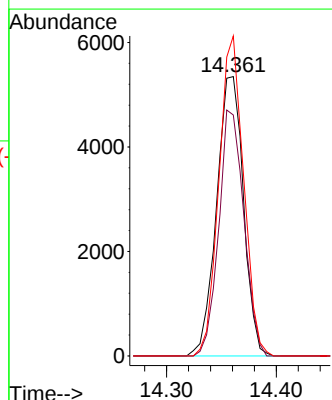
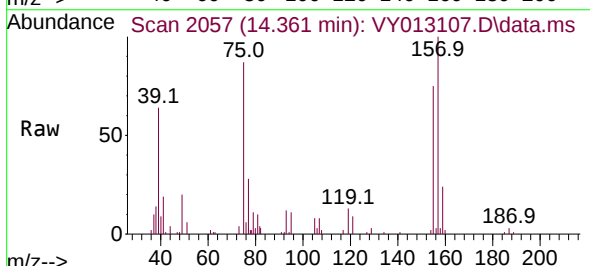
Manual Integrations
APPROVED

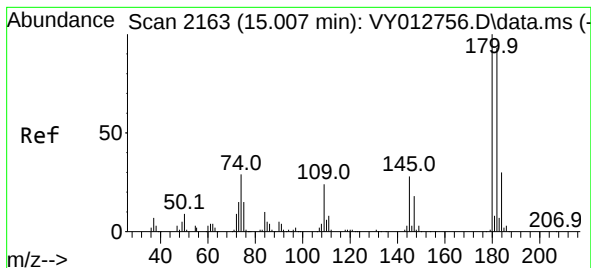
Reviewed By :Krupa Patel 03/29/2023
Supervised By :Mahesh Dadoda 03/29/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 45.995 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. 0.006 min
Lab File: VY013107.D
Acq: 28 Mar 2023 10:52

Tgt Ion: 75 Resp: 9101
Ion Ratio Lower Upper
75 100
155 82.2 43.8 131.4
157 105.1 54.1 162.3





#93

1,2,4-Trichlorobenzene

Concen: 42.669 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. -0.000 min

Lab File: VY013107.D

Acq: 28 Mar 2023 10:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

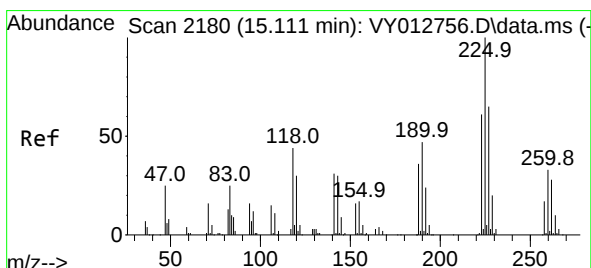
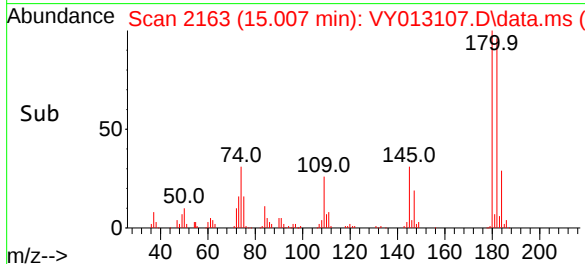
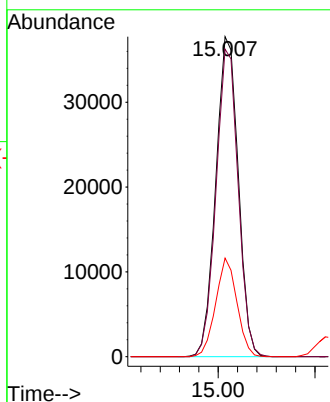
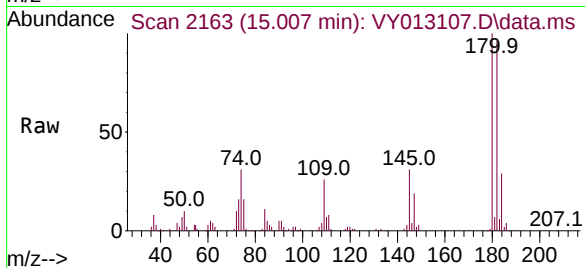
Tgt Ion:	180	Resp:	6060
Ion Ratio	Lower	Upper	
180	100		
182	94.7	46.7	140.1
145	29.2	14.6	43.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 03/29/2023

Supervised By :Mahesh Dadoda 03/29/2023



#94

Hexachlorobutadiene

Concen: 41.881 ug/l

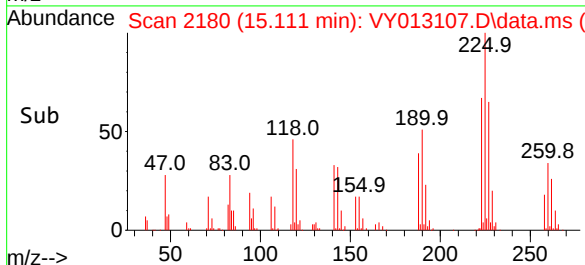
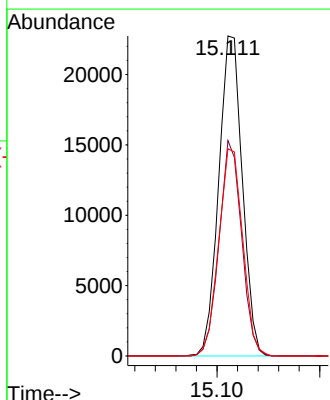
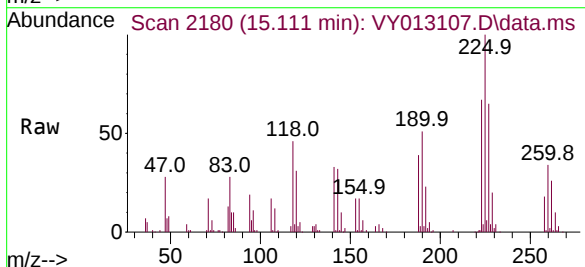
RT: 15.111 min Scan# 2180

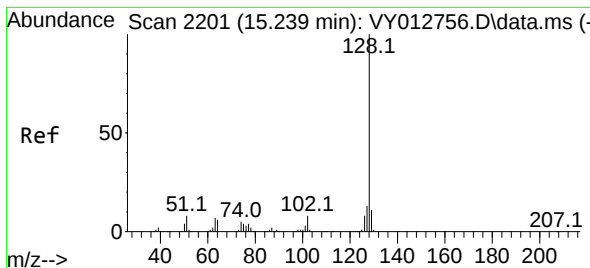
Delta R.T. -0.000 min

Lab File: VY013107.D

Acq: 28 Mar 2023 10:52

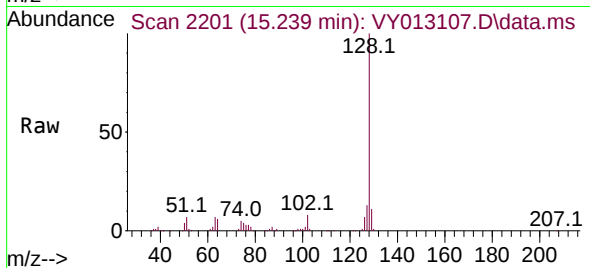
Tgt Ion:	225	Resp:	36281
Ion Ratio	Lower	Upper	
225	100		
223	63.9	31.1	93.3
227	65.7	32.4	97.0





#95
Naphthalene
Concen: 43.015 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. -0.000 min
Lab File: VY013107.D
Acq: 28 Mar 2023 10:52

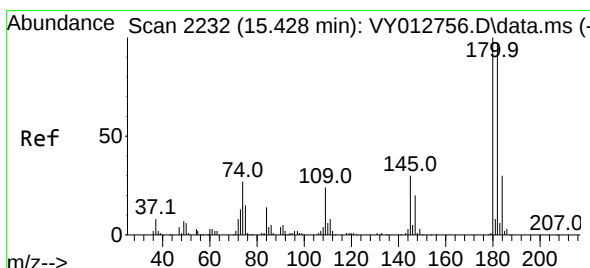
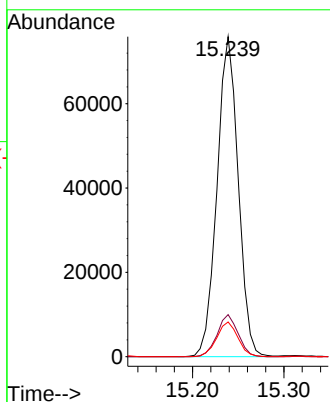
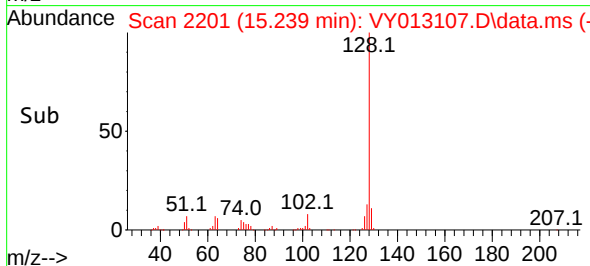
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



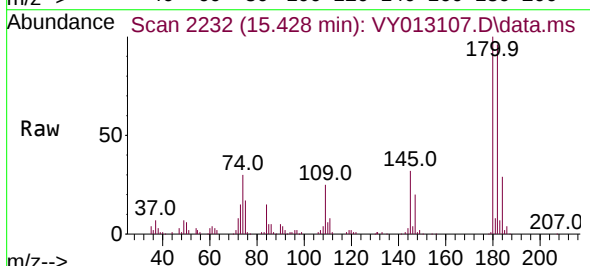
Tgt Ion:128 Resp: 122429
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 10.9 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 03/29/2023
Supervised By :Mahesh Dadoda 03/29/2023



#96
1,2,3-Trichlorobenzene
Concen: 43.072 ug/l
RT: 15.428 min Scan# 2232
Delta R.T. -0.000 min
Lab File: VY013107.D
Acq: 28 Mar 2023 10:52



Tgt Ion:180 Resp: 54408
Ion Ratio Lower Upper
180 100
182 94.7 47.4 142.3
145 31.5 15.3 45.8

