

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050923\
 Data File : VY013676.D
 Acq On : 09 May 2023 18:18
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: May 10 05:41:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:39:58 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 05/10/2023
 Supervised By :Mahesh Dadoda 05/10/2023

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	225618	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	339139	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	310892	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	162550	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	137399	55.554	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 111.100%			
35) Dibromofluoromethane	7.716	113	118368	55.493	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 110.980%			
50) Toluene-d8	10.179	98	395695	52.147	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 104.300%			
62) 4-Bromofluorobenzene	12.477	95	148412	58.016	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 116.040%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	105607	49.236	ug/l	100
3) Chloromethane	2.113	50	126639	44.047	ug/l	98
4) Vinyl Chloride	2.247	62	128740	44.971	ug/l	98
5) Bromomethane	2.650	94	100385	44.004	ug/l	99
6) Chloroethane	2.790	64	85465	43.215	ug/l	100
7) Trichlorofluoromethane	3.125	101	227560	52.473	ug/l	97
8) Diethyl Ether	3.528	74	73936	50.065	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.893	101	120493	49.534	ug/l	98
10) Methyl Iodide	4.088	142	138550	45.348	ug/l	97
11) Tert butyl alcohol	4.954	59	108918	390.618	ug/l #	89
12) 1,1-Dichloroethene	3.869	96	110565	47.153	ug/l	89
13) Acrolein	3.729	56	50999	235.482	ug/l	99
14) Allyl chloride	4.473	41	206450	47.451	ug/l	98
15) Acrylonitrile	5.161	53	230675	278.908	ug/l	97
16) Acetone	3.948	43	263343	270.373	ug/l	95
17) Carbon Disulfide	4.192	76	324653	42.624	ug/l	100
18) Methyl Acetate	4.479	43	174627	54.284	ug/l	95
19) Methyl tert-butyl Ether	5.216	73	365950	54.059	ug/l	98
20) Methylene Chloride	4.710	84	150268	49.102	ug/l #	85
21) trans-1,2-Dichloroethene	5.216	96	128974	50.307	ug/l	97
22) Diisopropyl ether	6.112	45	454526	53.449	ug/l	96
23) Vinyl Acetate	6.058	43	1420137	294.946	ug/l	97
24) 1,1-Dichloroethane	6.009	63	245495	51.797	ug/l	97
25) 2-Butanone	6.984	43	342197	277.028	ug/l	92
26) 2,2-Dichloropropane	6.978	77	220248	53.929	ug/l	97
27) cis-1,2-Dichloroethene	6.984	96	151332	53.424	ug/l	96
28) Bromochloromethane	7.332	49	90155	53.604	ug/l	84
29) Tetrahydrofuran	7.344	42	209082	271.919	ug/l	93
30) Chloroform	7.503	83	264132	56.052	ug/l	97
31) Cyclohexane	7.783	56	198979	44.935	ug/l	92
32) 1,1,1-Trichloroethane	7.698	97	230537	54.824	ug/l	97
36) 1,1-Dichloropropene	7.917	75	184138	52.016	ug/l	98
37) Ethyl Acetate	7.076	43	149232	56.018	ug/l	96
38) Carbon Tetrachloride	7.899	117	209719	56.522	ug/l	95
39) Methylcyclohexane	9.179	83	210667	50.479	ug/l	97
40) Benzene	8.155	78	544089	54.562	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	74469	59.987	ug/l	96
42) 1,2-Dichloroethane	8.234	62	191598	58.770	ug/l	98
43) Isopropyl Acetate	8.271	43	248621	55.291	ug/l	97
44) Trichloroethene	8.935	130	144613	54.519	ug/l	96
45) 1,2-Dichloropropane	9.216	63	145941	55.974	ug/l	100
46) Dibromomethane	9.301	93	87717	56.227	ug/l	97
47) Bromodichloromethane	9.496	83	204349	58.539	ug/l	99
48) Methyl methacrylate	9.289	41	115625	55.989	ug/l	97
49) 1,4-Dioxane	9.301	88	26162	1174.196	ug/l #	84
51) 4-Methyl-2-Pentanone	10.069	43	735261	293.436	ug/l	96
52) Toluene	10.240	92	339650	56.601	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	213058	57.669	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	231773	55.753	ug/l	97
55) 1,1,2-Trichloroethane	10.642	97	118173	57.200	ug/l	95
56) Ethyl methacrylate	10.508	69	170409	59.455	ug/l	91
57) 1,3-Dichloropropane	10.788	76	204179	58.355	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.783	63	291874	271.565	ug/l	95
59) 2-Hexanone	10.831	43	536766	294.693	ug/l	97
60) Dibromochloromethane	10.984	129	148409	59.161	ug/l	100
61) 1,2-Dibromoethane	11.087	107	115138	56.685	ug/l	99
64) Tetrachloroethene	10.715	164	126061	53.324	ug/l	98
65) Chlorobenzene	11.514	112	365512	53.971	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.587	131	144398	57.010	ug/l	99
67) Ethyl Benzene	11.593	91	658549	55.376	ug/l	99
68) m/p-Xylenes	11.703	106	499573	110.502	ug/l	97
69) o-Xylene	12.026	106	236246	55.254	ug/l	96
70) Styrene	12.044	104	413691	57.867	ug/l	100
71) Bromoform	12.203	173	105360	59.387	ug/l #	100
73) Isopropylbenzene	12.325	105	627353	51.026	ug/l	98
74) N-amyl acetate	12.142	43	217727	49.764	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.581	83	154501	51.412	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	110994m	50.632	ug/l	
77) Bromobenzene	12.605	156	158712	53.276	ug/l	95
78) n-propylbenzene	12.666	91	769118	50.788	ug/l	98
79) 2-Chlorotoluene	12.752	91	433442	51.254	ug/l	99
80) 1,3,5-Trimethylbenzene	12.806	105	523119	52.130	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.374	75	54430	50.789	ug/l	94
82) 4-Chlorotoluene	12.849	91	450767	51.141	ug/l	97
83) tert-Butylbenzene	13.075	119	454718	52.303	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	520056	53.305	ug/l	99
85) sec-Butylbenzene	13.251	105	665479	51.003	ug/l	99
86) p-Isopropyltoluene	13.367	119	548387	52.263	ug/l	99
87) 1,3-Dichlorobenzene	13.361	146	299153	52.709	ug/l	100
88) 1,4-Dichlorobenzene	13.447	146	294755	51.412	ug/l	100
89) n-Butylbenzene	13.697	91	515159	50.303	ug/l	98
90) Hexachloroethane	13.959	117	108690	49.217	ug/l	98
91) 1,2-Dichlorobenzene	13.739	146	271716	53.015	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	27120	51.098	ug/l	93
93) 1,2,4-Trichlorobenzene	15.007	180	161270	52.777	ug/l	99
94) Hexachlorobutadiene	15.111	225	96127	54.054	ug/l	99
95) Naphthalene	15.233	128	353952	53.387	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	149087	54.741	ug/l	99

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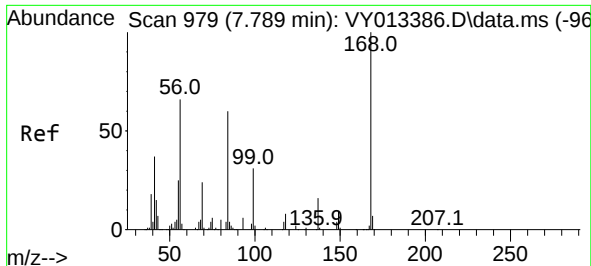
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 05/10/2023

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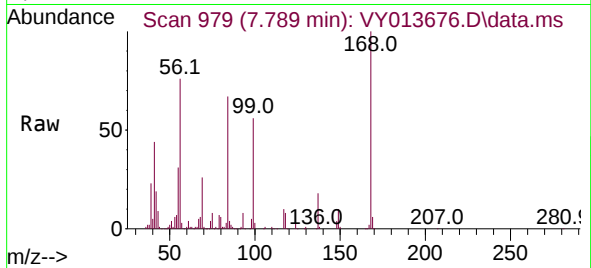
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
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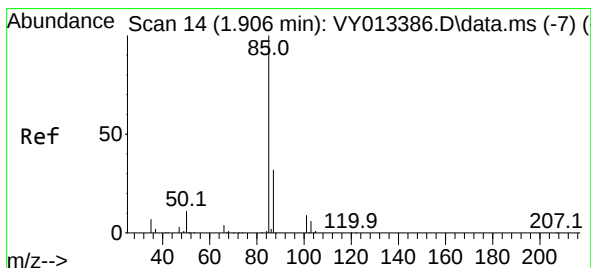
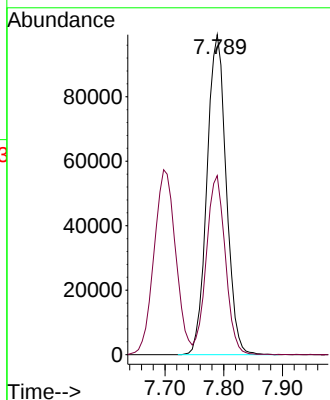
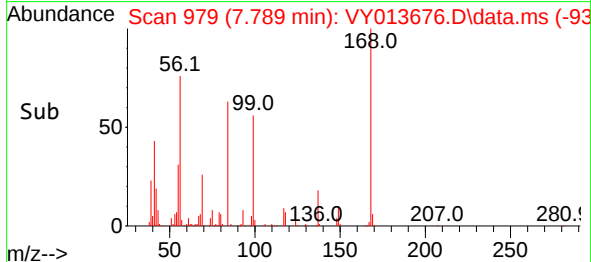
Instrument :
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Tgt Ion:168 Resp: 225618
Ion Ratio Lower Upper
168 100
99 55.9 41.8 62.6

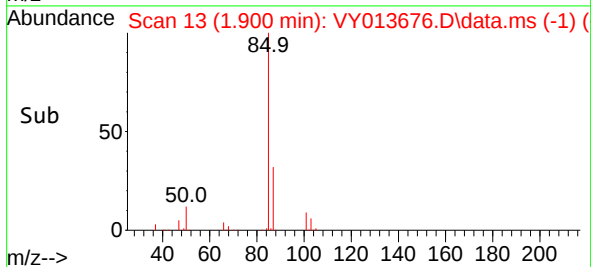
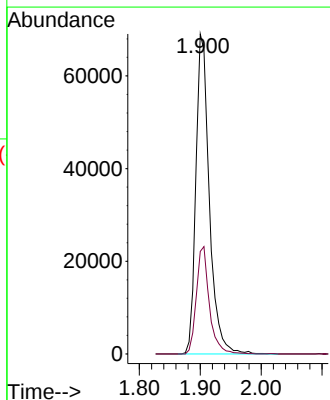
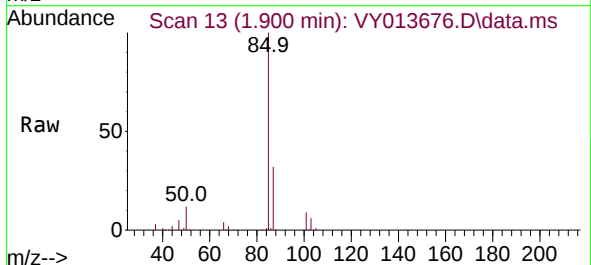
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APPROVED

Reviewed By :Krupa Patel 05/10/2023
Supervised By :Mahesh Dadoda 05/10/2023



#2
Dichlorodifluoromethane
Concen: 49.236 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.006 min
Lab File: VY013676.D
Acq: 09 May 2023 18:18

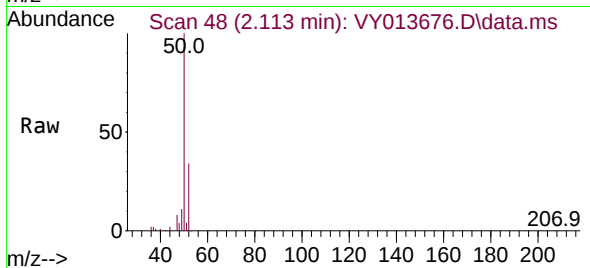
Tgt Ion: 85 Resp: 105607
Ion Ratio Lower Upper
85 100
87 32.1 16.1 48.2





#3
Chloromethane
Concen: 44.047 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY013676.D
Acq: 09 May 2023 18:18

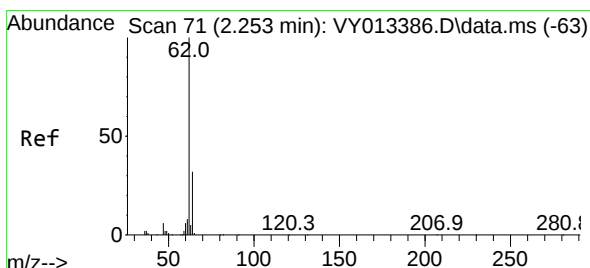
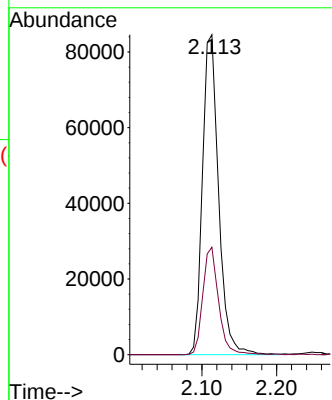
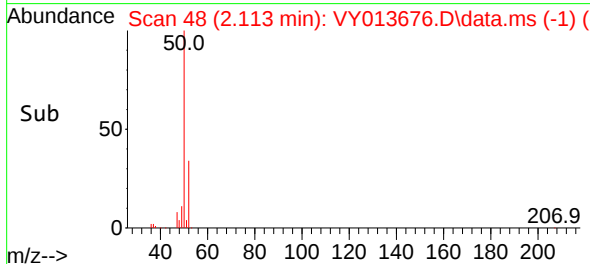
Instrument :
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Tgt Ion: 50 Resp: 126639
Ion Ratio Lower Upper
50 100
52 33.6 25.9 38.9

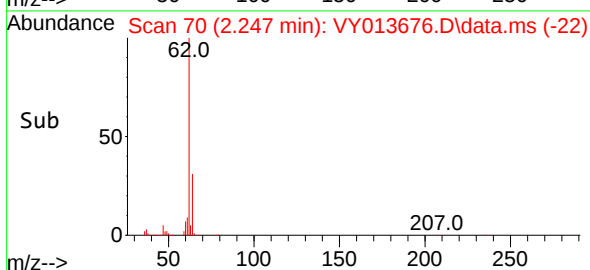
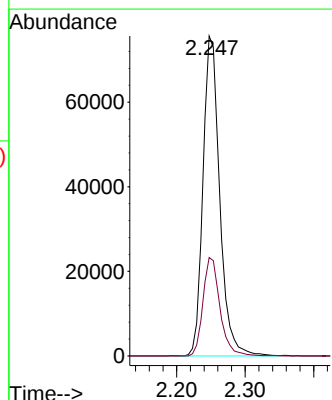
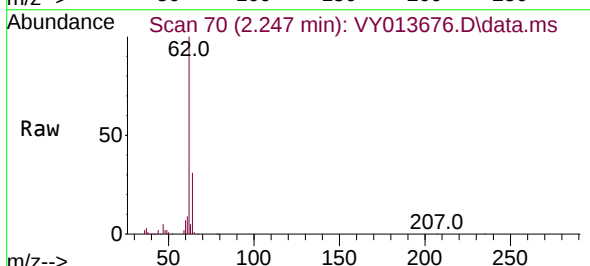
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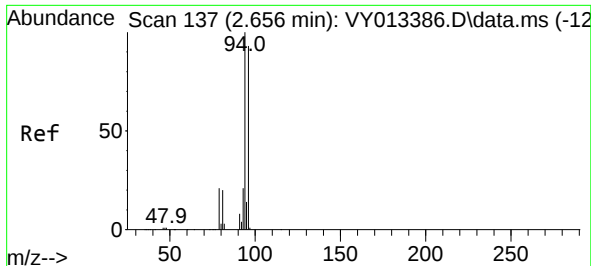
Reviewed By :Krupa Patel 05/10/2023
Supervised By :Mahesh Dadoda 05/10/2023



#4
Vinyl Chloride
Concen: 44.971 ug/l
RT: 2.247 min Scan# 70
Delta R.T. -0.006 min
Lab File: VY013676.D
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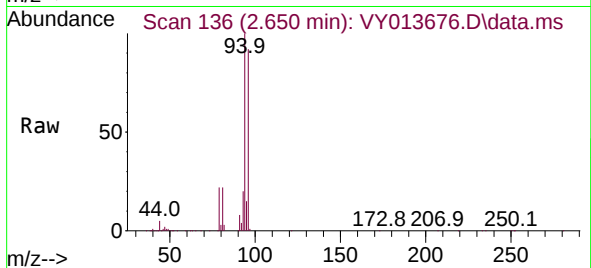
Tgt Ion: 62 Resp: 128740
Ion Ratio Lower Upper
62 100
64 30.7 25.4 38.0





#5
Bromomethane
Concen: 44.004 ug/l
RT: 2.650 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY013676.D
Acq: 09 May 2023 18:18

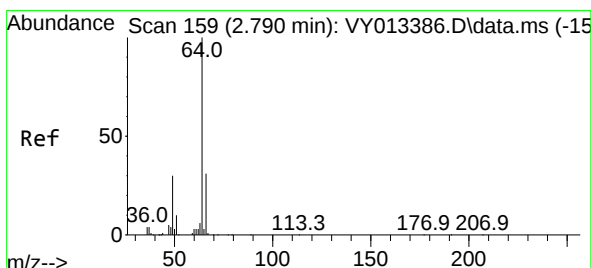
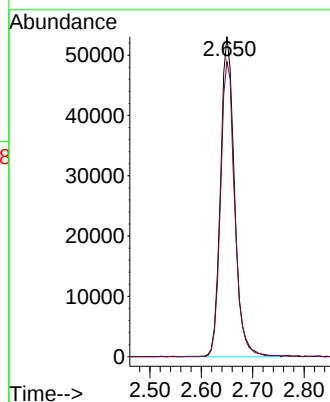
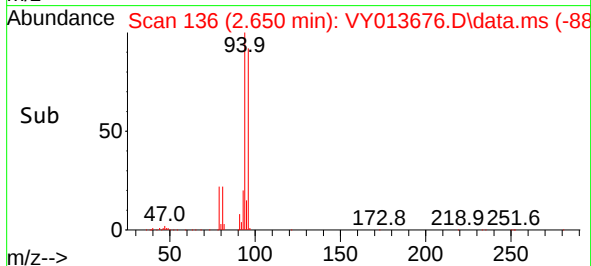
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Tgt Ion: 94 Resp: 100385
Ion Ratio Lower Upper
94 100
96 92.2 74.2 111.2

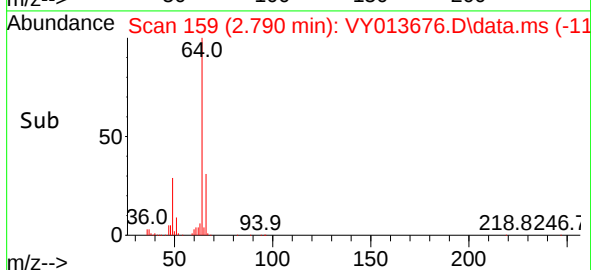
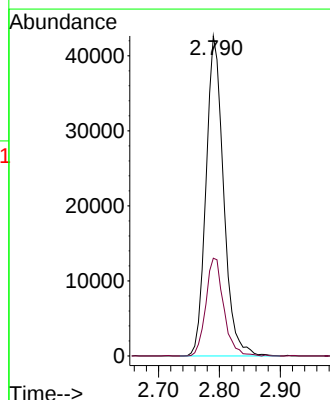
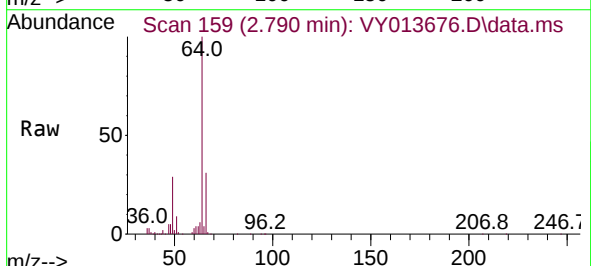
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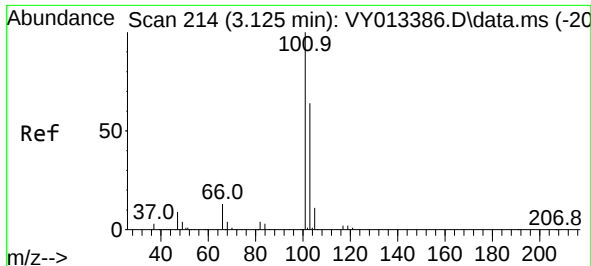
Reviewed By :Krupa Patel 05/10/2023
Supervised By :Mahesh Dadoda 05/10/2023



#6
Chloroethane
Concen: 43.215 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.000 min
Lab File: VY013676.D
Acq: 09 May 2023 18:18

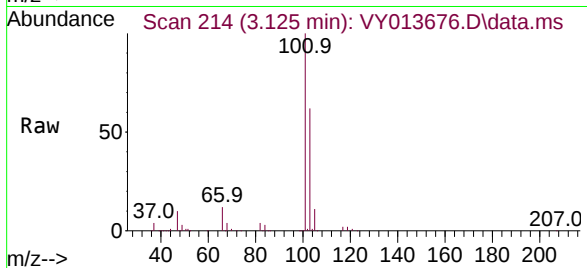
Tgt Ion: 64 Resp: 85465
Ion Ratio Lower Upper
64 100
66 30.6 24.6 37.0





#7
 Trichlorofluoromethane
 Concen: 52.473 ug/l
 RT: 3.125 min Scan# 214
 Delta R.T. 0.000 min
 Lab File: VY013676.D
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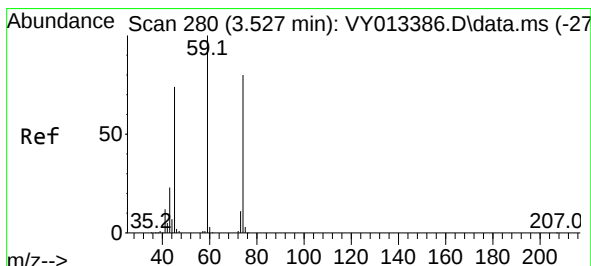
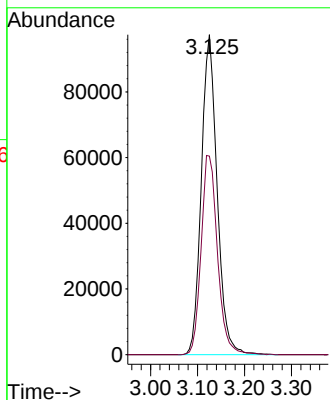
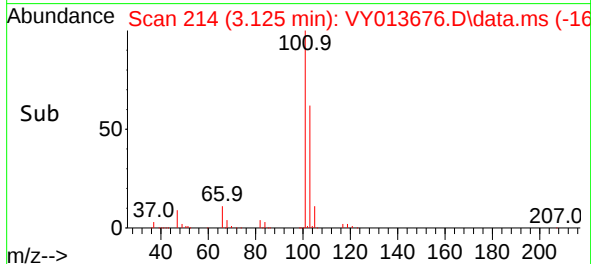
Instrument :
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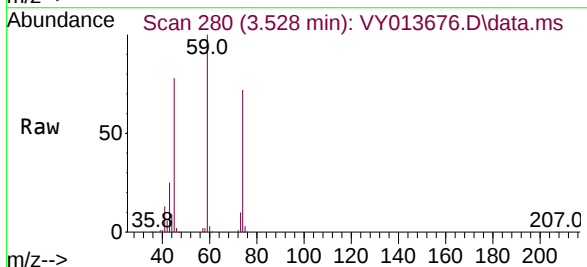
Tgt Ion: 101 Resp: 227560
 Ion Ratio Lower Upper
 101 100
 103 62.1 51.6 77.4

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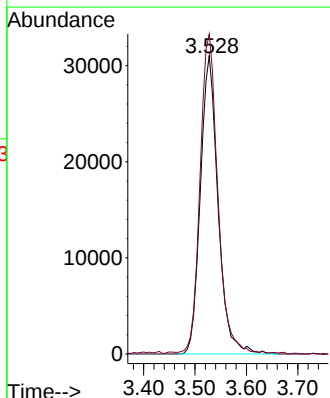
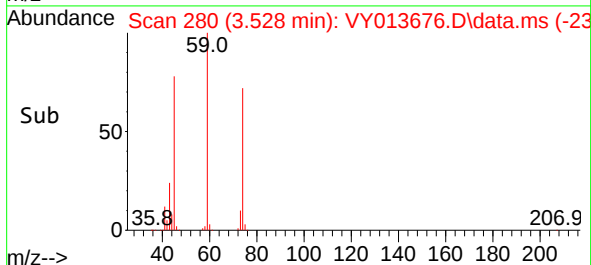
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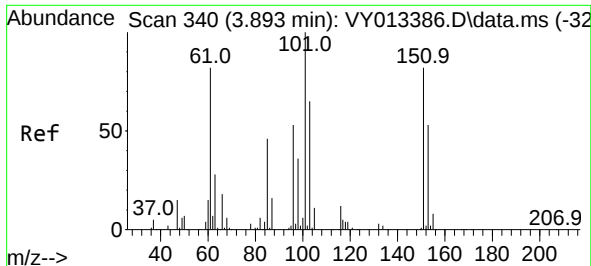


#8
 Diethyl Ether
 Concen: 50.065 ug/l
 RT: 3.528 min Scan# 280
 Delta R.T. 0.001 min
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Tgt Ion: 74 Resp: 73936
 Ion Ratio Lower Upper
 74 100
 45 106.0 48.2 144.6





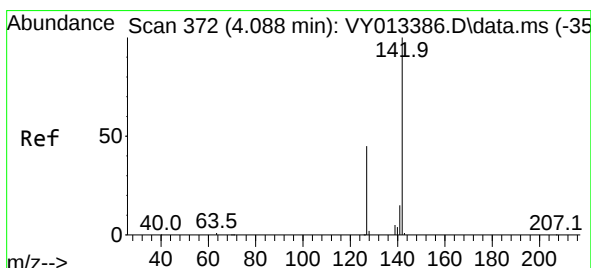
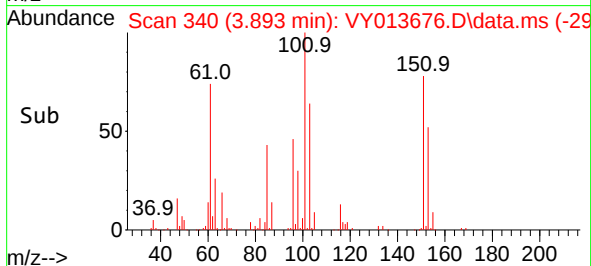
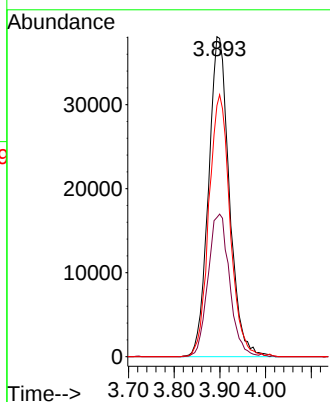
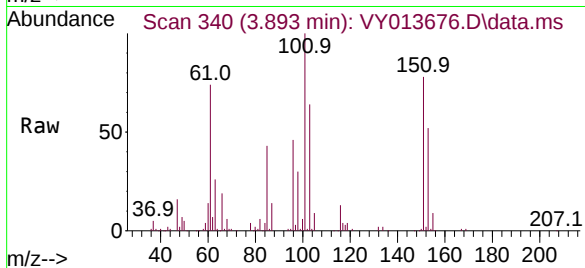
#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.534 ug/l
RT: 3.893 min Scan# 340
Delta R.T. 0.000 min
Lab File: VY013676.D
Acq: 09 May 2023 18:18

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 120493
Ion Ratio Lower Upper
101 100
85 46.1 35.6 53.4
151 83.0 68.0 102.0

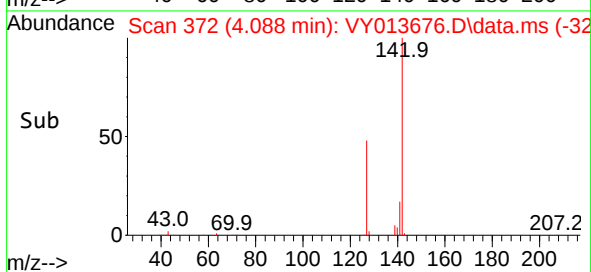
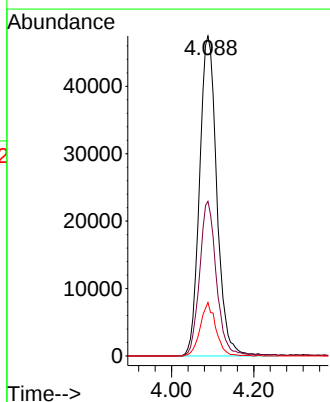
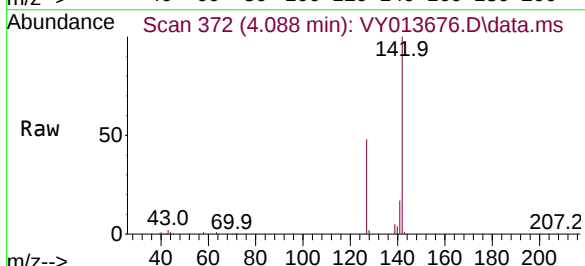
Manual Integrations
APPROVED

Reviewed By :Krupa Patel 05/10/2023
Supervised By :Mahesh Dadoda 05/10/2023



#10
Methyl Iodide
Concen: 45.348 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.000 min
Lab File: VY013676.D
Acq: 09 May 2023 18:18

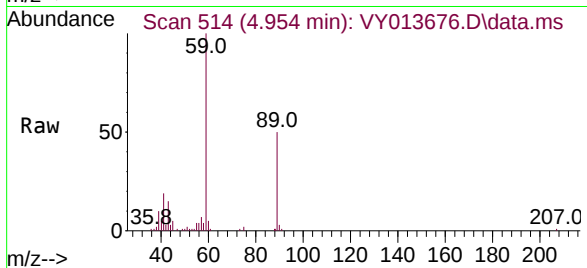
Tgt Ion:142 Resp: 138550
Ion Ratio Lower Upper
142 100
127 47.0 36.1 54.1
141 15.2 11.6 17.4





#11
Tert butyl alcohol
Concen: 390.618 ug/l
RT: 4.954 min Scan# 518
Delta R.T. -0.024 min
Lab File: VY013676.D
Acq: 09 May 2023 18:18

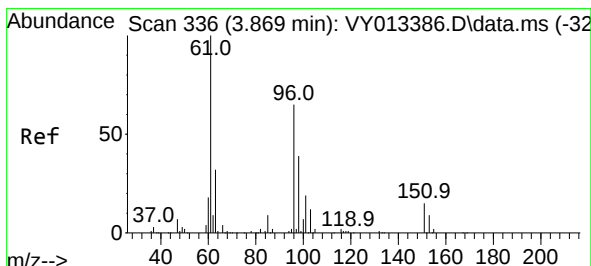
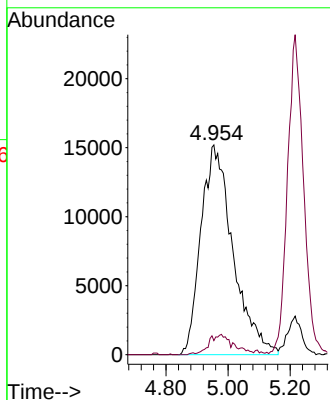
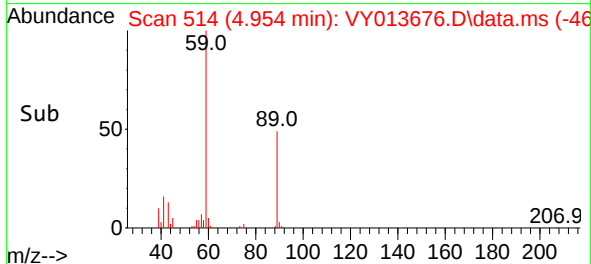
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



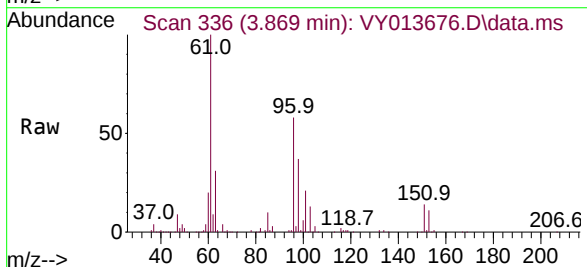
Tgt Ion: 59 Resp: 108918
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4

Manual Integrations
APPROVED

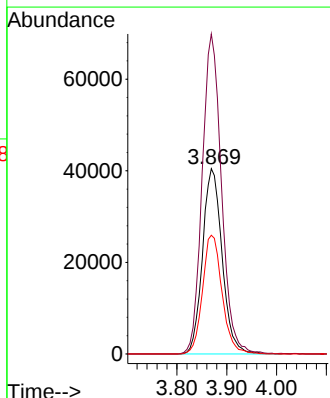
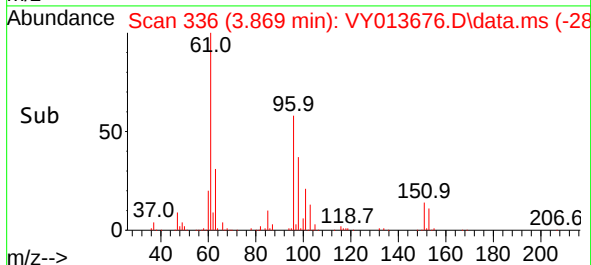
Reviewed By :Krupa Patel 05/10/2023
Supervised By :Mahesh Dadoda 05/10/2023

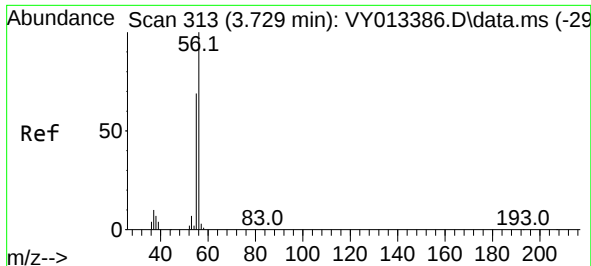


#12
1,1-Dichloroethene
Concen: 47.153 ug/l
RT: 3.869 min Scan# 336
Delta R.T. 0.000 min
Lab File: VY013676.D
Acq: 09 May 2023 18:18



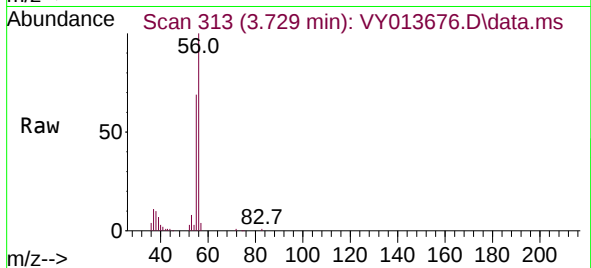
Tgt Ion: 96 Resp: 110565
Ion Ratio Lower Upper
96 100
61 172.7 123.9 185.9
98 64.1 48.9 73.3





#13
Acrolein
Concen: 235.482 ug/l
RT: 3.729 min Scan# 313
Delta R.T. -0.000 min
Lab File: VY013676.D
Acq: 09 May 2023 18:18

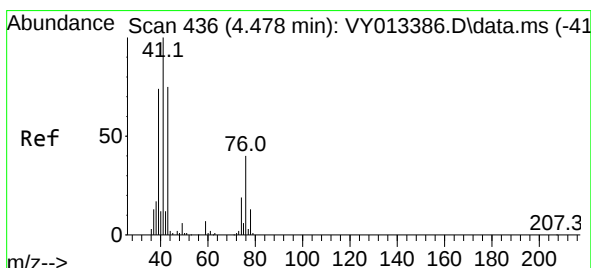
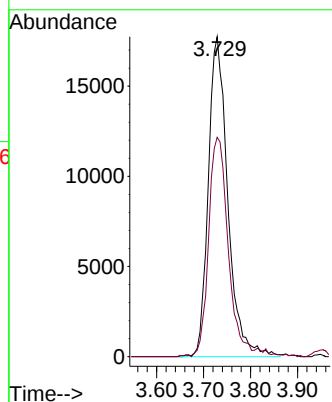
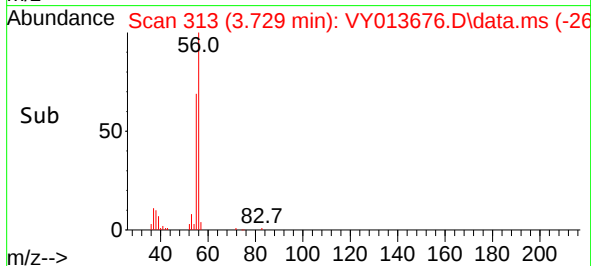
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 50999
Ion Ratio Lower Upper
56 100
55 68.6 54.1 81.1

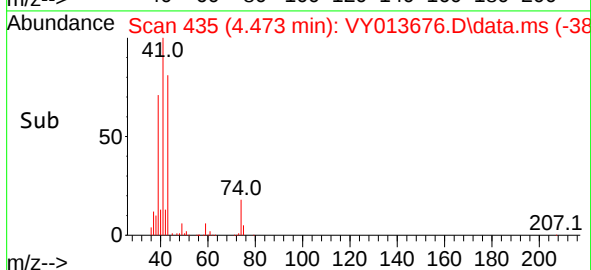
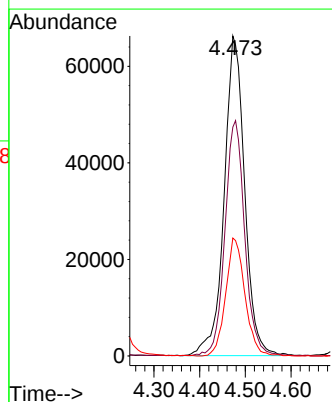
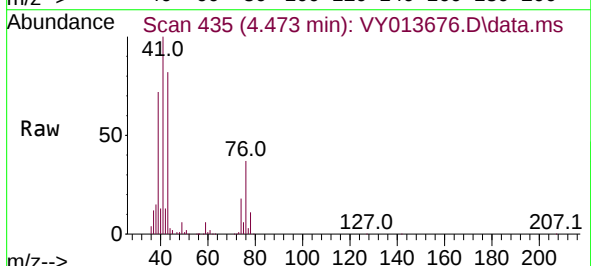
Manual Integrations
APPROVED

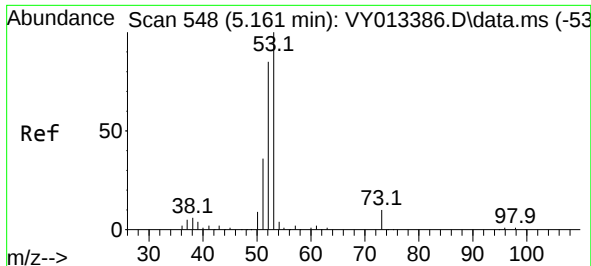
Reviewed By :Krupa Patel 05/10/2023
Supervised By :Mahesh Dadoda 05/10/2023



#14
Allyl chloride
Concen: 47.451 ug/l
RT: 4.473 min Scan# 435
Delta R.T. -0.005 min
Lab File: VY013676.D
Acq: 09 May 2023 18:18

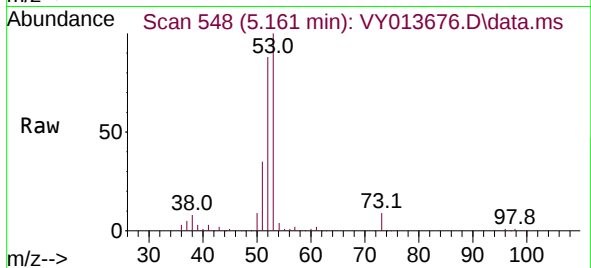
Tgt Ion: 41 Resp: 206450
Ion Ratio Lower Upper
41 100
39 70.9 56.6 85.0
76 34.7 30.5 45.7





#15
Acrylonitrile
Concen: 278.908 ug/l
RT: 5.161 min Scan# 548
Delta R.T. 0.000 min
Lab File: VY013676.D
Acq: 09 May 2023 18:18

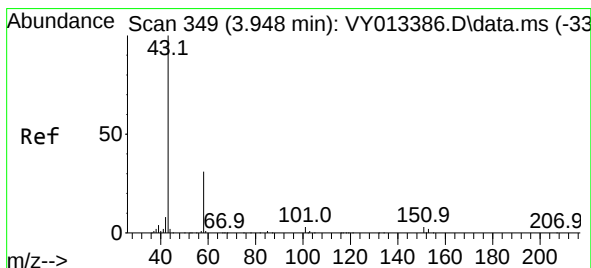
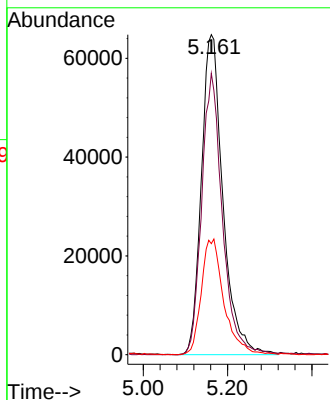
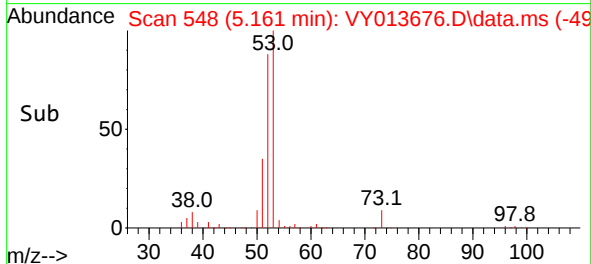
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 230679
Ion Ratio Lower Upper
53 100
52 84.1 65.4 98.0
51 37.9 29.3 43.9

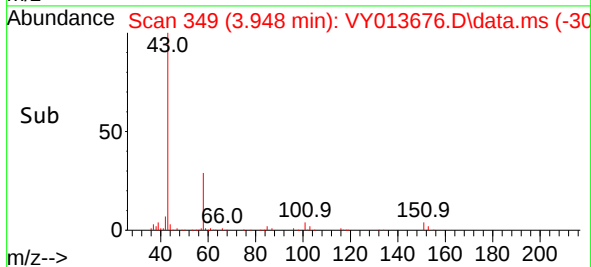
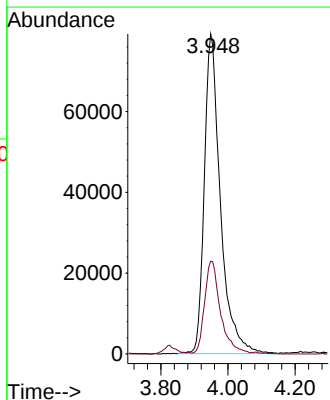
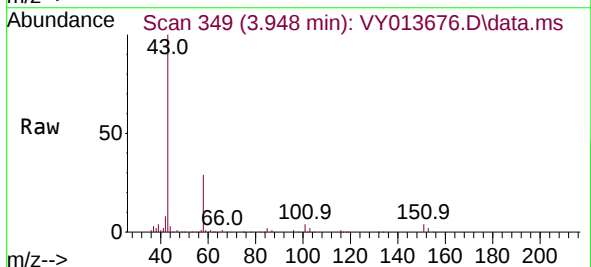
Manual Integrations
APPROVED

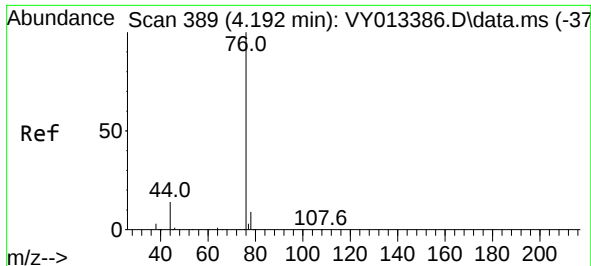
Reviewed By :Krupa Patel 05/10/2023
Supervised By :Mahesh Dadoda 05/10/2023



#16
Acetone
Concen: 270.373 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY013676.D
Acq: 09 May 2023 18:18

Tgt Ion: 43 Resp: 263343
Ion Ratio Lower Upper
43 100
58 28.9 25.4 38.0





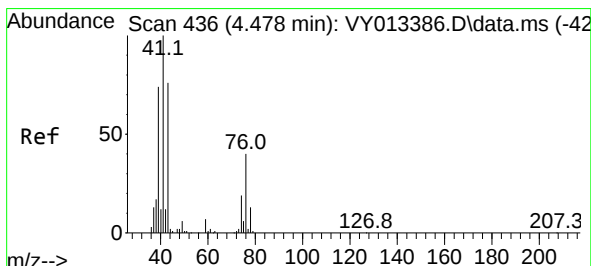
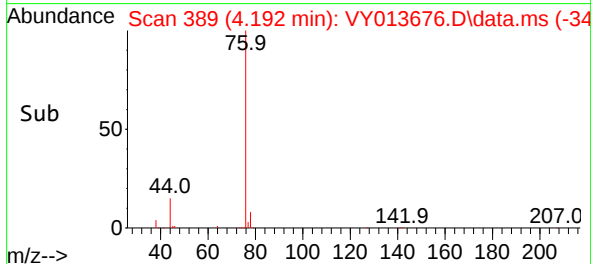
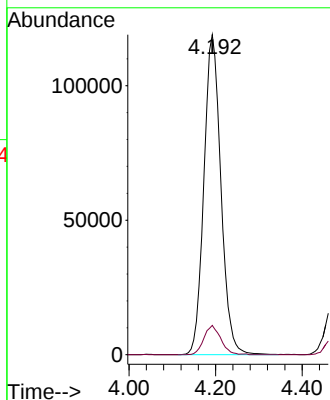
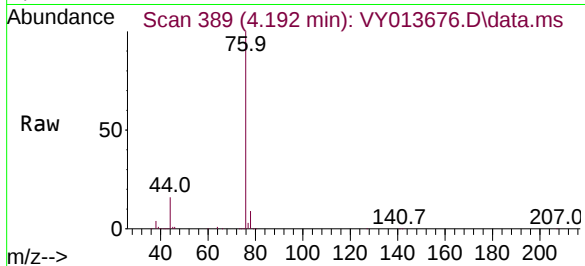
#17
Carbon Disulfide
Concen: 42.624 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.000 min
Lab File: VY013676.D
Acq: 09 May 2023 18:18

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 32465
Ion Ratio Lower Upper
76 100
78 9.1 7.2 10.8

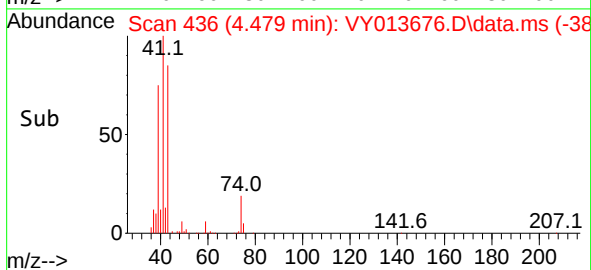
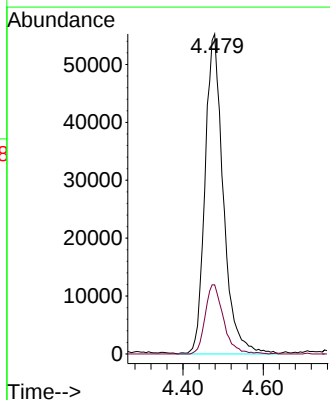
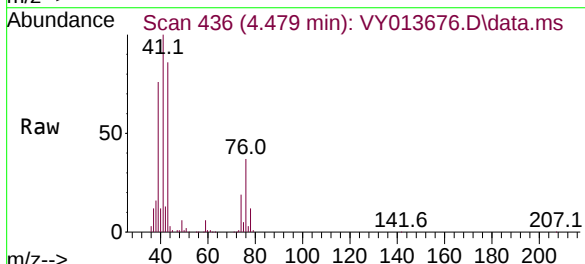
Manual Integrations
APPROVED

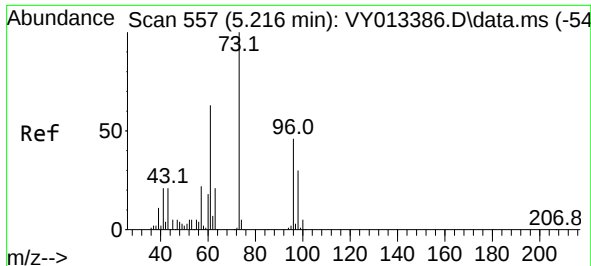
Reviewed By :Krupa Patel 05/10/2023
Supervised By :Mahesh Dadoda 05/10/2023



#18
Methyl Acetate
Concen: 54.284 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.001 min
Lab File: VY013676.D
Acq: 09 May 2023 18:18

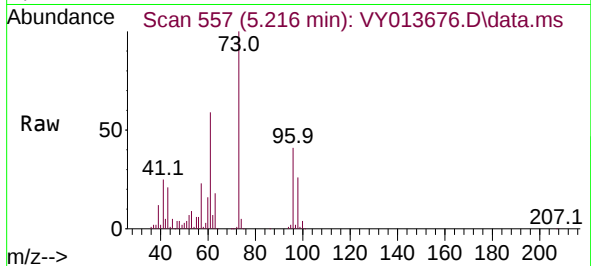
Tgt Ion: 43 Resp: 174627
Ion Ratio Lower Upper
43 100
74 21.7 19.4 29.2





#19
Methyl tert-butyl Ether
Concen: 54.059 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY013676.D
Acq: 09 May 2023 18:18

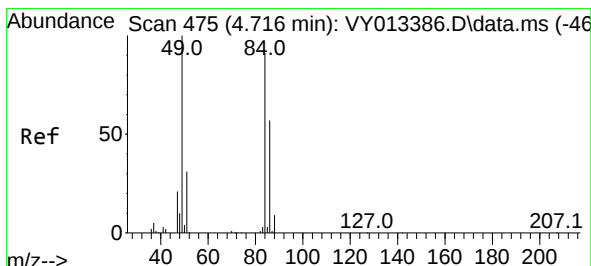
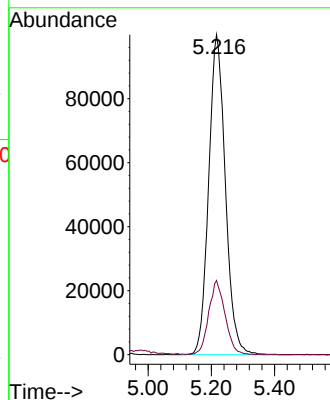
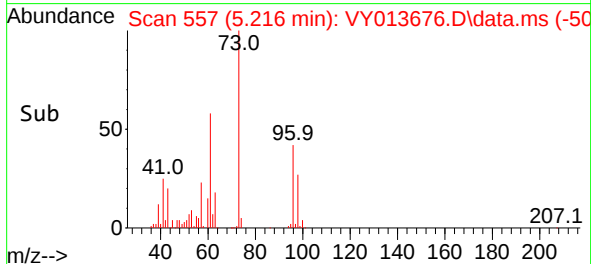
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



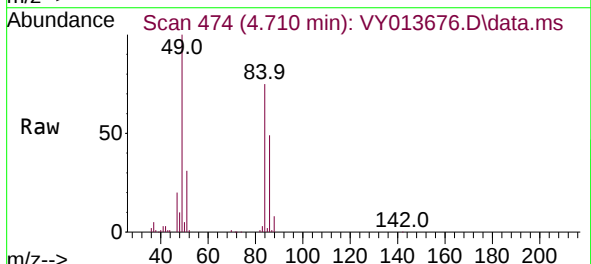
Tgt Ion: 73 Resp: 365950
Ion Ratio Lower Upper
73 100
57 23.2 17.8 26.8

Manual Integrations
APPROVED

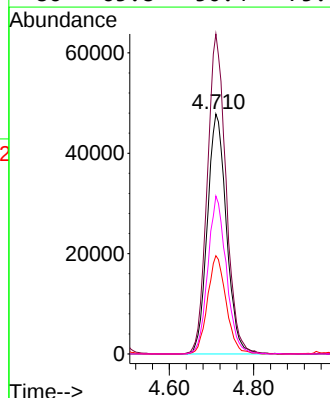
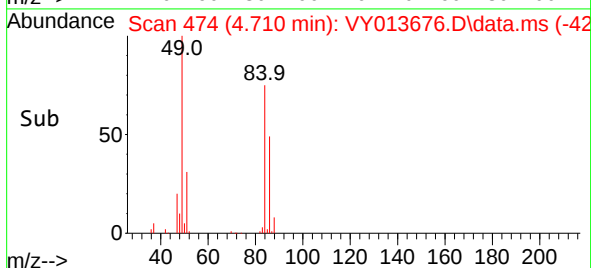
Reviewed By :Krupa Patel 05/10/2023
Supervised By :Mahesh Dadoda 05/10/2023

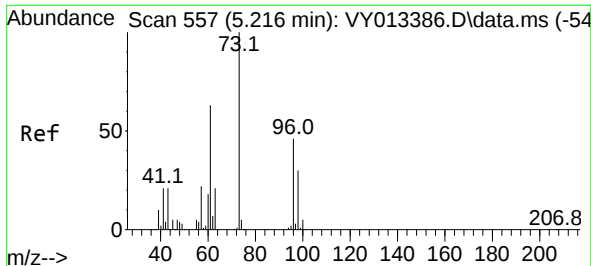


#20
Methylene Chloride
Concen: 49.102 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY013676.D
Acq: 09 May 2023 18:18



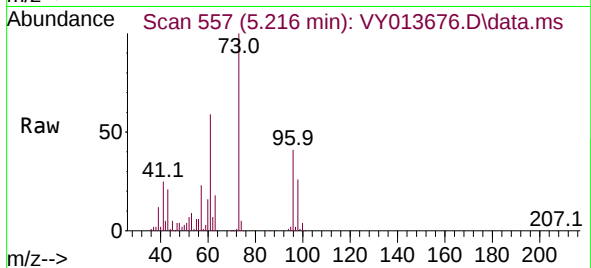
Tgt Ion: 84 Resp: 150268
Ion Ratio Lower Upper
84 100
49 133.3 88.0 132.0#
51 40.9 27.4 41.0
86 65.8 50.4 75.6





#21
trans-1,2-Dichloroethene
Concen: 50.307 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY013676.D
Acq: 09 May 2023 18:18

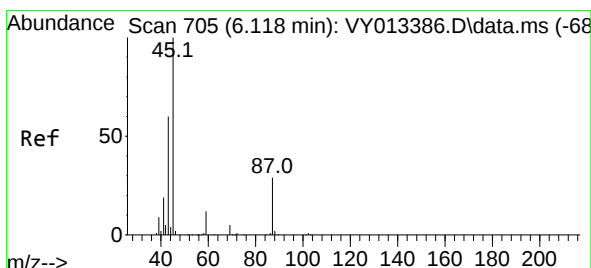
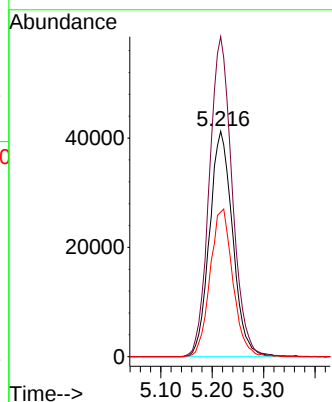
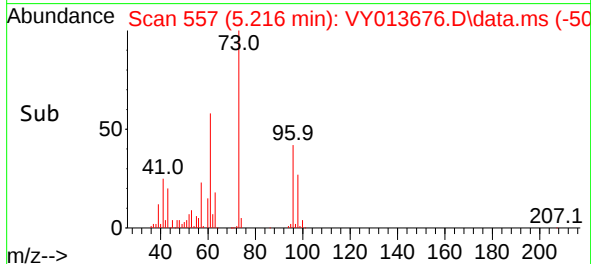
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 128974
Ion Ratio Lower Upper
96 100
61 141.9 110.6 165.8
98 64.2 53.1 79.7

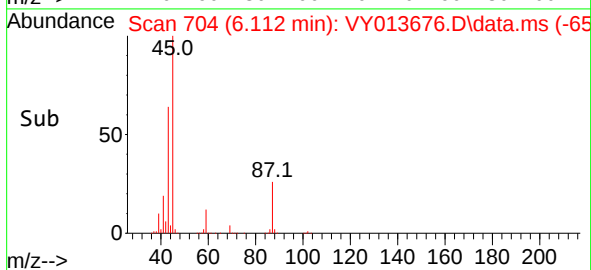
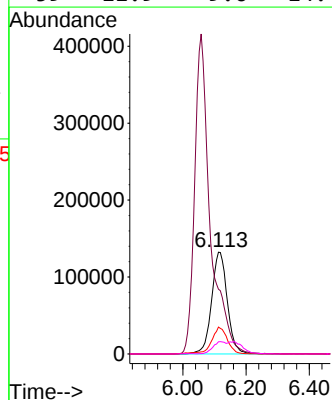
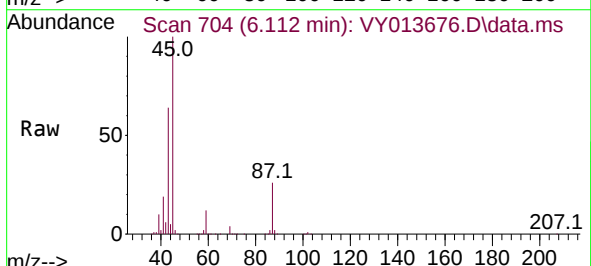
Manual Integrations
APPROVED

Reviewed By :Krupa Patel 05/10/2023
Supervised By :Mahesh Dadoda 05/10/2023



#22
Diisopropyl ether
Concen: 53.449 ug/l
RT: 6.112 min Scan# 704
Delta R.T. -0.006 min
Lab File: VY013676.D
Acq: 09 May 2023 18:18

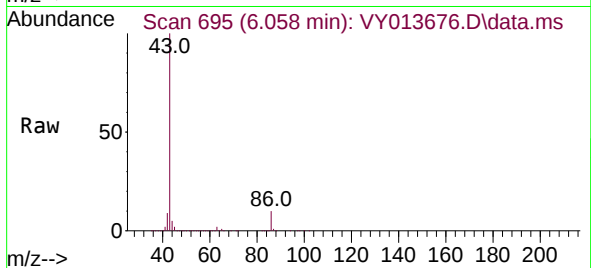
Tgt Ion: 45 Resp: 454526
Ion Ratio Lower Upper
45 100
43 63.4 48.4 72.6
87 26.4 23.8 35.6
59 11.9 9.6 14.4





#23
 Vinyl Acetate
 Concen: 294.946 ug/l
 RT: 6.058 min Scan# 61
 Delta R.T. 0.001 min
 Lab File: VY013676.D
 Acq: 09 May 2023 18:18

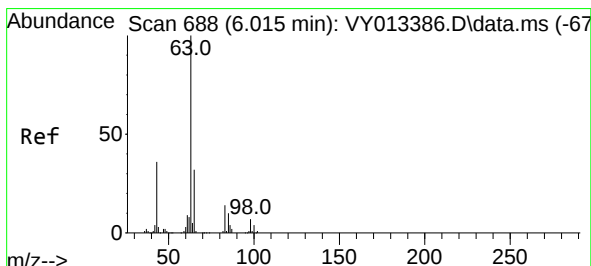
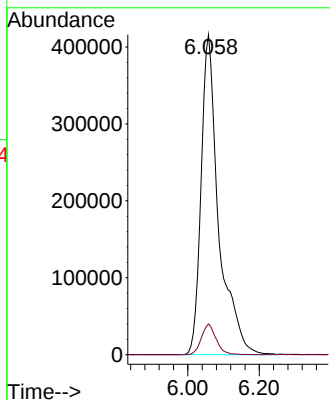
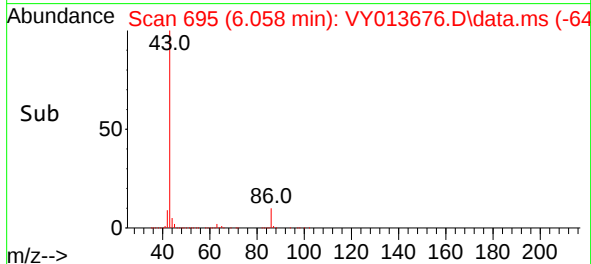
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 43 Resp: 142013
 Ion Ratio Lower Upper
 43 100
 86 9.6 8.5 12.7

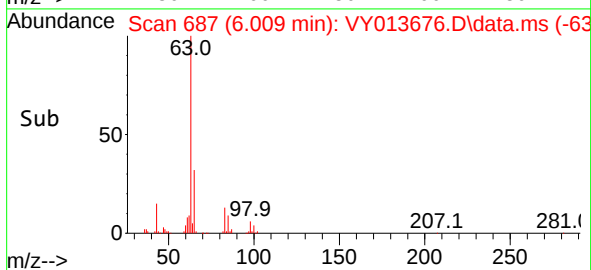
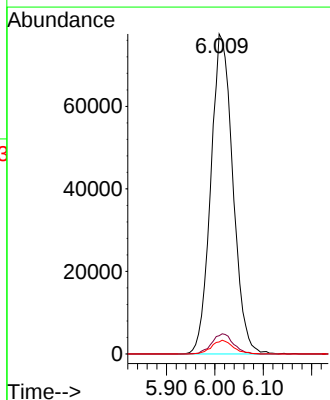
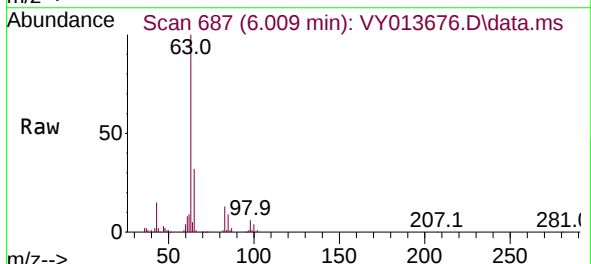
Manual Integrations
 APPROVED

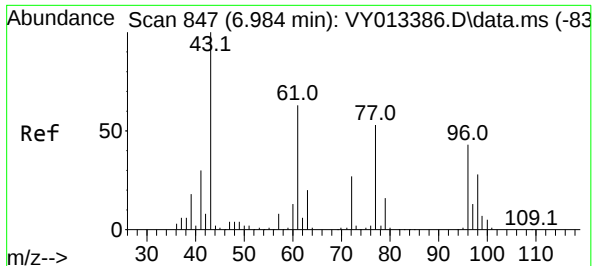
Reviewed By :Krupa Patel 05/10/2023
 Supervised By :Mahesh Dadoda 05/10/2023



#24
 1,1-Dichloroethane
 Concen: 51.797 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. -0.006 min
 Lab File: VY013676.D
 Acq: 09 May 2023 18:18

Tgt Ion: 63 Resp: 245495
 Ion Ratio Lower Upper
 63 100
 98 5.7 3.5 10.6
 100 3.8 2.2 6.6





#25

2-Butanone

Concen: 277.028 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY013676.D

Acq: 09 May 2023 18:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 34219

Ion Ratio Lower Upper

43 100

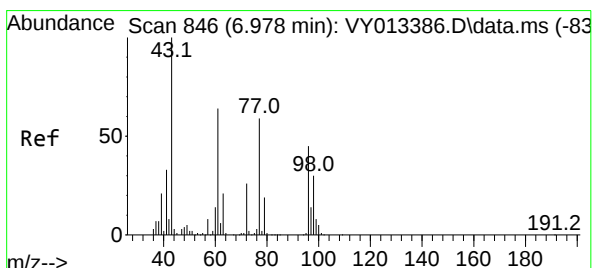
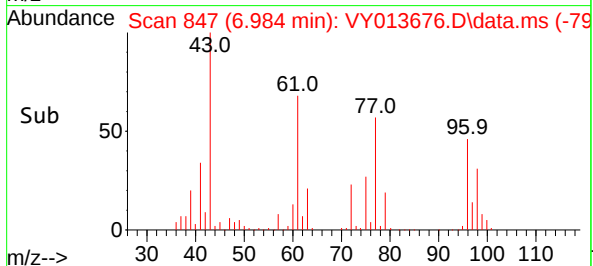
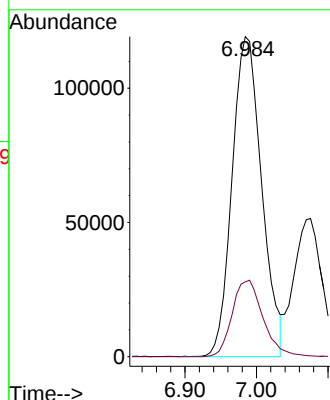
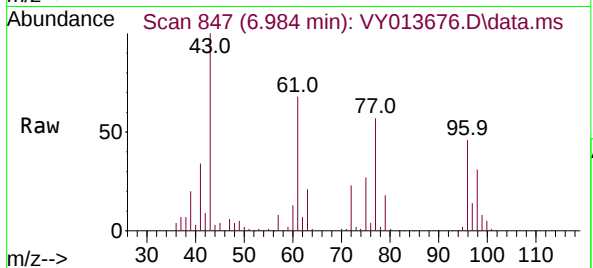
72 23.4 21.9 32.9

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 05/10/2023

Supervised By :Mahesh Dadoda 05/10/2023



#26

2,2-Dichloropropane

Concen: 53.929 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY013676.D

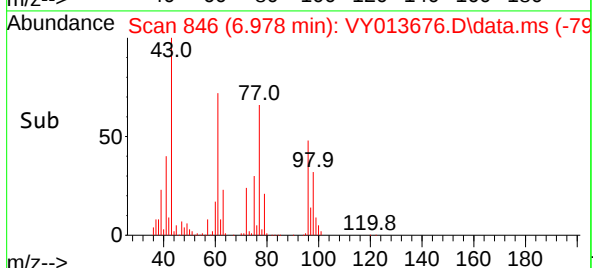
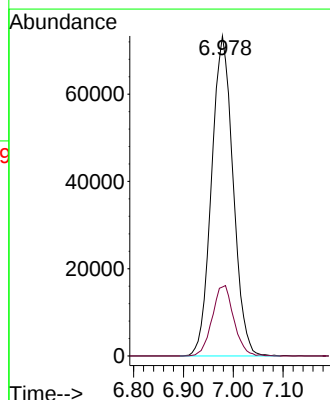
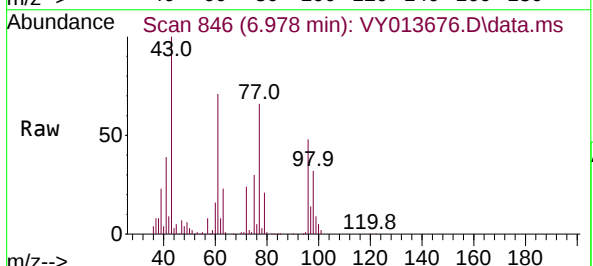
Acq: 09 May 2023 18:18

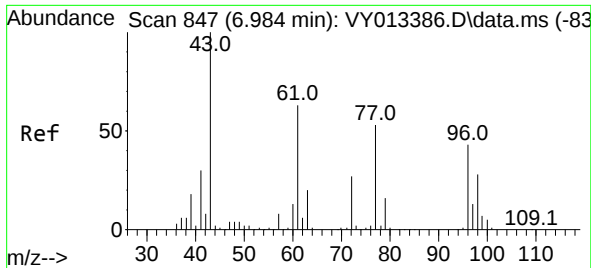
Tgt Ion: 77 Resp: 220248

Ion Ratio Lower Upper

77 100

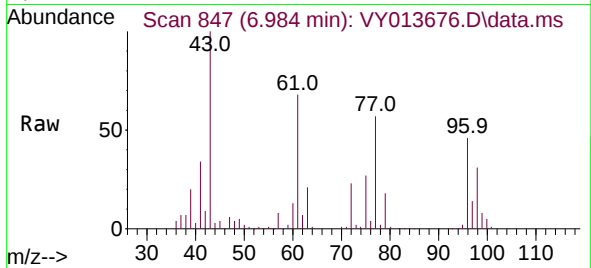
97 22.0 11.8 35.4





#27
 cis-1,2-Dichloroethene
 Concen: 53.424 ug/l
 RT: 6.984 min Scan# 847
 Delta R.T. 0.000 min
 Lab File: VY013676.D
 Acq: 09 May 2023 18:18

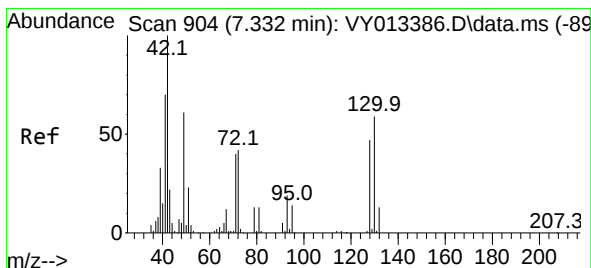
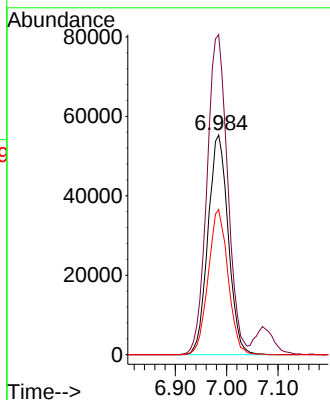
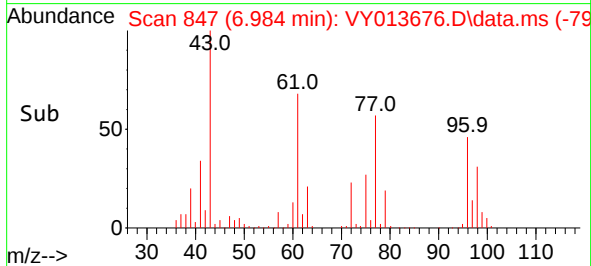
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 15133
 Ion Ratio Lower Upper
 96 100
 61 149.0 0.0 285.0
 98 64.9 0.0 130.6

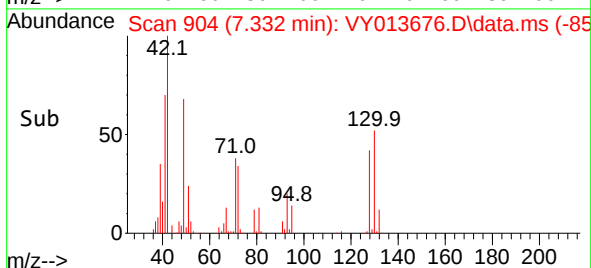
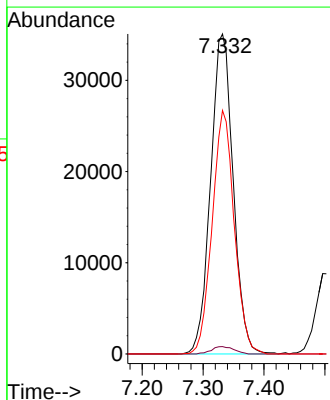
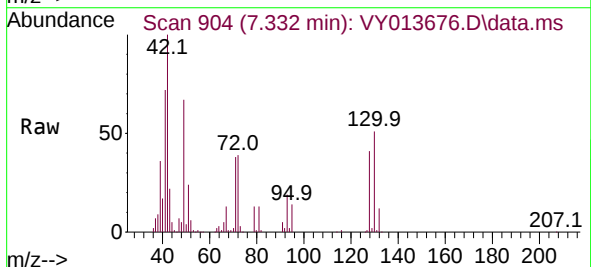
Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 05/10/2023
 Supervised By :Mahesh Dadoda 05/10/2023



#28
 Bromochloromethane
 Concen: 53.604 ug/l
 RT: 7.332 min Scan# 904
 Delta R.T. -0.000 min
 Lab File: VY013676.D
 Acq: 09 May 2023 18:18

Tgt Ion: 49 Resp: 90155
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 5.2
 130 74.6 72.1 108.1





#29

Tetrahydrofuran

Concen: 271.919 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY013676.D

Acq: 09 May 2023 18:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 20908

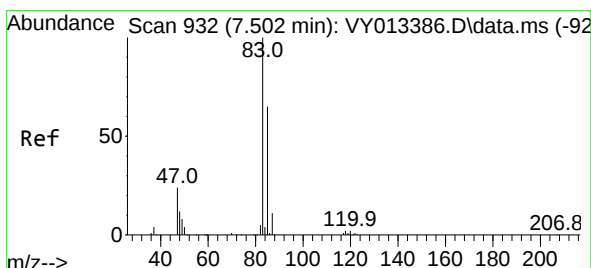
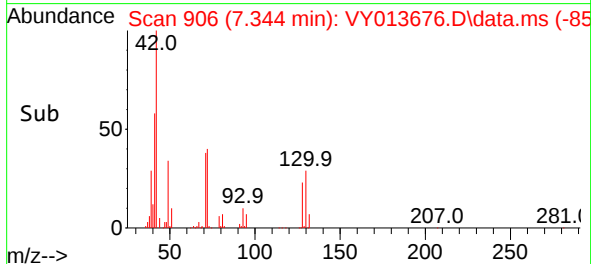
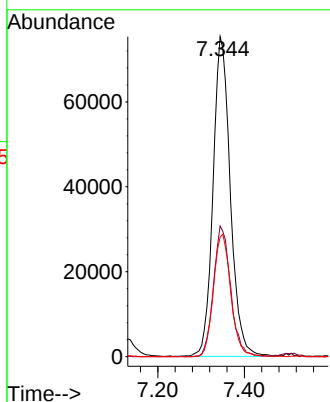
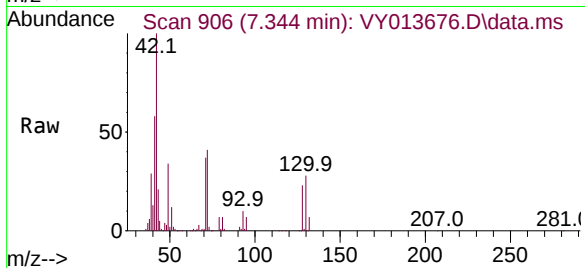
Ion	Ratio	Lower	Upper
42	100		
72	40.5	35.9	53.9
71	38.6	34.3	51.5

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 05/10/2023

Supervised By :Mahesh Dadoda 05/10/2023



#30

Chloroform

Concen: 56.052 ug/l

RT: 7.503 min Scan# 932

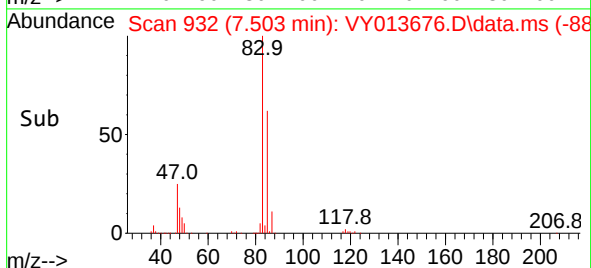
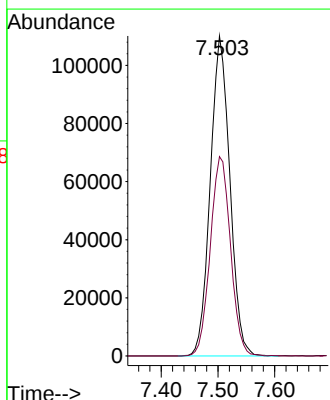
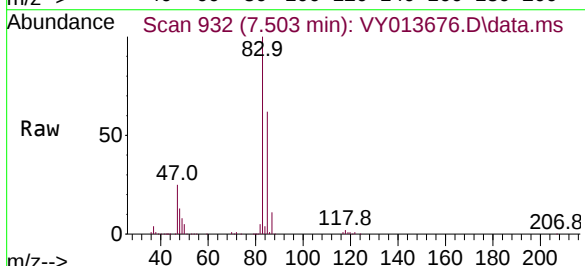
Delta R.T. 0.001 min

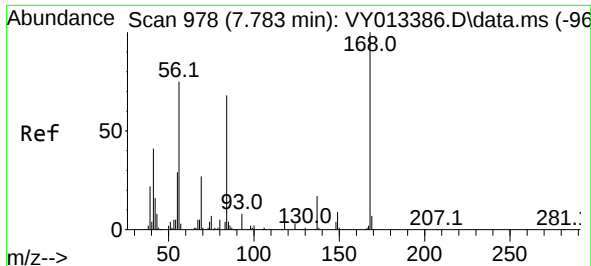
Lab File: VY013676.D

Acq: 09 May 2023 18:18

Tgt Ion: 83 Resp: 264132

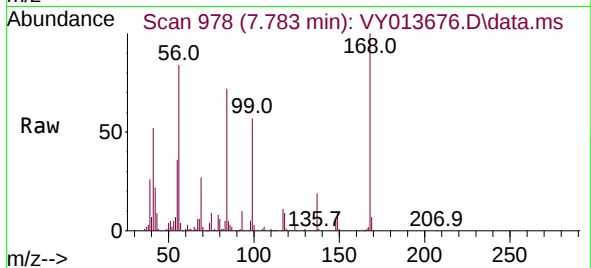
Ion	Ratio	Lower	Upper
83	100		
85	62.3	52.0	78.0





#31
Cyclohexane
Concen: 44.935 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013676.D
Acq: 09 May 2023 18:18

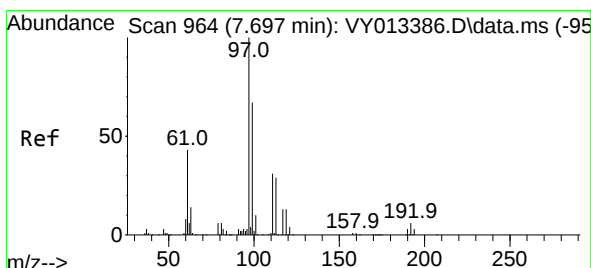
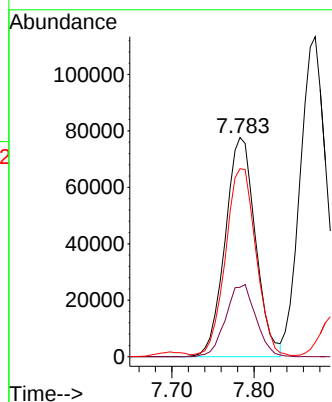
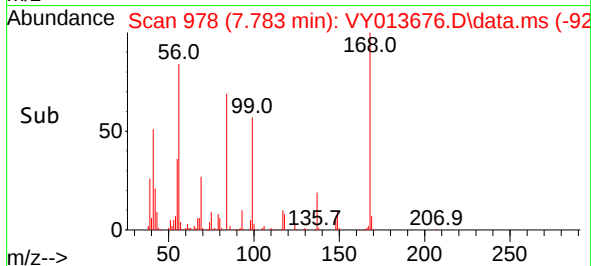
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 198979
Ion Ratio Lower Upper
56 100
69 31.7 29.2 43.8
84 84.0 73.0 109.6

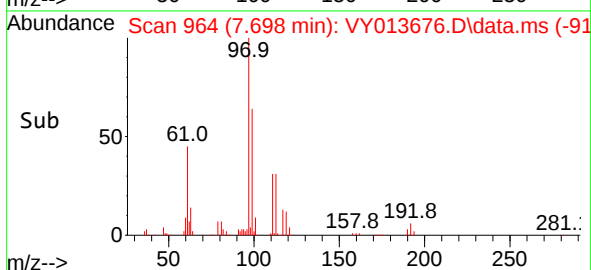
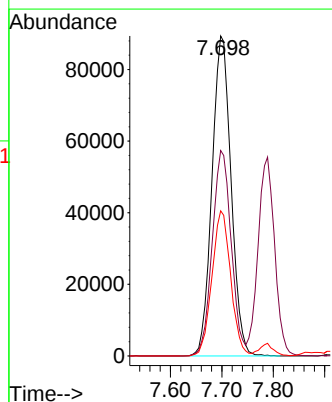
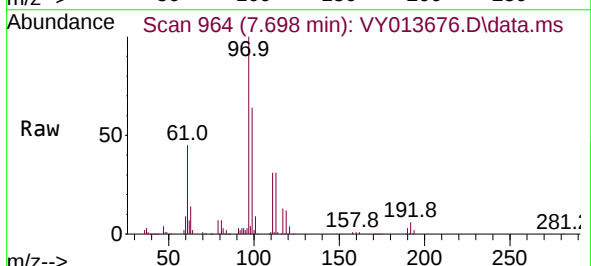
Manual Integrations
APPROVED

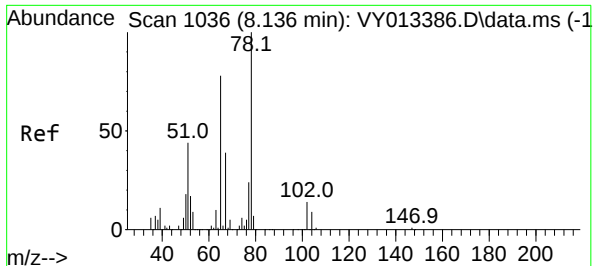
Reviewed By :Krupa Patel 05/10/2023
Supervised By :Mahesh Dadoda 05/10/2023



#32
1,1,1-Trichloroethane
Concen: 54.824 ug/l
RT: 7.698 min Scan# 964
Delta R.T. 0.001 min
Lab File: VY013676.D
Acq: 09 May 2023 18:18

Tgt Ion: 97 Resp: 230537
Ion Ratio Lower Upper
97 100
99 63.9 52.2 78.2
61 44.7 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 55.554 ug/l

RT: 8.137 min Scan# 1036

Delta R.T. 0.001 min

Lab File: VY013676.D

Acq: 09 May 2023 18:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 137399

Ion Ratio Lower Upper

65 100

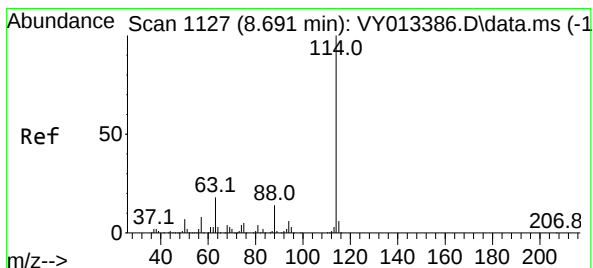
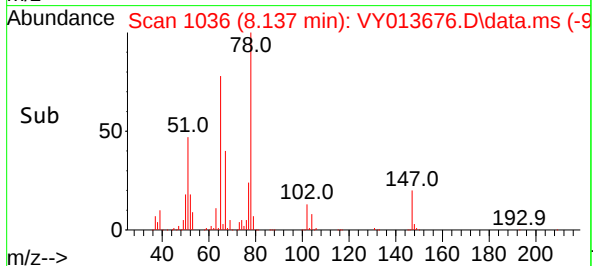
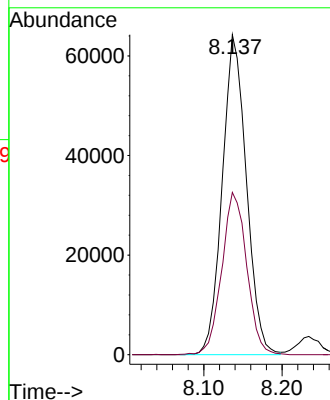
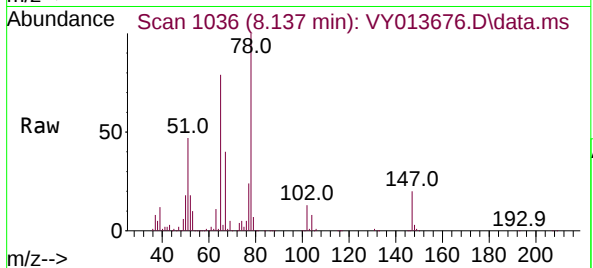
67 52.5 0.0 103.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 05/10/2023

Supervised By :Mahesh Dadoda 05/10/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY013676.D

Acq: 09 May 2023 18:18

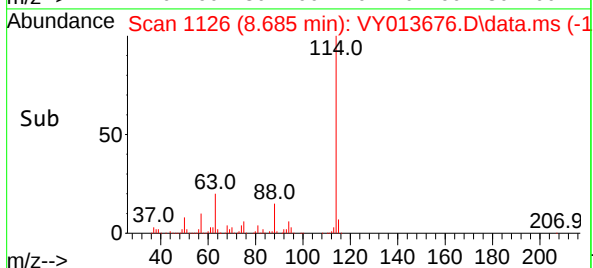
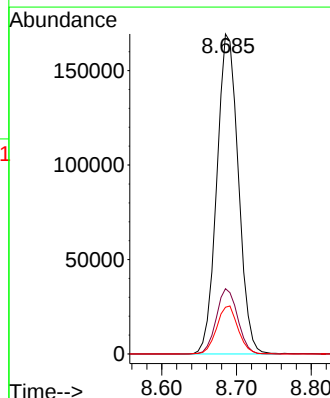
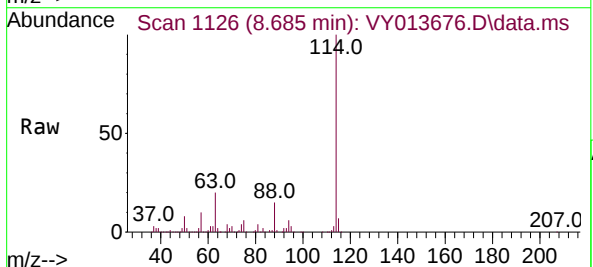
Tgt Ion:114 Resp: 339139

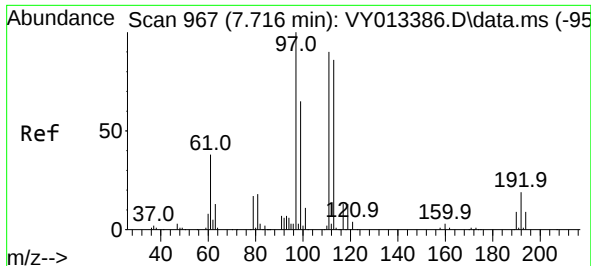
Ion Ratio Lower Upper

114 100

63 20.4 0.0 36.6

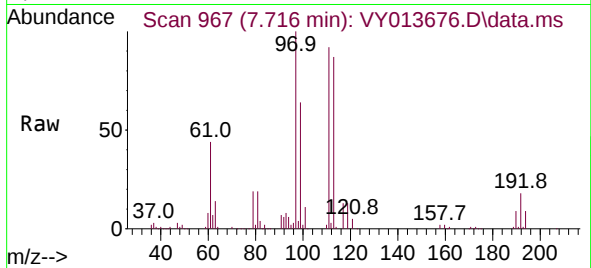
88 14.6 0.0 28.8





#35
Dibromofluoromethane
Concen: 55.493 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013676.D
Acq: 09 May 2023 18:18

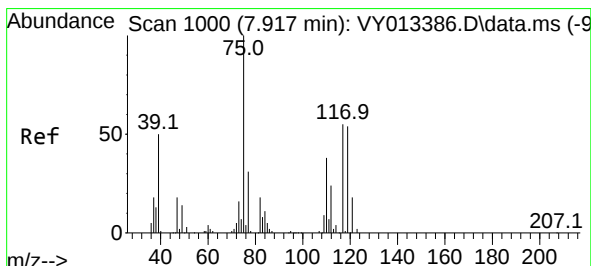
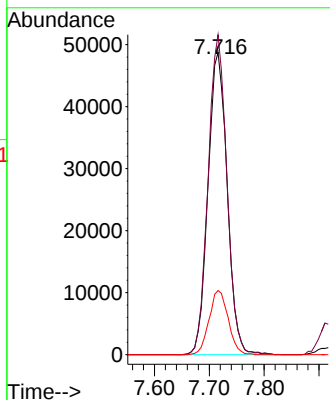
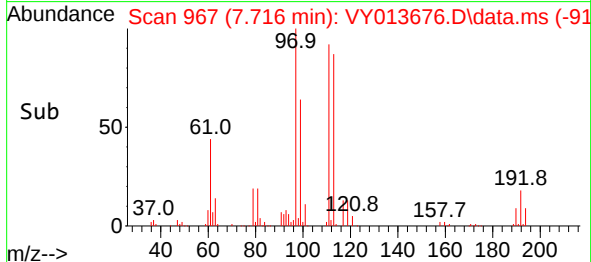
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



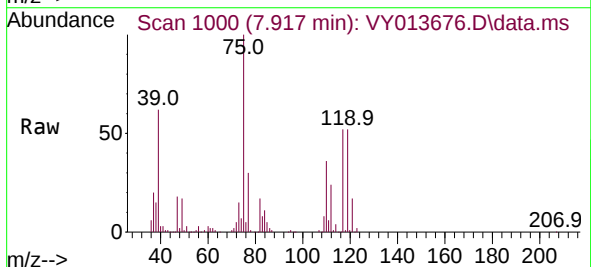
Tgt Ion: 113 Resp: 11836
Ion Ratio Lower Upper
113 100
111 103.9 82.2 123.2
192 21.1 16.7 25.1

Manual Integrations
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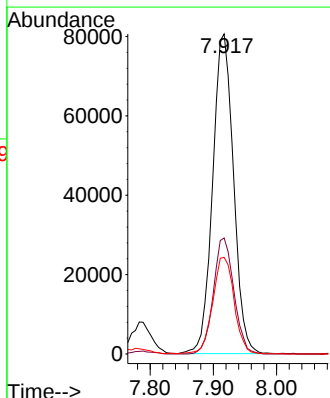
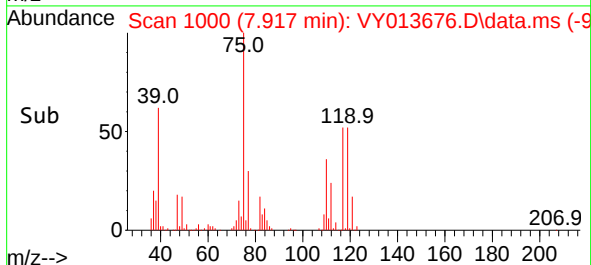
Reviewed By :Krupa Patel 05/10/2023
Supervised By :Mahesh Dadoda 05/10/2023

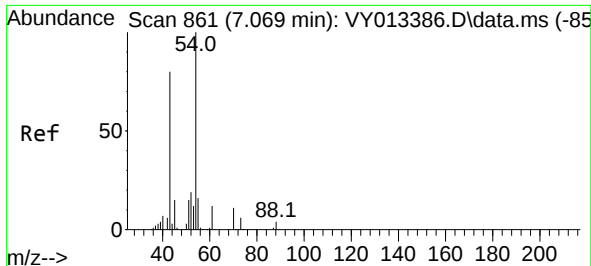


#36
1,1-Dichloropropene
Concen: 52.016 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY013676.D
Acq: 09 May 2023 18:18



Tgt Ion: 75 Resp: 184138
Ion Ratio Lower Upper
75 100
110 35.6 18.7 56.1
77 31.2 24.6 37.0





#37

Ethyl Acetate

Concen: 56.018 ug/l

RT: 7.076 min Scan# 80

Delta R.T. 0.007 min

Lab File: VY013676.D

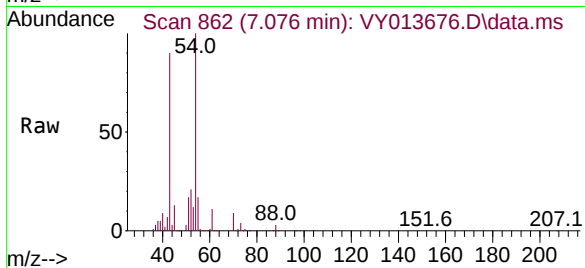
Acq: 09 May 2023 18:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 43 Resp: 14923

Ion Ratio Lower Upper

43 100

61 12.1 11.4 17.0

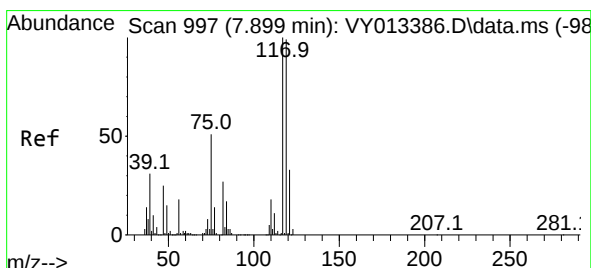
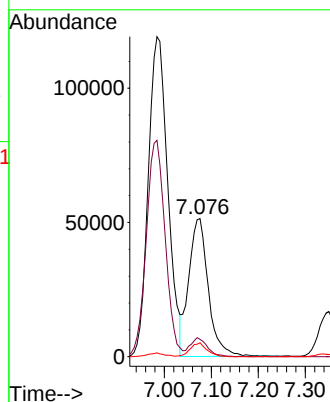
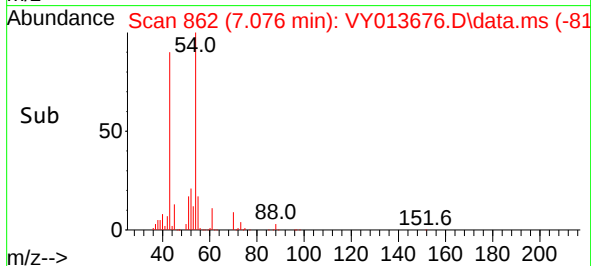
70 8.6 7.9 11.9

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 05/10/2023

Supervised By :Mahesh Dadoda 05/10/2023



#38

Carbon Tetrachloride

Concen: 56.522 ug/l

RT: 7.899 min Scan# 997

Delta R.T. -0.000 min

Lab File: VY013676.D

Acq: 09 May 2023 18:18

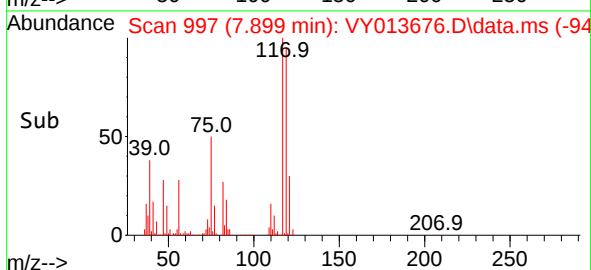
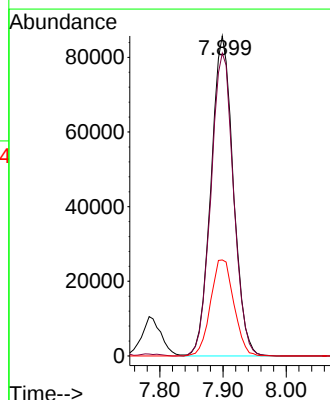
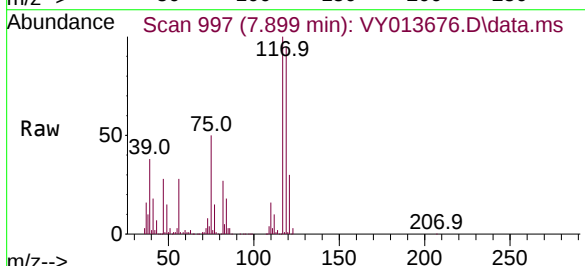
Tgt Ion:117 Resp: 209719

Ion Ratio Lower Upper

117 100

119 94.6 79.0 118.6

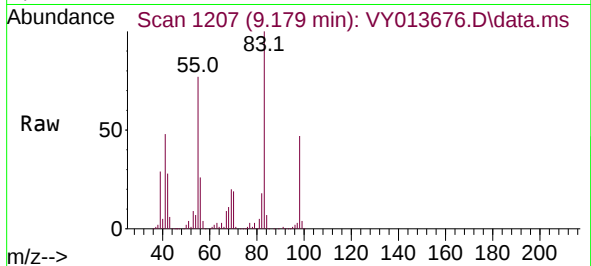
121 30.0 26.6 40.0





#39
Methylcyclohexane
Concen: 50.479 ug/l
RT: 9.179 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013676.D
Acq: 09 May 2023 18:18

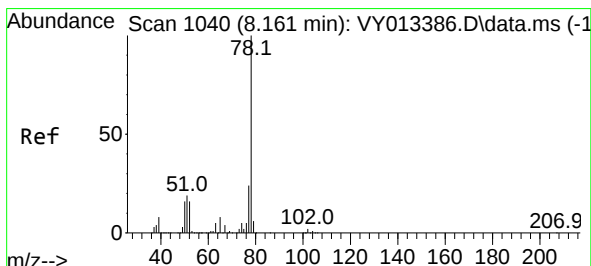
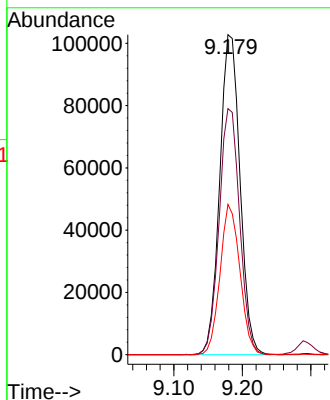
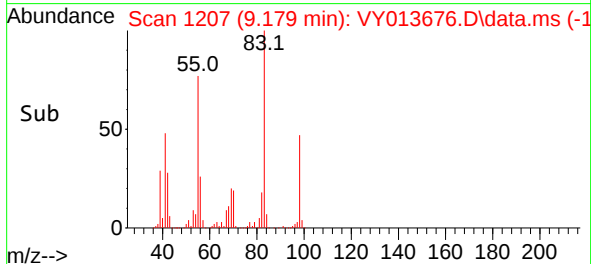
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 21066
Ion Ratio Lower Upper
83 100
55 76.9 59.0 88.4
98 47.0 37.0 55.4

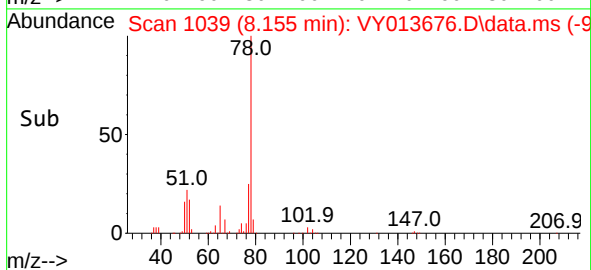
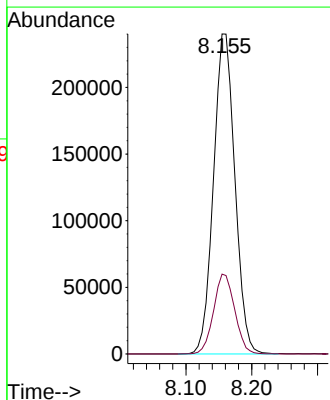
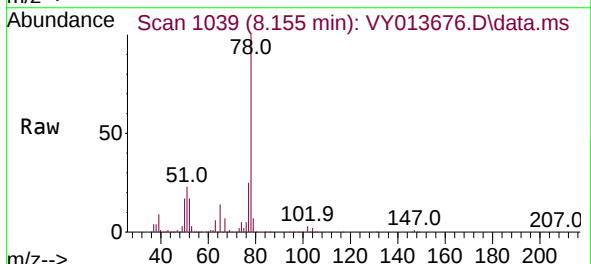
Manual Integrations
APPROVED

Reviewed By :Krupa Patel 05/10/2023
Supervised By :Mahesh Dadoda 05/10/2023



#40
Benzene
Concen: 54.562 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. -0.006 min
Lab File: VY013676.D
Acq: 09 May 2023 18:18

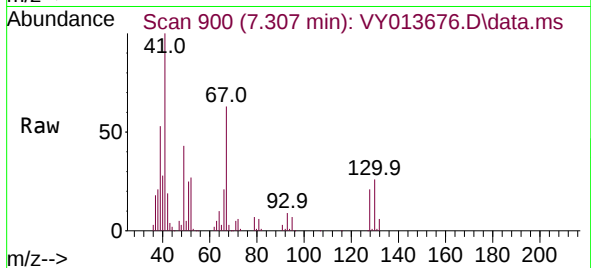
Tgt Ion: 78 Resp: 544089
Ion Ratio Lower Upper
78 100
77 25.0 19.2 28.8





#41
Methacrylonitrile
Concen: 59.987 ug/l
RT: 7.307 min Scan# 900
Delta R.T. 0.000 min
Lab File: VY013676.D
Acq: 09 May 2023 18:18

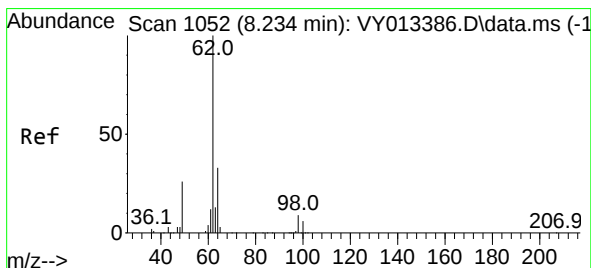
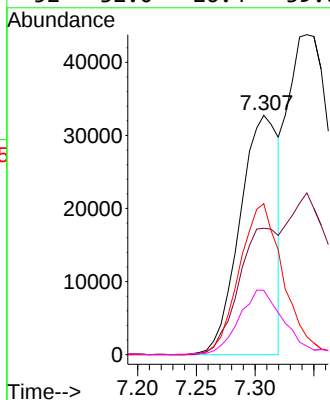
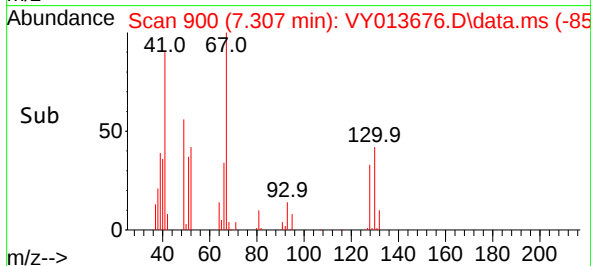
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion	Ratio	Lower	Upper
41	100		
39	54.9	44.2	66.4
67	73.0	62.9	94.3
52	32.0	26.4	39.6

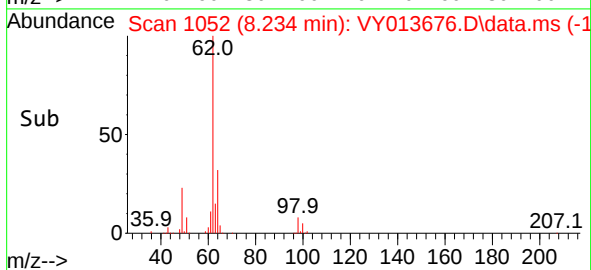
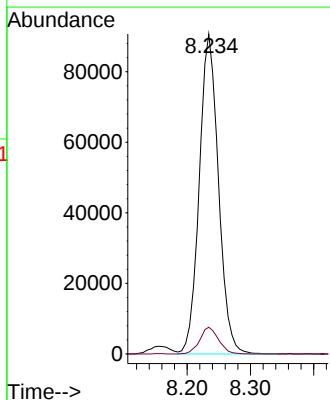
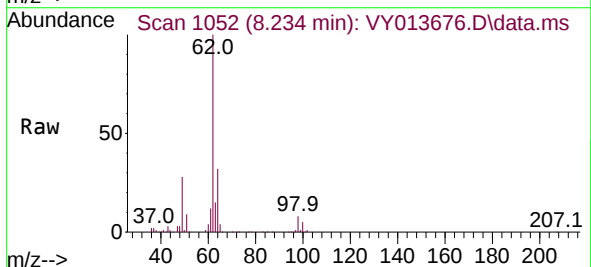
Manual Integrations
APPROVED

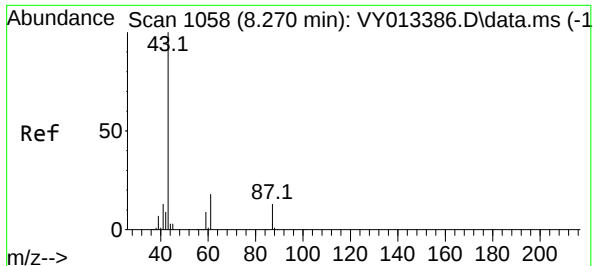
Reviewed By :Krupa Patel 05/10/2023
Supervised By :Mahesh Dadoda 05/10/2023



#42
1,2-Dichloroethane
Concen: 58.770 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY013676.D
Acq: 09 May 2023 18:18

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.2	0.0	17.8





#43

Isopropyl Acetate

Concen: 55.291 ug/l

RT: 8.271 min Scan# 1058

Delta R.T. 0.001 min

Lab File: VY013676.D

Acq: 09 May 2023 18:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

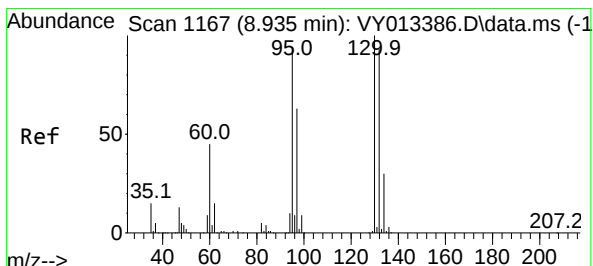
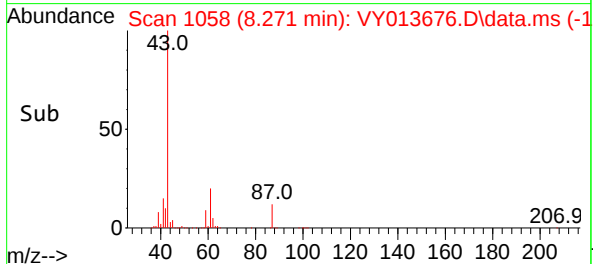
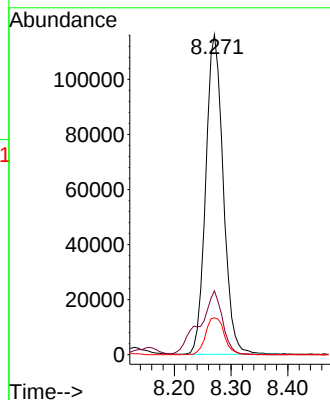
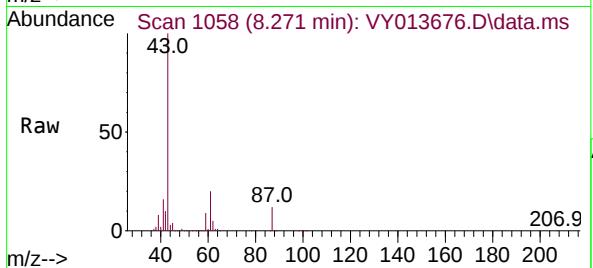
Tgt Ion:	43	Resp:	24862
Ion	Ratio	Lower	Upper
43	100		
61	26.4	22.2	33.4
87	12.3	11.0	16.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 05/10/2023

Supervised By :Mahesh Dadoda 05/10/2023



#44

Trichloroethene

Concen: 54.519 ug/l

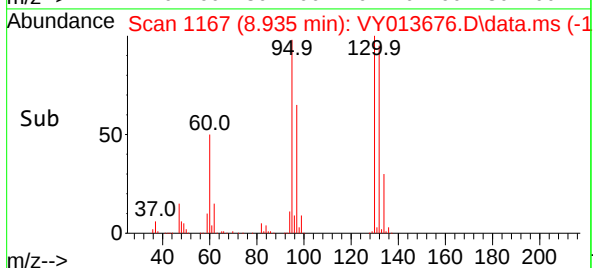
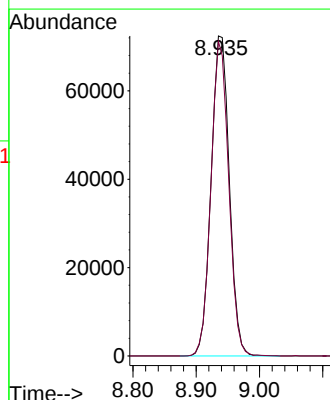
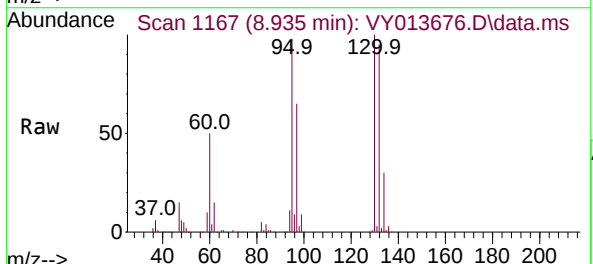
RT: 8.935 min Scan# 1167

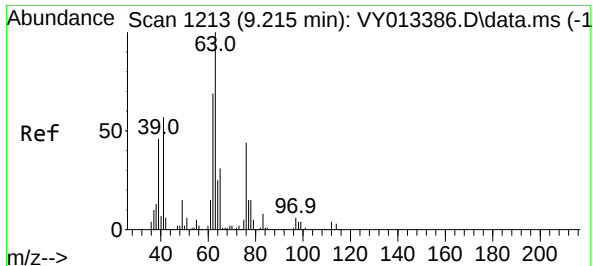
Delta R.T. 0.000 min

Lab File: VY013676.D

Acq: 09 May 2023 18:18

Tgt Ion:	130	Resp:	144613
Ion	Ratio	Lower	Upper
130	100		
95	98.3	0.0	188.8





#45

1,2-Dichloropropane

Concen: 55.974 ug/l

RT: 9.216 min Scan# 11

Delta R.T. 0.001 min

Lab File: VY013676.D

Acq: 09 May 2023 18:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 14594

Ion Ratio Lower Upper

63 100

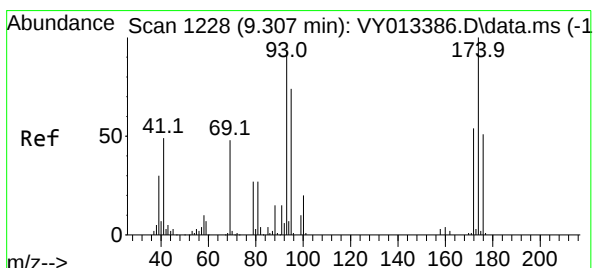
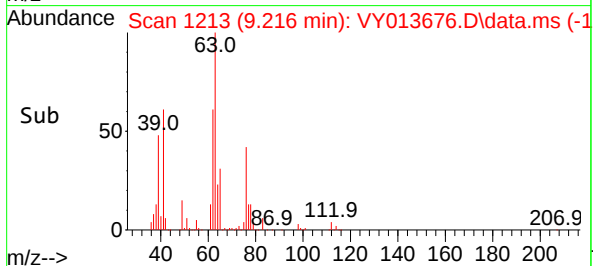
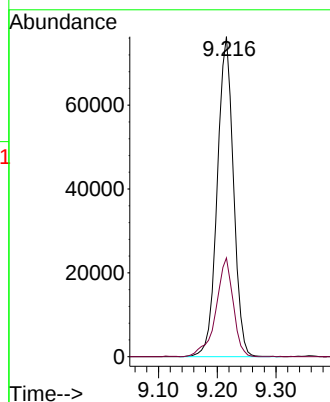
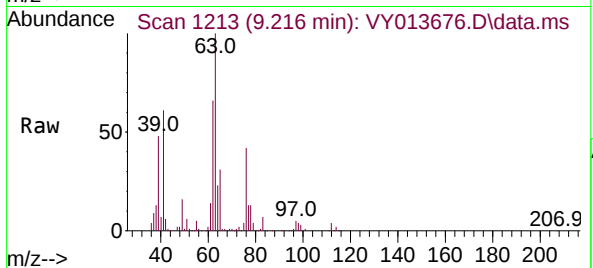
65 30.9 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 05/10/2023

Supervised By :Mahesh Dadoda 05/10/2023



#46

Dibromomethane

Concen: 56.227 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.006 min

Lab File: VY013676.D

Acq: 09 May 2023 18:18

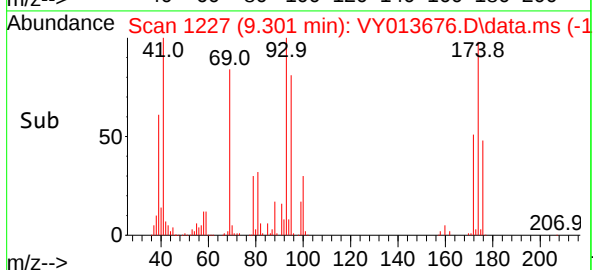
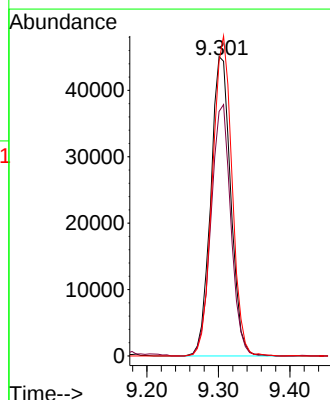
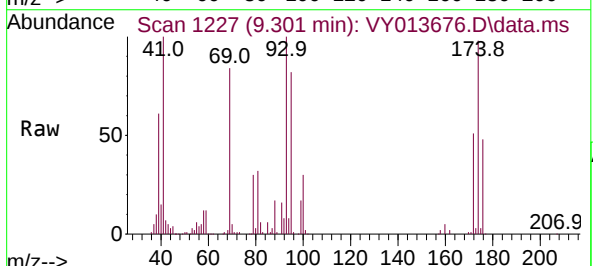
Tgt Ion: 93 Resp: 87717

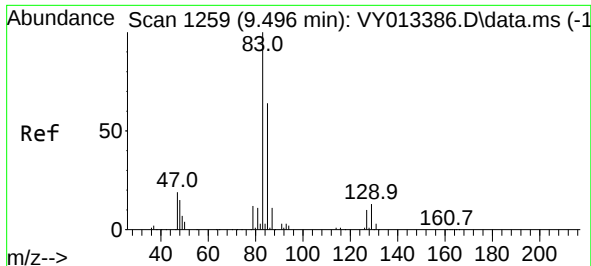
Ion Ratio Lower Upper

93 100

95 82.9 67.1 100.7

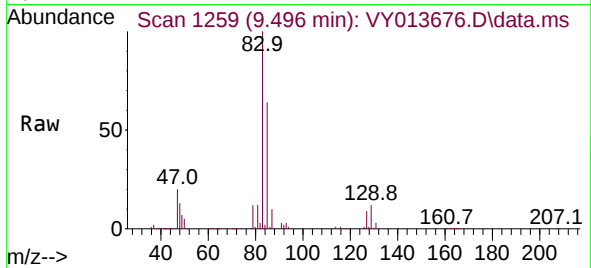
174 104.4 87.0 130.4





#47
Bromodichloromethane
Concen: 58.539 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY013676.D
Acq: 09 May 2023 18:18

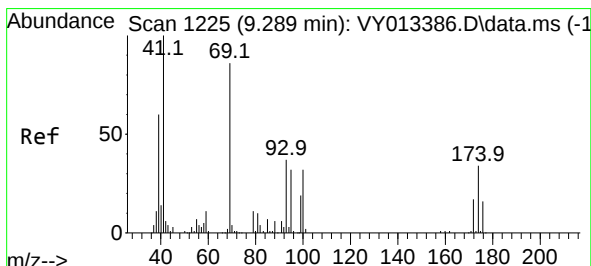
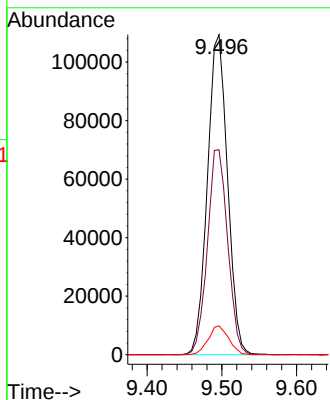
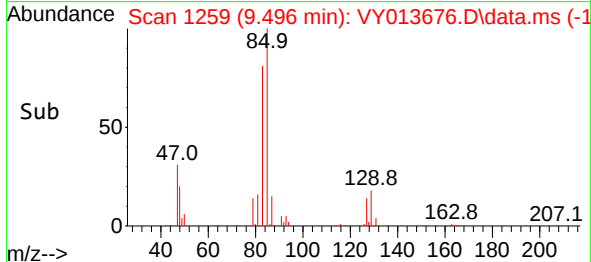
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 204349
Ion Ratio Lower Upper
83 100
85 64.1 51.4 77.2
127 9.0 8.1 12.1

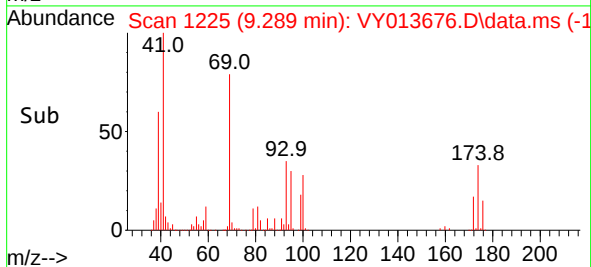
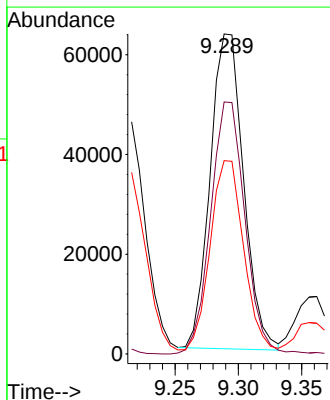
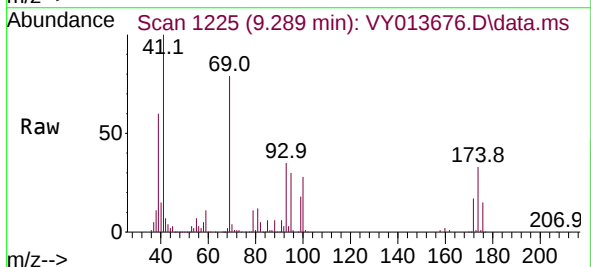
Manual Integrations
APPROVED

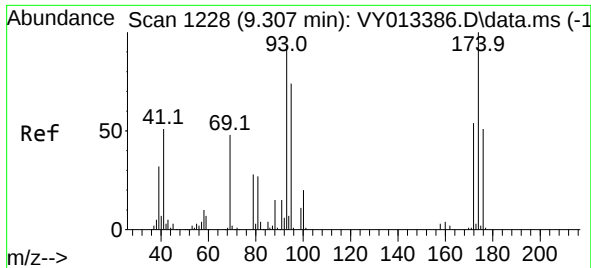
Reviewed By :Krupa Patel 05/10/2023
Supervised By :Mahesh Dadoda 05/10/2023



#48
Methyl methacrylate
Concen: 55.989 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY013676.D
Acq: 09 May 2023 18:18

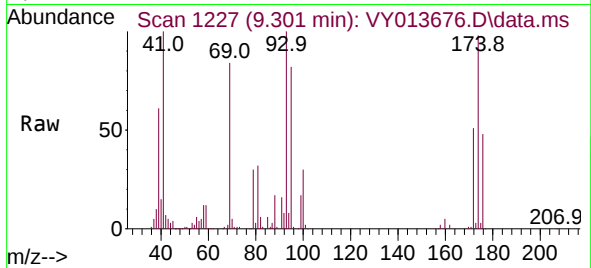
Tgt Ion: 41 Resp: 115625
Ion Ratio Lower Upper
41 100
69 82.7 70.2 105.4
39 60.3 47.9 71.9





#49
1,4-Dioxane
Concen: 1174.196 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. -0.006 min
Lab File: VY013676.D
Acq: 09 May 2023 18:18

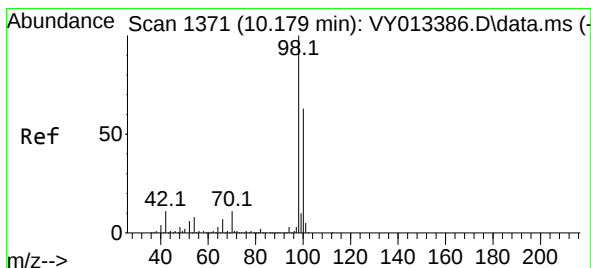
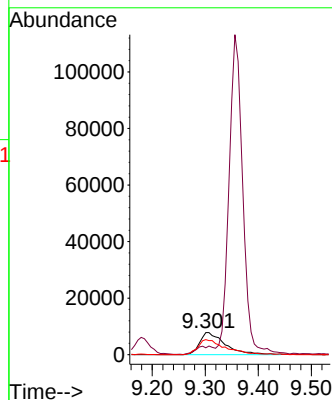
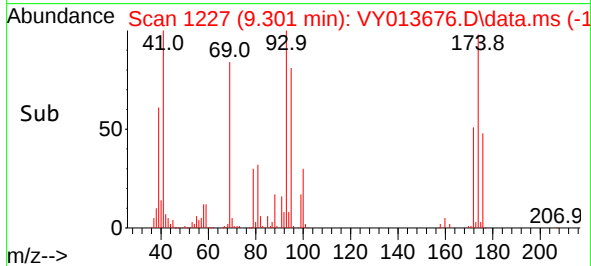
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 88 Resp: 26162
Ion Ratio Lower Upper
88 100
43 0.0 16.8 25.2
58 73.7 54.3 81.5

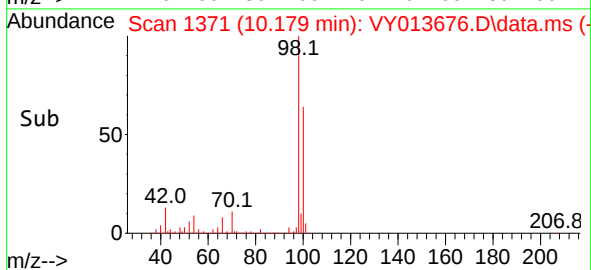
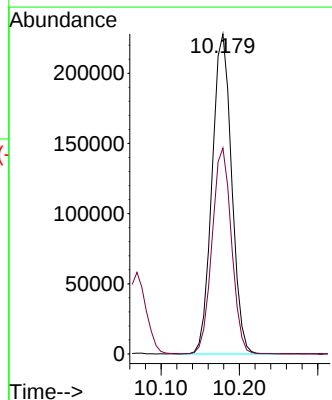
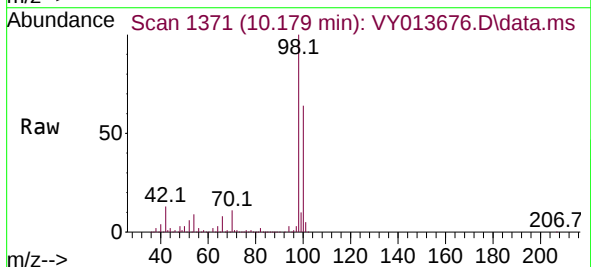
Manual Integrations
APPROVED

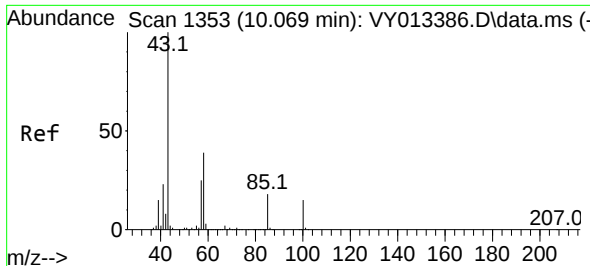
Reviewed By :Krupa Patel 05/10/2023
Supervised By :Mahesh Dadoda 05/10/2023



#50
Toluene-d8
Concen: 52.147 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY013676.D
Acq: 09 May 2023 18:18

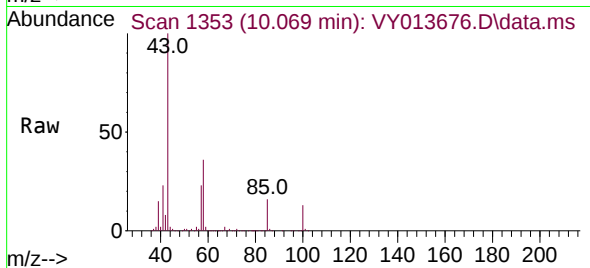
Tgt Ion: 98 Resp: 395695
Ion Ratio Lower Upper
98 100
100 63.8 50.5 75.7





#51
4-Methyl-2-Pentanone
Concen: 293.436 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY013676.D
Acq: 09 May 2023 18:18

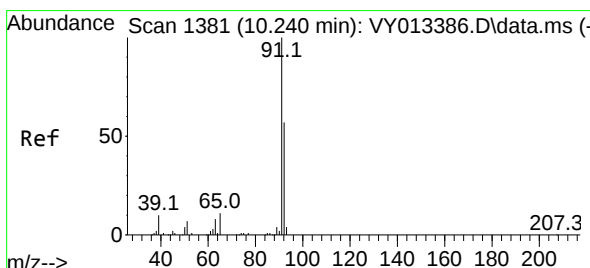
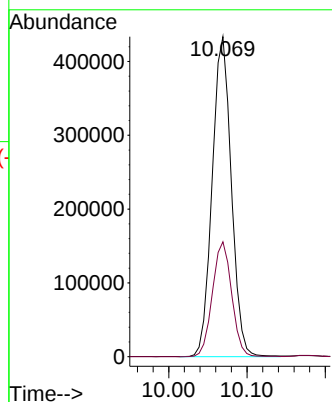
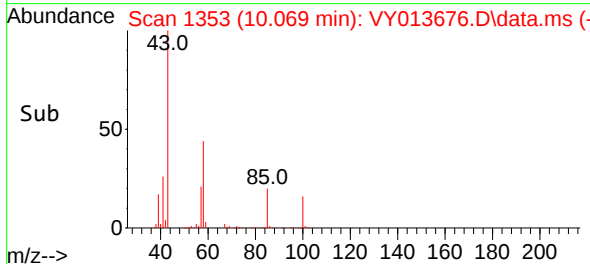
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



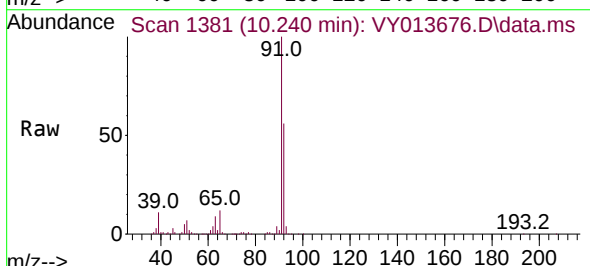
Tgt Ion: 43 Resp: 73526
Ion Ratio Lower Upper
43 100
58 36.2 30.6 46.0

Manual Integrations
APPROVED

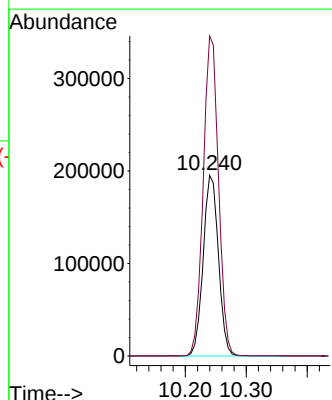
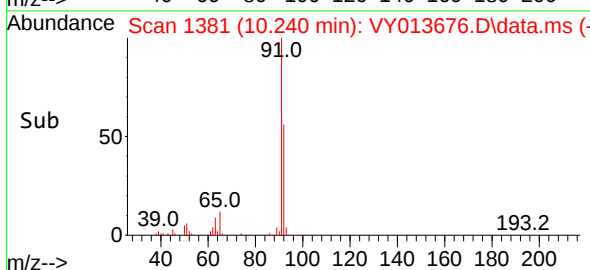
Reviewed By :Krupa Patel 05/10/2023
Supervised By :Mahesh Dadoda 05/10/2023

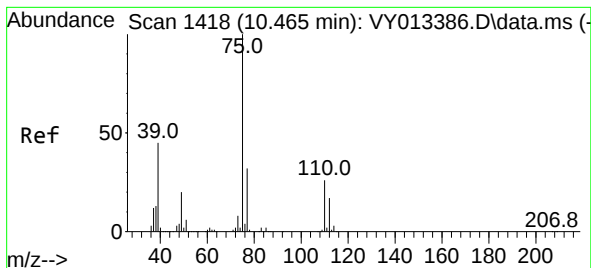


#52
Toluene
Concen: 56.601 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY013676.D
Acq: 09 May 2023 18:18



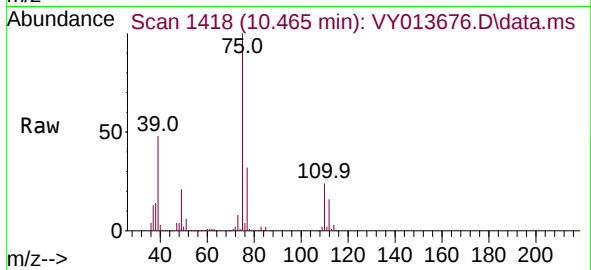
Tgt Ion: 92 Resp: 339650
Ion Ratio Lower Upper
92 100
91 177.6 140.2 210.4





#53
t-1,3-Dichloropropene
Concen: 57.669 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY013676.D
Acq: 09 May 2023 18:18

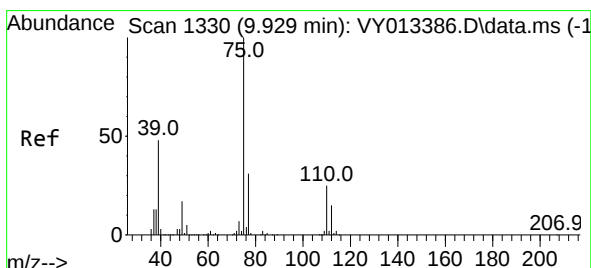
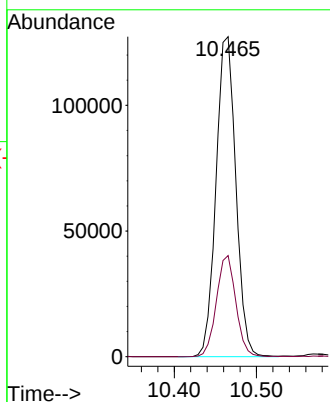
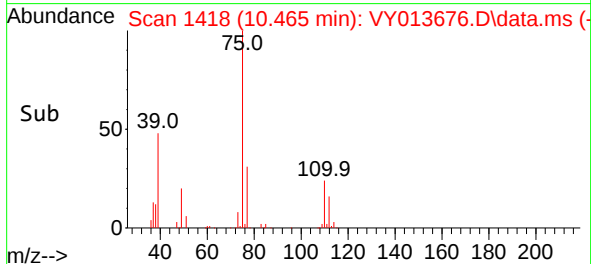
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



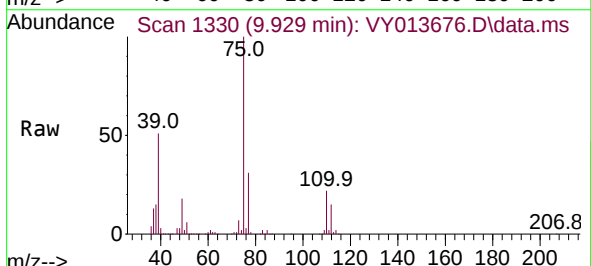
Tgt Ion: 75 Resp: 213058
Ion Ratio Lower Upper
75 100
77 31.6 25.8 38.8

Manual Integrations
APPROVED

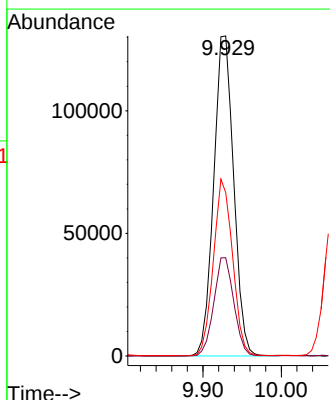
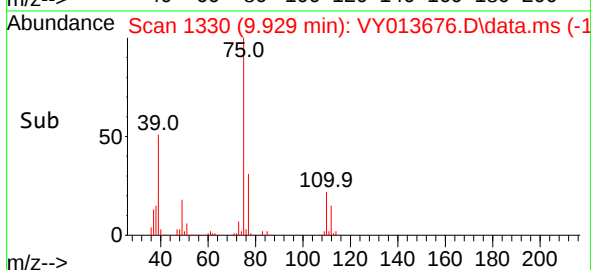
Reviewed By :Krupa Patel 05/10/2023
Supervised By :Mahesh Dadoda 05/10/2023

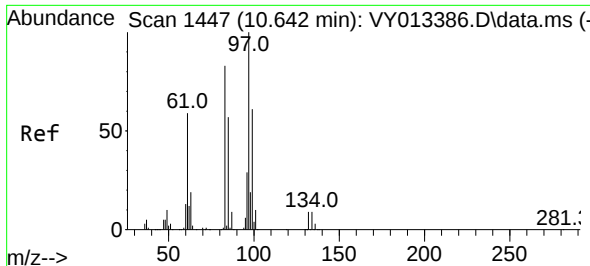


#54
cis-1,3-Dichloropropene
Concen: 55.753 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.000 min
Lab File: VY013676.D
Acq: 09 May 2023 18:18



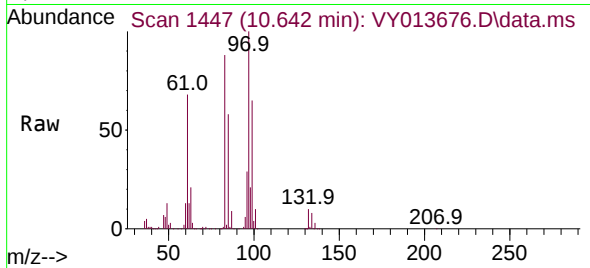
Tgt Ion: 75 Resp: 231773
Ion Ratio Lower Upper
75 100
77 30.7 24.8 37.2
39 51.0 38.1 57.1





#55
1,1,2-Trichloroethane
Concen: 57.200 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY013676.D
Acq: 09 May 2023 18:18

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

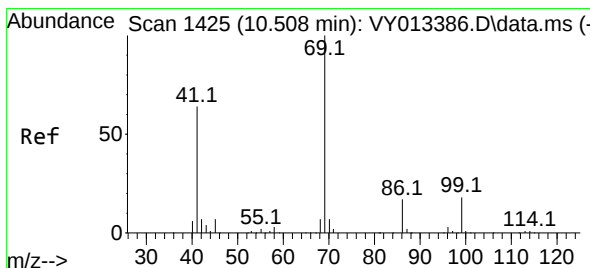
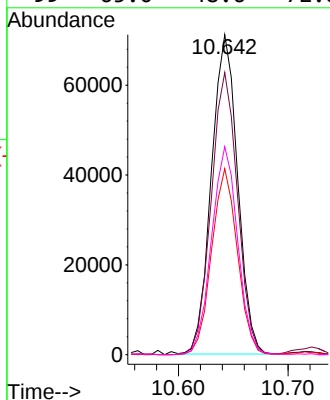
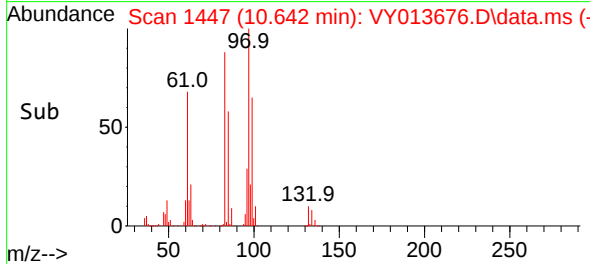


Tgt Ion: 97 Resp: 11817

Ion	Ratio	Lower	Upper
97	100		
83	88.2	66.4	99.6
85	58.1	45.6	68.4
99	65.0	48.6	72.8

Manual Integrations
APPROVED

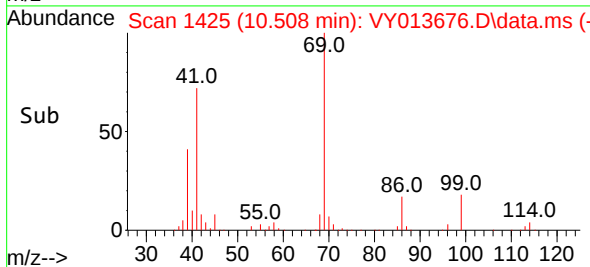
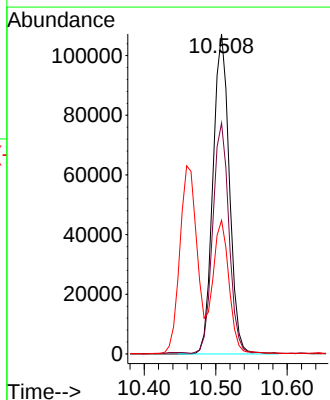
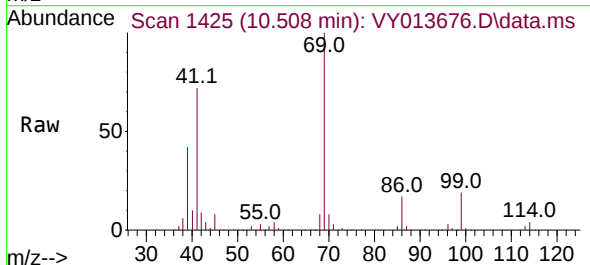
Reviewed By :Krupa Patel 05/10/2023
Supervised By :Mahesh Dadoda 05/10/2023

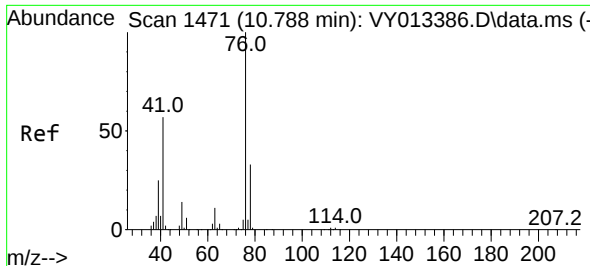


#56
Ethyl methacrylate
Concen: 59.455 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY013676.D
Acq: 09 May 2023 18:18

Tgt Ion: 69 Resp: 170409

Ion	Ratio	Lower	Upper
69	100		
41	71.5	51.4	77.0
39	41.4	29.0	43.6





#57

1,3-Dichloropropane

Concen: 58.355 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY013676.D

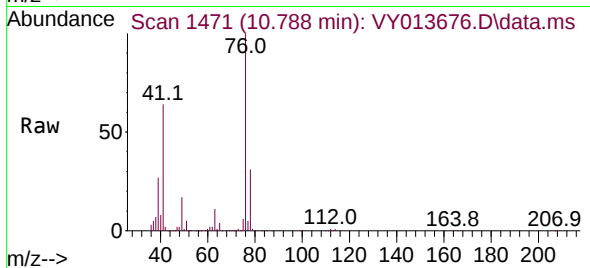
Acq: 09 May 2023 18:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 76 Resp: 204179

Ion Ratio Lower Upper

76 100

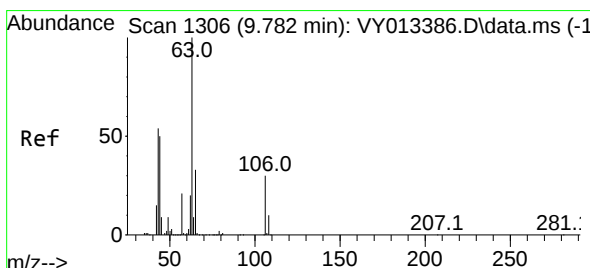
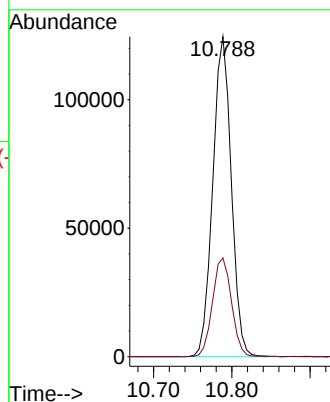
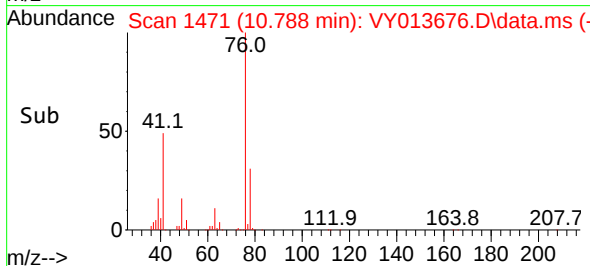
78 31.7 26.5 39.7

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 05/10/2023

Supervised By :Mahesh Dadoda 05/10/2023



#58

2-Chloroethyl Vinyl ether

Concen: 271.565 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. 0.001 min

Lab File: VY013676.D

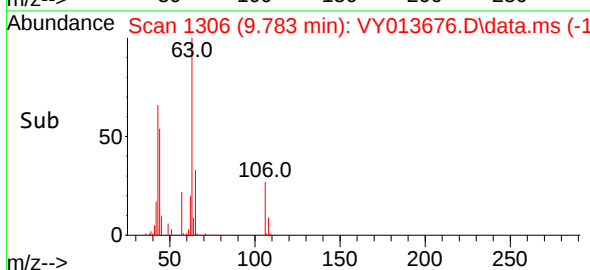
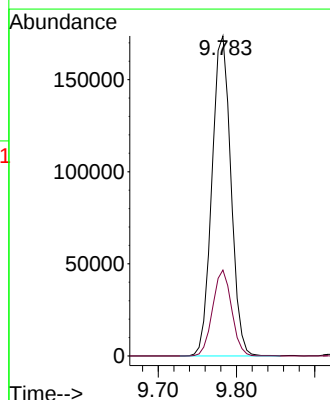
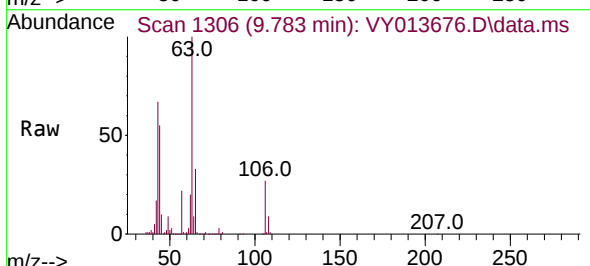
Acq: 09 May 2023 18:18

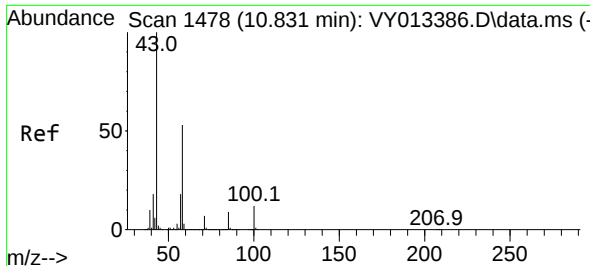
Tgt Ion: 63 Resp: 291874

Ion Ratio Lower Upper

63 100

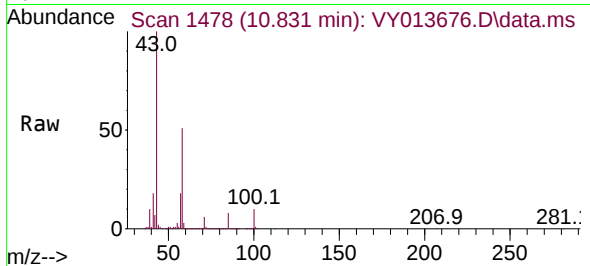
106 26.8 23.5 35.3





#59
2-Hexanone
Concen: 294.693 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY013676.D
Acq: 09 May 2023 18:18

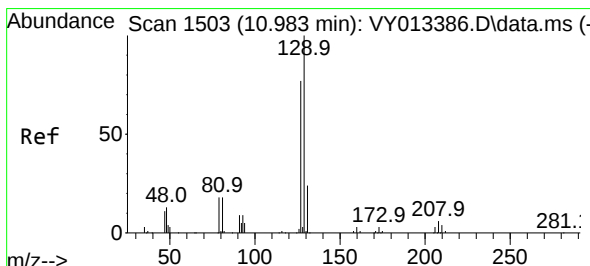
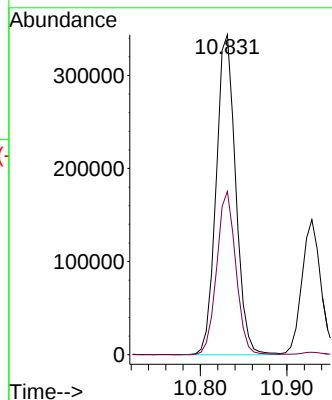
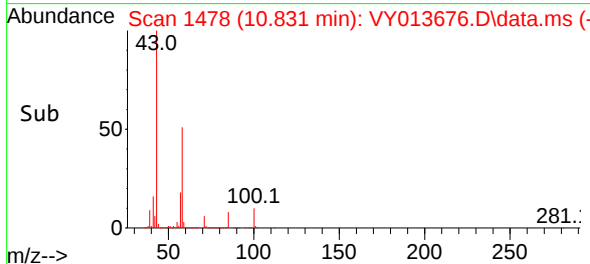
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



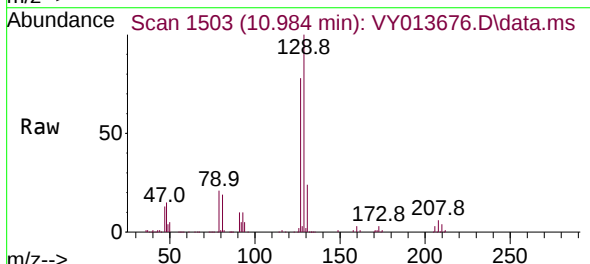
Tgt Ion: 43 Resp: 536760
Ion Ratio Lower Upper
43 100
58 50.1 26.3 78.8

Manual Integrations
APPROVED

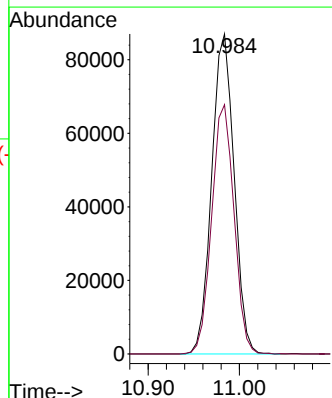
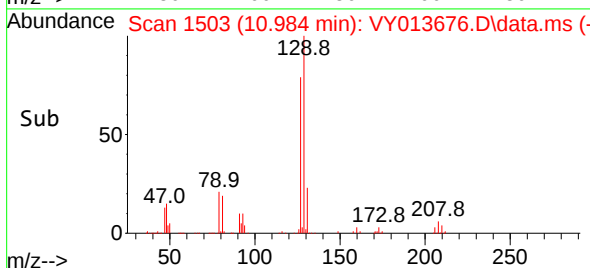
Reviewed By :Krupa Patel 05/10/2023
Supervised By :Mahesh Dadoda 05/10/2023

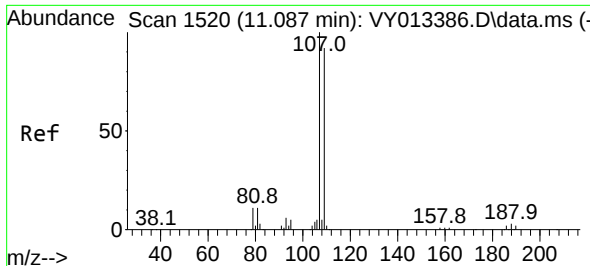


#60
Dibromochloromethane
Concen: 59.161 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.001 min
Lab File: VY013676.D
Acq: 09 May 2023 18:18



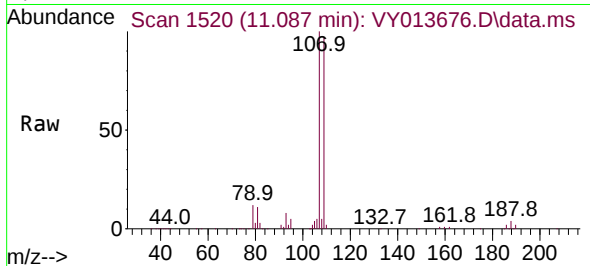
Tgt Ion:129 Resp: 148409
Ion Ratio Lower Upper
129 100
127 77.7 38.7 116.1





#61
1,2-Dibromoethane
Concen: 56.685 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY013676.D
Acq: 09 May 2023 18:18

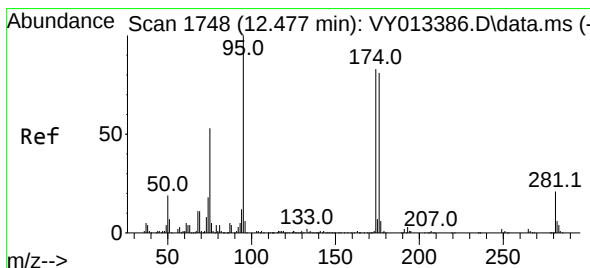
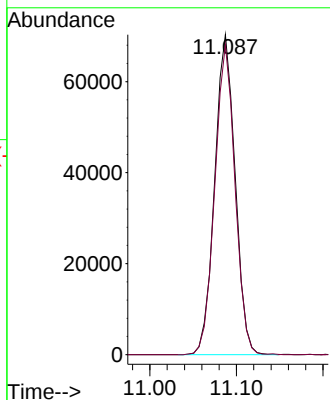
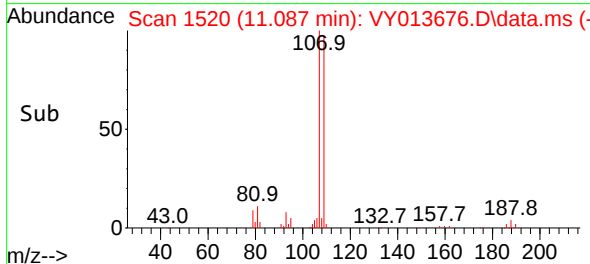
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



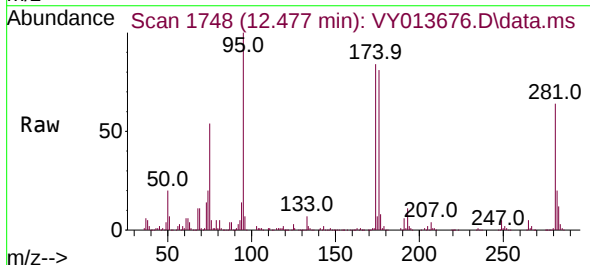
Tgt Ion:107 Resp: 115138
Ion Ratio Lower Upper
107 100
109 95.9 75.6 113.4

Manual Integrations
APPROVED

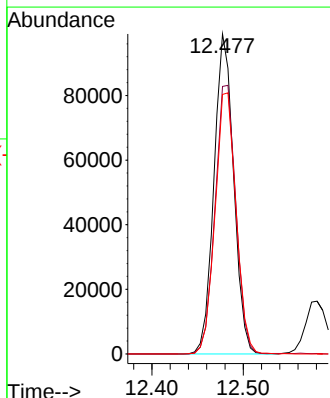
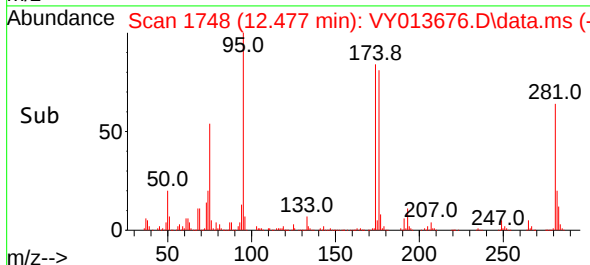
Reviewed By :Krupa Patel 05/10/2023
Supervised By :Mahesh Dadoda 05/10/2023



#62
4-Bromofluorobenzene
Concen: 58.016 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY013676.D
Acq: 09 May 2023 18:18



Tgt Ion: 95 Resp: 148412
Ion Ratio Lower Upper
95 100
174 88.9 0.0 182.0
176 87.2 0.0 175.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.001 min

Lab File: VY013676.D

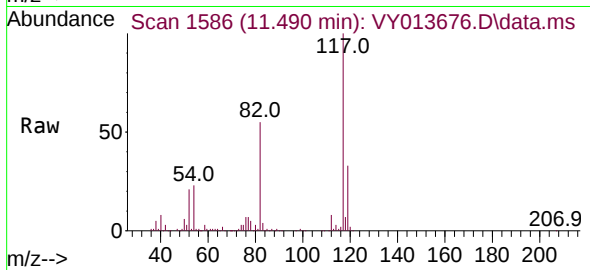
Acq: 09 May 2023 18:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC



Tgt Ion:117 Resp: 31089

Ion Ratio Lower Upper

117 100

82 54.6 43.0 64.6

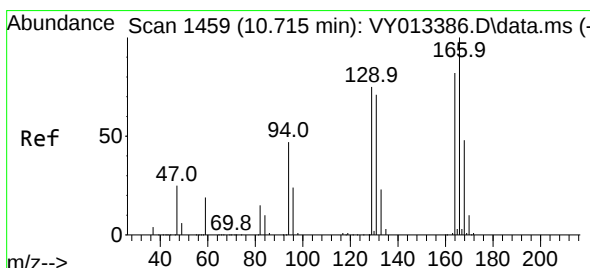
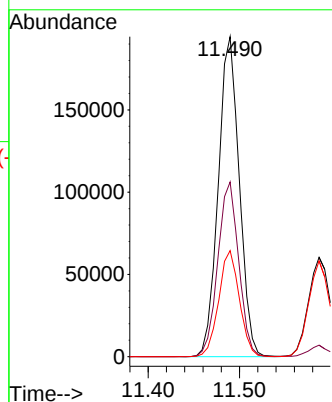
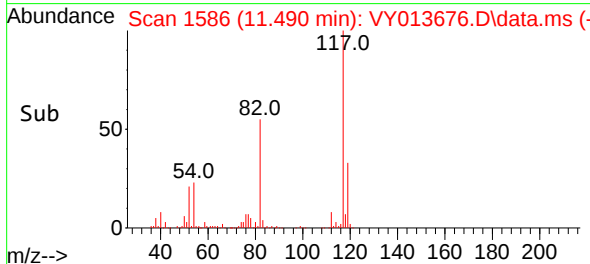
119 33.2 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 05/10/2023

Supervised By :Mahesh Dadoda 05/10/2023



#64

Tetrachloroethene

Concen: 53.324 ug/l

RT: 10.715 min Scan# 1459

Delta R.T. 0.000 min

Lab File: VY013676.D

Acq: 09 May 2023 18:18

Tgt Ion:164 Resp: 126061

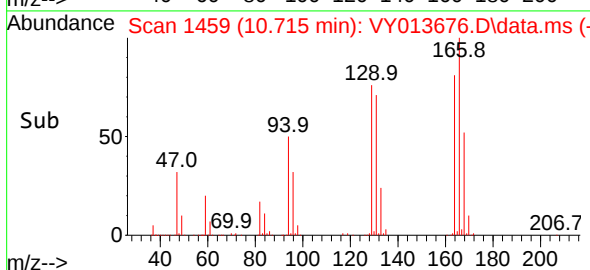
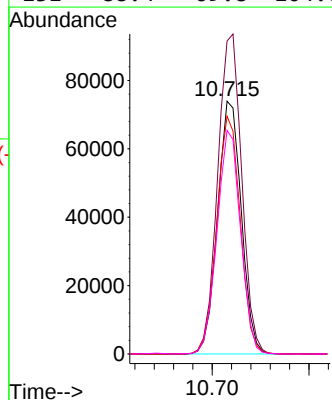
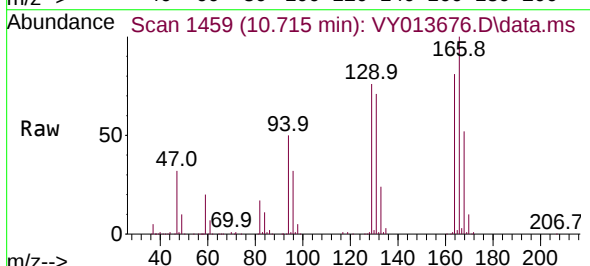
Ion Ratio Lower Upper

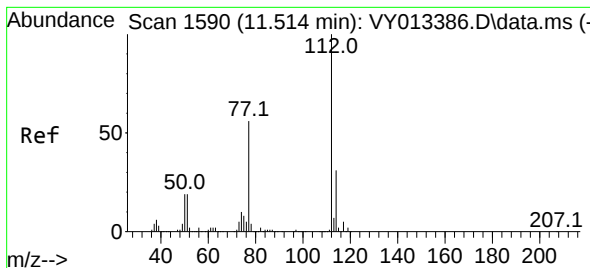
164 100

166 123.8 97.5 146.3

129 94.0 72.6 109.0

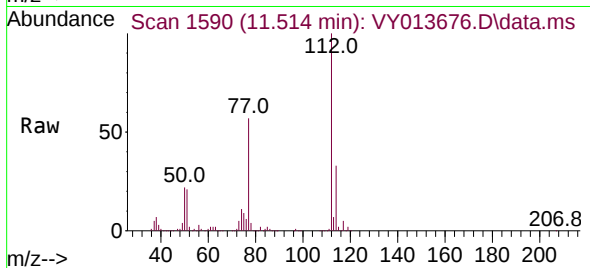
131 88.4 69.8 104.6





#65
Chlorobenzene
Concen: 53.971 ug/l
RT: 11.514 min Scan# 11590
Delta R.T. -0.000 min
Lab File: VY013676.D
Acq: 09 May 2023 18:18

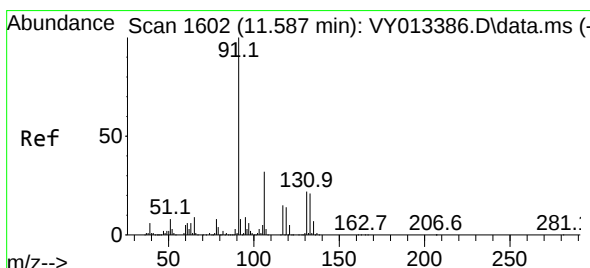
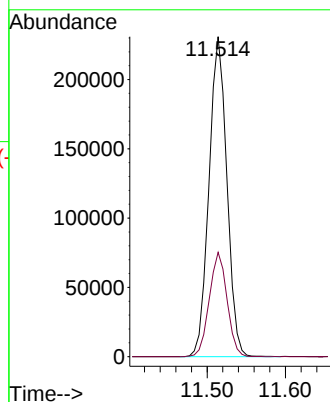
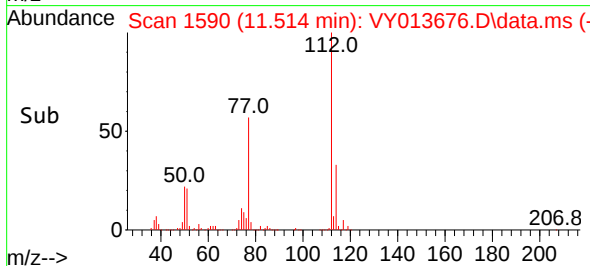
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



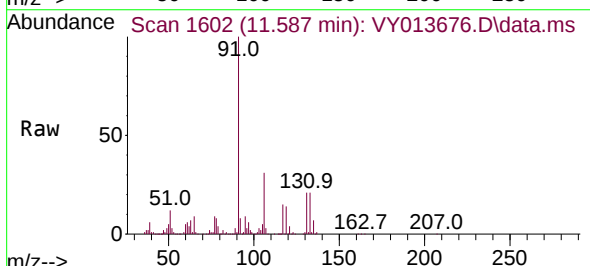
Tgt Ion:112 Resp: 365512
Ion Ratio Lower Upper
112 100
114 32.6 24.9 37.3

Manual Integrations
APPROVED

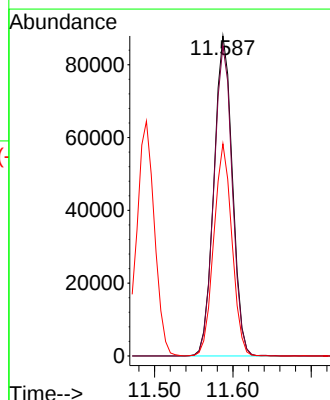
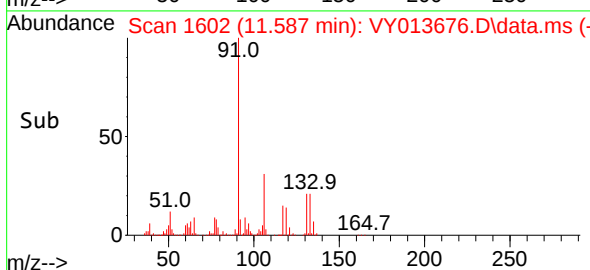
Reviewed By :Krupa Patel 05/10/2023
Supervised By :Mahesh Dadoda 05/10/2023

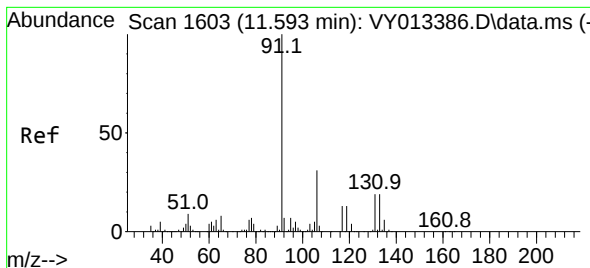


#66
1,1,1,2-Tetrachloroethane
Concen: 57.010 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY013676.D
Acq: 09 May 2023 18:18



Tgt Ion:131 Resp: 144398
Ion Ratio Lower Upper
131 100
133 96.5 47.7 143.1
119 64.7 32.6 98.0





#67

Ethyl Benzene

Concen: 55.376 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY013676.D

Acq: 09 May 2023 18:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 658549

Ion Ratio Lower Upper

91 100

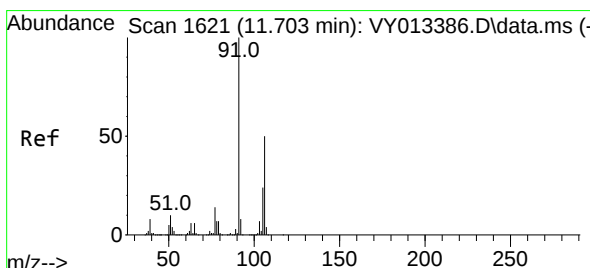
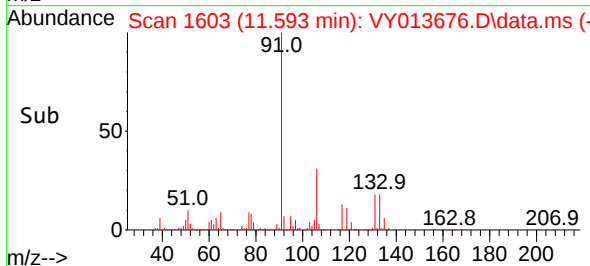
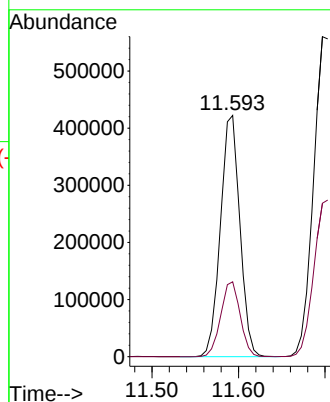
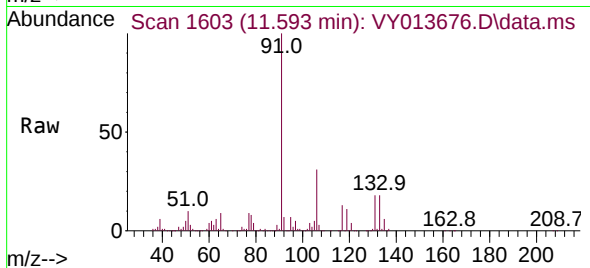
106 31.0 25.1 37.7

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 05/10/2023

Supervised By :Mahesh Dadoda 05/10/2023



#68

m/p-Xylenes

Concen: 110.502 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY013676.D

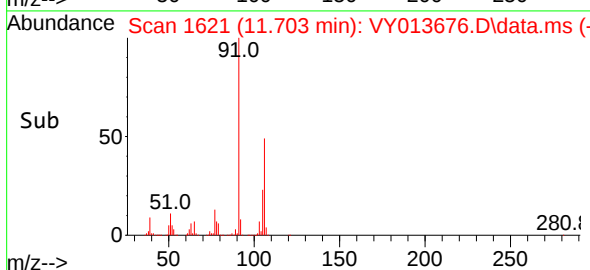
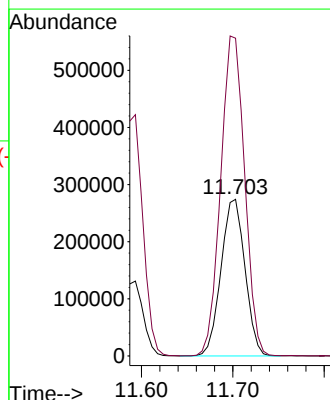
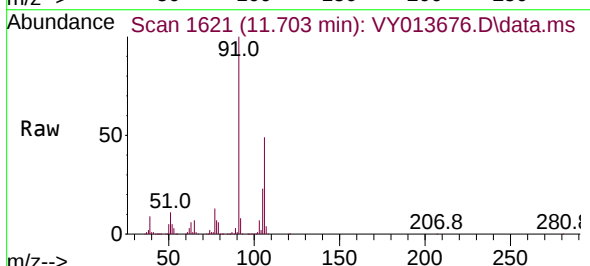
Acq: 09 May 2023 18:18

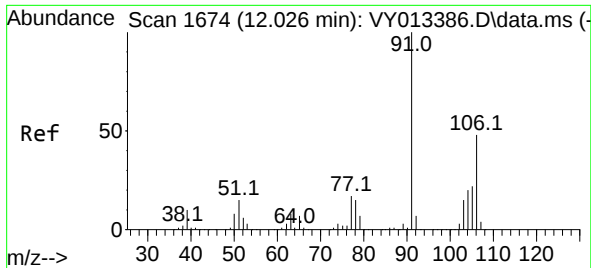
Tgt Ion:106 Resp: 499573

Ion Ratio Lower Upper

106 100

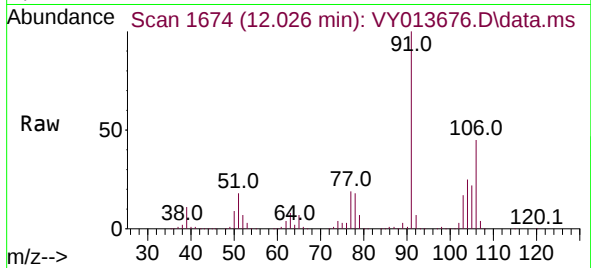
91 205.1 160.9 241.3





#69
o-Xylene
Concen: 55.254 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. 0.000 min
Lab File: VY013676.D
Acq: 09 May 2023 18:18

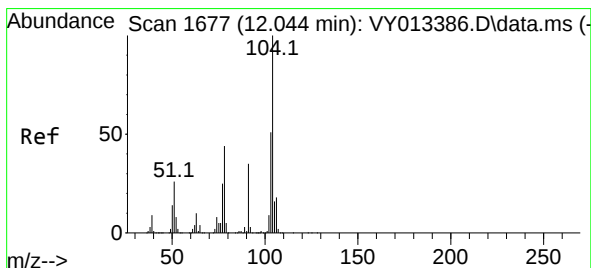
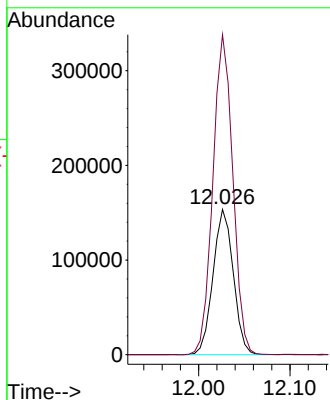
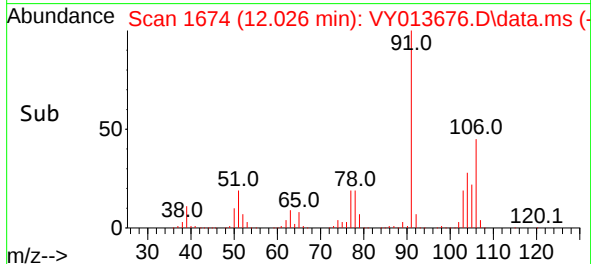
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion:106 Resp: 236240
Ion Ratio Lower Upper
106 100
91 217.5 105.5 316.4

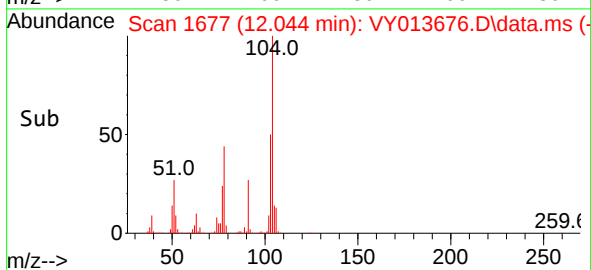
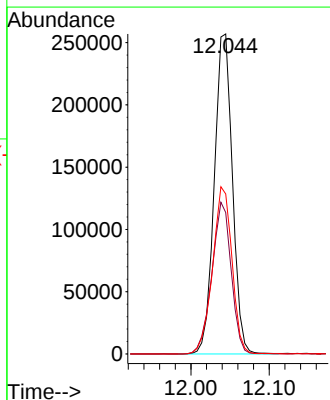
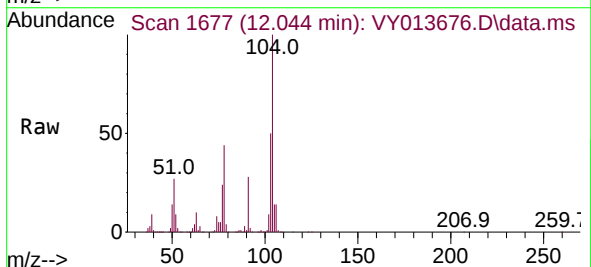
Manual Integrations
APPROVED

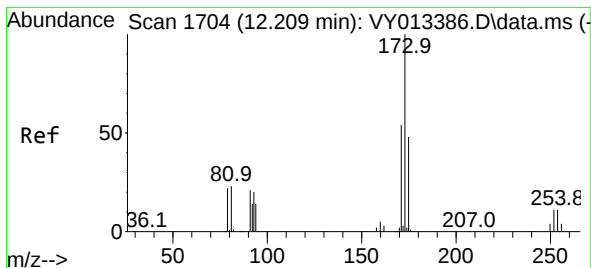
Reviewed By :Krupa Patel 05/10/2023
Supervised By :Mahesh Dadoda 05/10/2023



#70
Styrene
Concen: 57.867 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY013676.D
Acq: 09 May 2023 18:18

Tgt Ion:104 Resp: 413691
Ion Ratio Lower Upper
104 100
78 50.6 40.3 60.5
103 55.9 45.0 67.4





#71

Bromoform

Concen: 59.387 ug/l

RT: 12.203 min Scan# 1703

Delta R.T. -0.006 min

Lab File: VY013676.D

Acq: 09 May 2023 18:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion:173 Resp: 105360

Ion Ratio Lower Upper

173 100

175 48.3 24.3 72.8

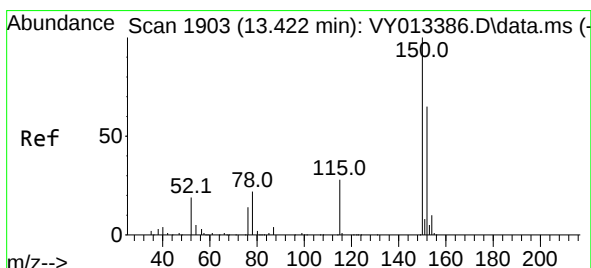
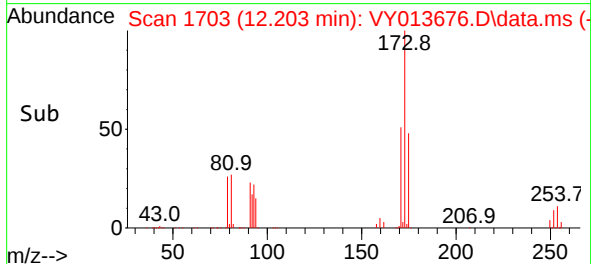
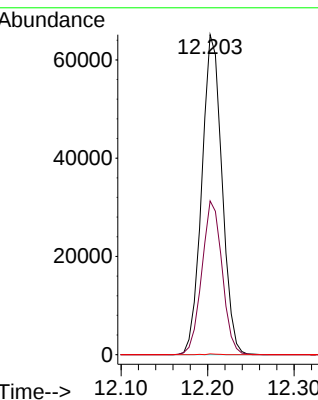
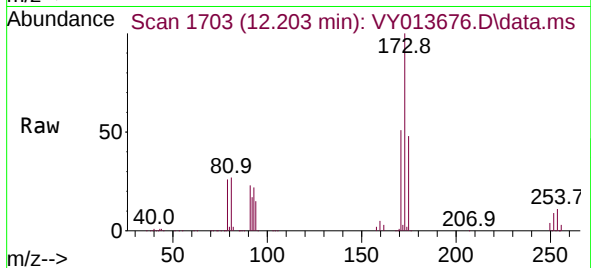
254 0.1 0.2 0.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 05/10/2023

Supervised By :Mahesh Dadoda 05/10/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY013676.D

Acq: 09 May 2023 18:18

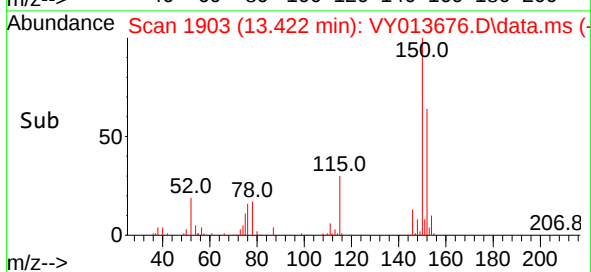
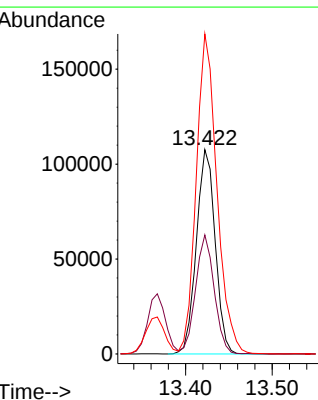
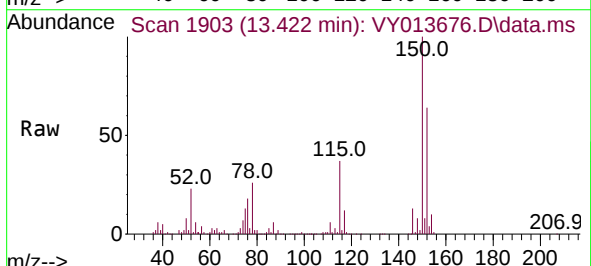
Tgt Ion:152 Resp: 162550

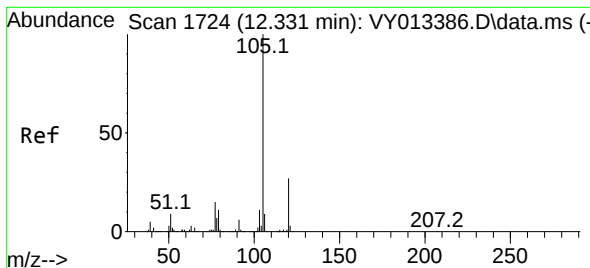
Ion Ratio Lower Upper

152 100

115 57.6 28.1 84.2

150 172.2 0.0 352.0





#73

Isopropylbenzene

Concen: 51.026 ug/l

RT: 12.325 min Scan# 1723

Delta R.T. -0.006 min

Lab File: VY013676.D

Acq: 09 May 2023 18:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 62735

Ion Ratio Lower Upper

105 100

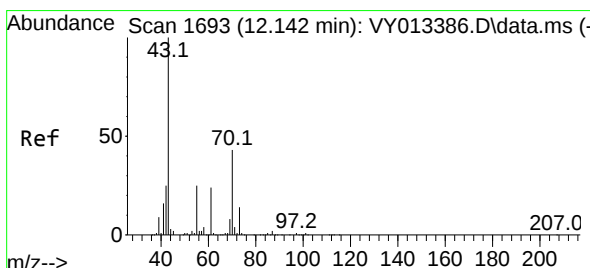
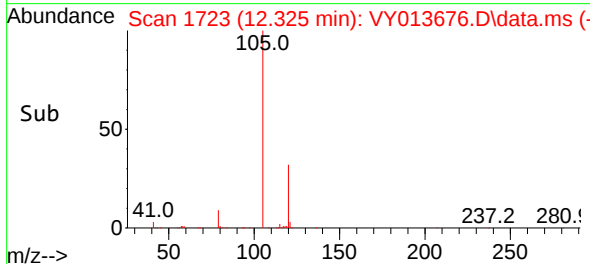
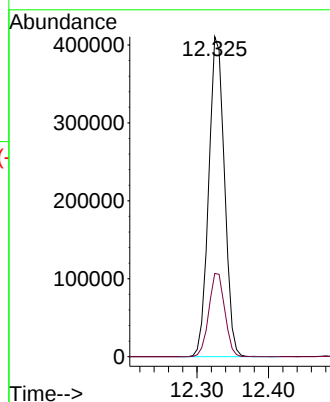
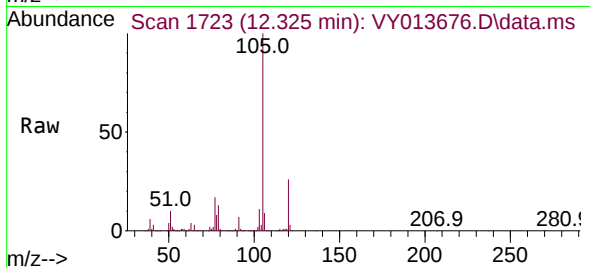
120 26.4 13.7 41.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 05/10/2023

Supervised By :Mahesh Dadoda 05/10/2023



#74

N-amy1 acetate

Concen: 49.764 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY013676.D

Acq: 09 May 2023 18:18

Tgt Ion: 43 Resp: 217727

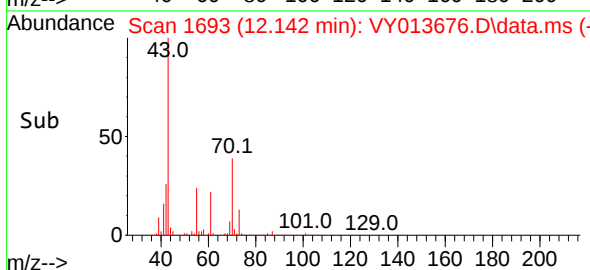
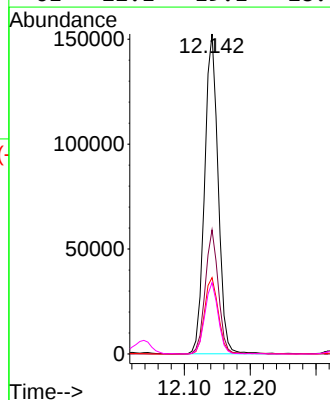
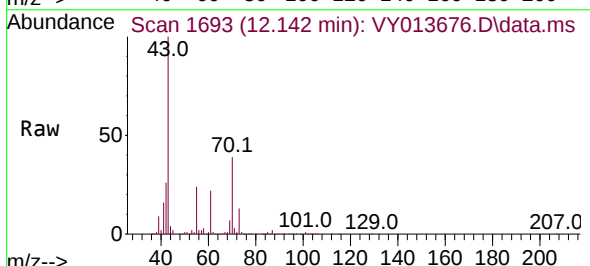
Ion Ratio Lower Upper

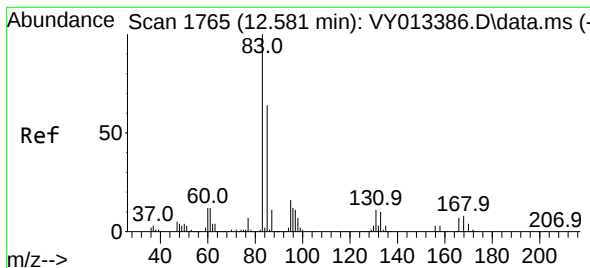
43 100

70 37.6 33.0 49.4

55 24.6 19.8 29.6

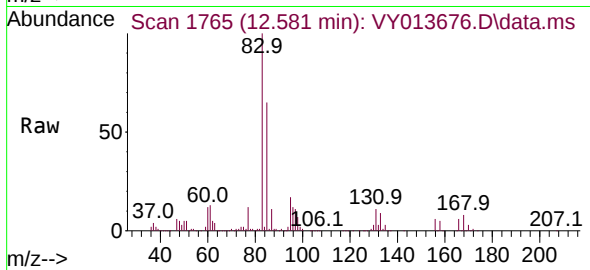
61 22.1 19.1 28.7





#75
1,1,2,2-Tetrachloroethane
Concen: 51.412 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY013676.D
Acq: 09 May 2023 18:18

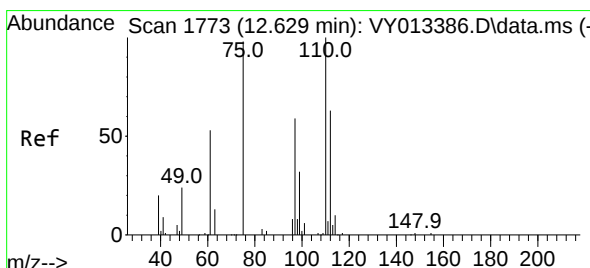
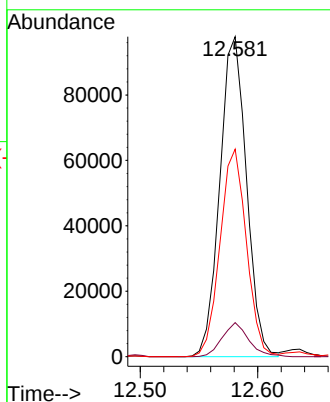
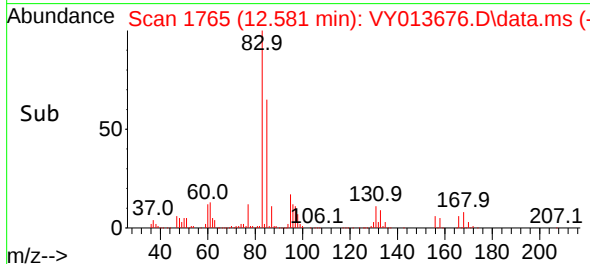
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



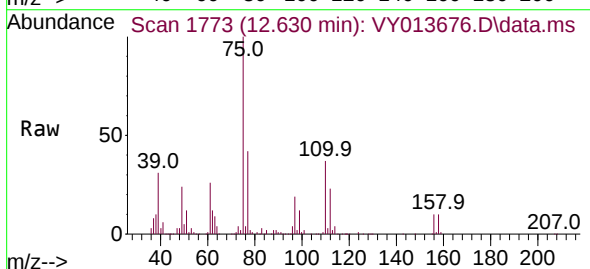
Tgt Ion: 83 Resp: 15450
Ion Ratio Lower Upper
83 100
131 10.5 5.7 17.0
85 64.2 31.8 95.4

Manual Integrations
APPROVED

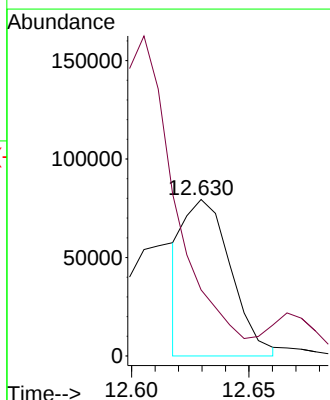
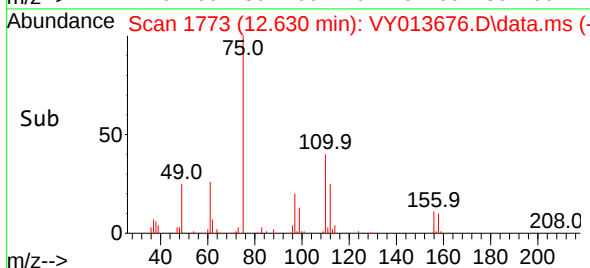
Reviewed By :Krupa Patel 05/10/2023
Supervised By :Mahesh Dadoda 05/10/2023

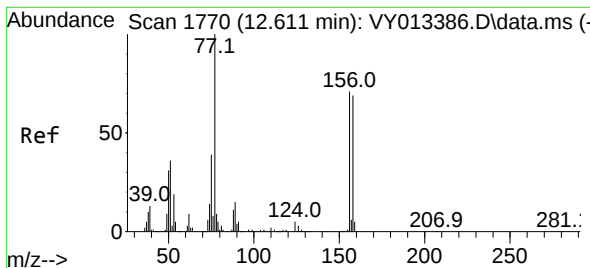


#76
1,2,3-Trichloropropane
Concen: 50.632 ug/l m
RT: 12.630 min Scan# 1773
Delta R.T. 0.001 min
Lab File: VY013676.D
Acq: 09 May 2023 18:18



Tgt Ion: 75 Resp: 110994
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 53.276 ug/l

RT: 12.605 min Scan# 1770

Delta R.T. -0.006 min

Lab File: VY013676.D

Acq: 09 May 2023 18:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

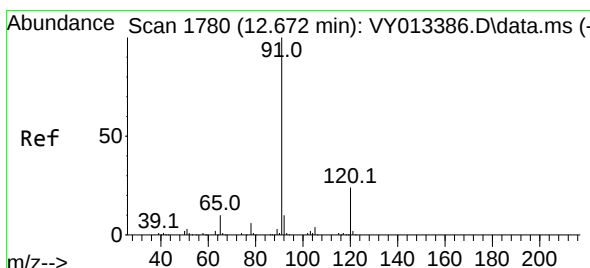
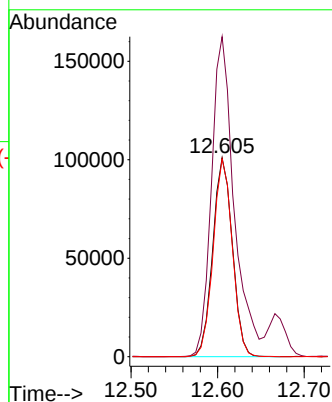
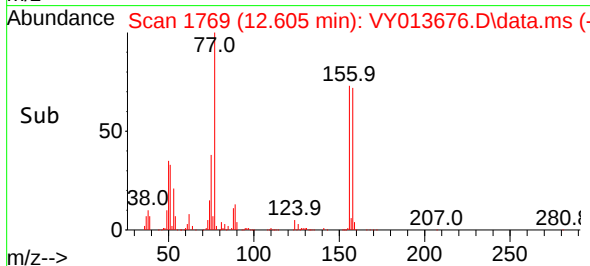
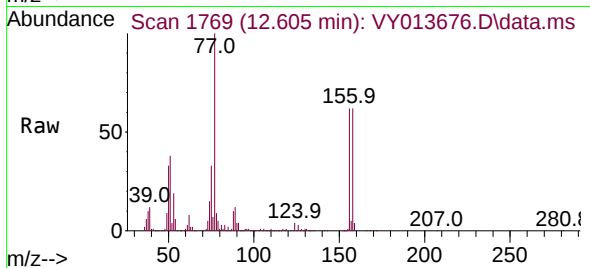
Tgt Ion:156 Resp: 158712
 Ion Ratio Lower Upper
 156 100
 77 185.0 87.6 262.9
 158 97.4 48.5 145.5

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 05/10/2023

Supervised By :Mahesh Dadoda 05/10/2023



#78

n-propylbenzene

Concen: 50.788 ug/l

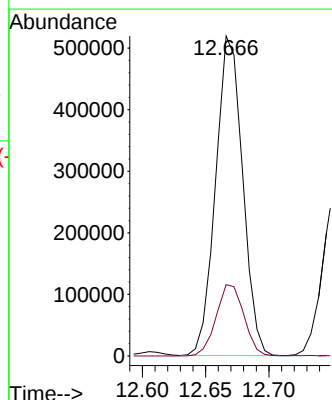
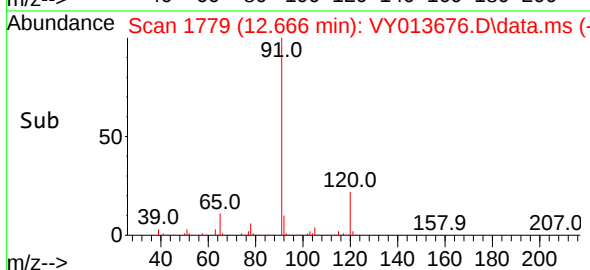
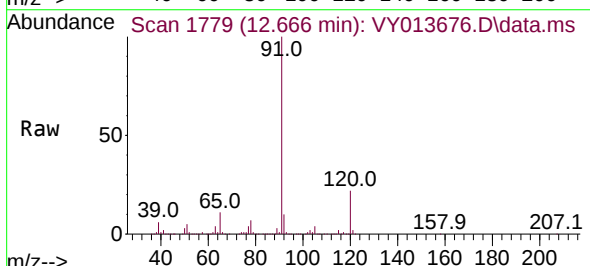
RT: 12.666 min Scan# 1779

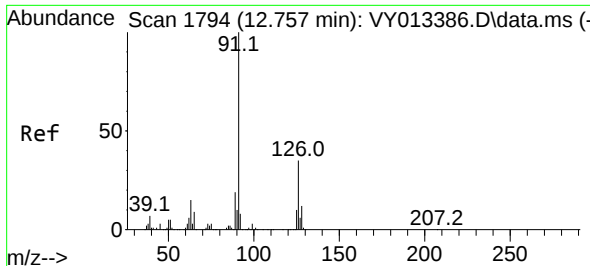
Delta R.T. -0.006 min

Lab File: VY013676.D

Acq: 09 May 2023 18:18

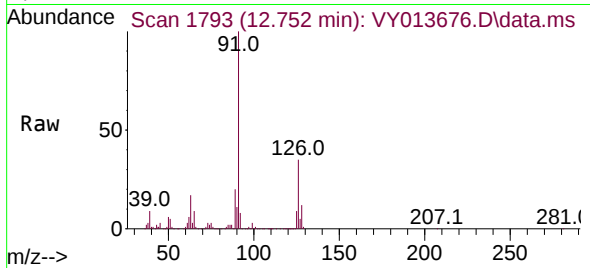
Tgt Ion: 91 Resp: 769118
 Ion Ratio Lower Upper
 91 100
 120 23.0 11.9 35.9





#79
2-Chlorotoluene
Concen: 51.254 ug/l
RT: 12.752 min Scan# 1793
Delta R.T. -0.005 min
Lab File: VY013676.D
Acq: 09 May 2023 18:18

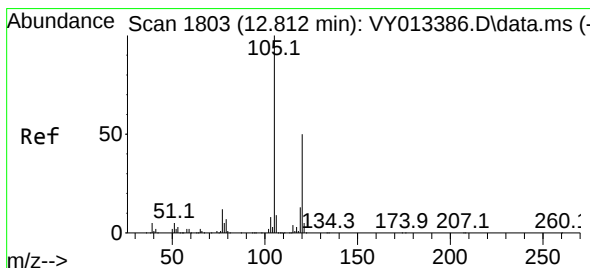
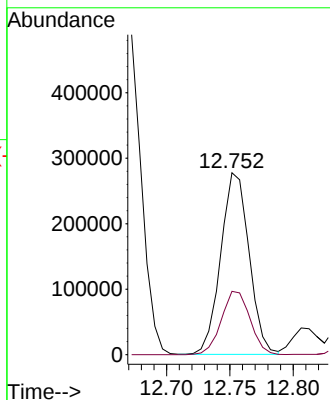
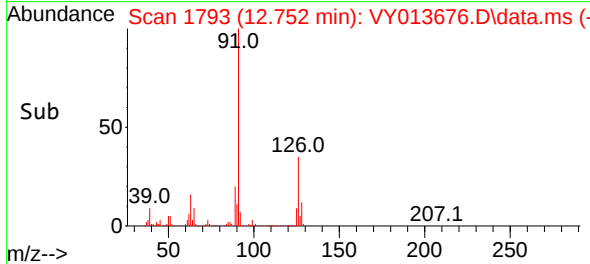
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



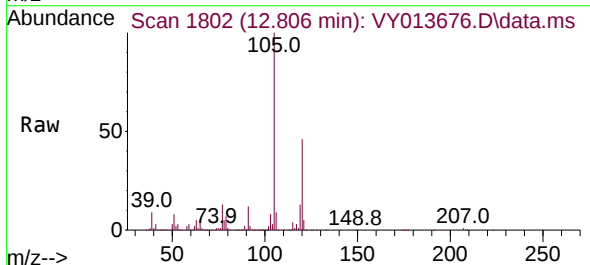
Tgt Ion: 91 Resp: 43344
Ion Ratio Lower Upper
91 100
126 35.3 17.8 53.4

Manual Integrations
APPROVED

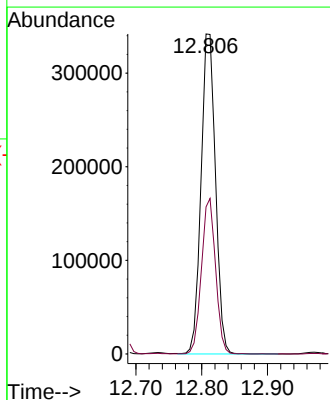
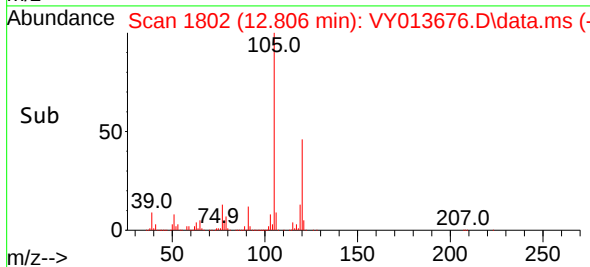
Reviewed By :Krupa Patel 05/10/2023
Supervised By :Mahesh Dadoda 05/10/2023

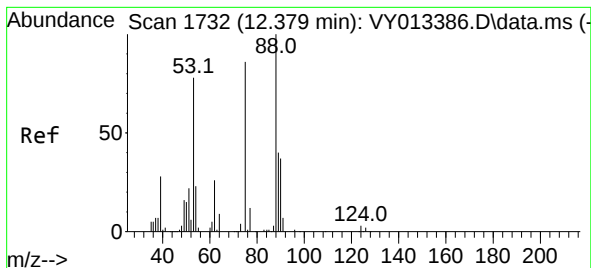


#80
1,3,5-Trimethylbenzene
Concen: 52.130 ug/l
RT: 12.806 min Scan# 1802
Delta R.T. -0.006 min
Lab File: VY013676.D
Acq: 09 May 2023 18:18



Tgt Ion:105 Resp: 523119
Ion Ratio Lower Upper
105 100
120 47.5 24.7 74.1





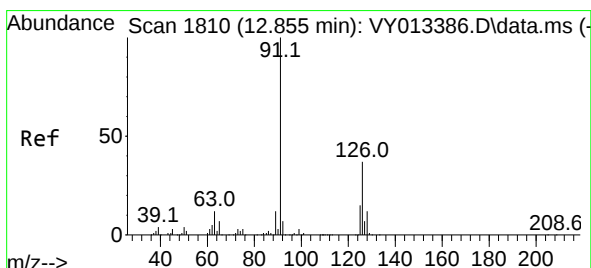
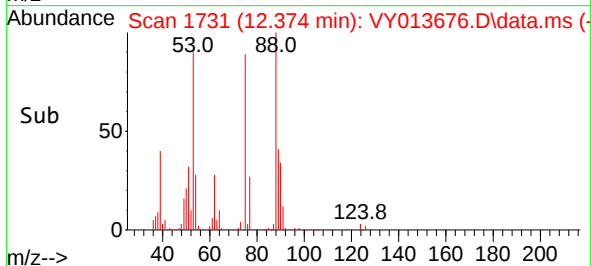
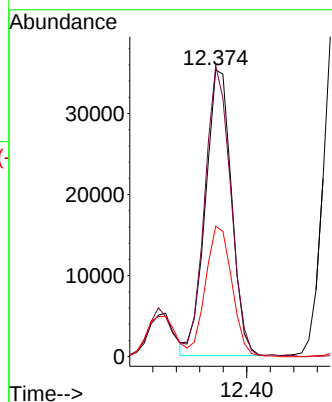
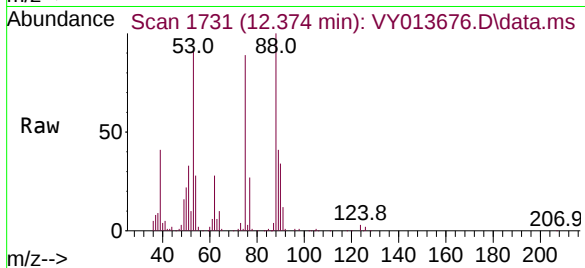
#81
trans-1,4-Dichloro-2-butene
Concen: 50.789 ug/l
RT: 12.374 min Scan# 11
Delta R.T. -0.005 min
Lab File: VY013676.D
Acq: 09 May 2023 18:18

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 54430
Ion Ratio Lower Upper
75 100
53 99.3 73.2 109.8
89 46.2 38.0 57.0

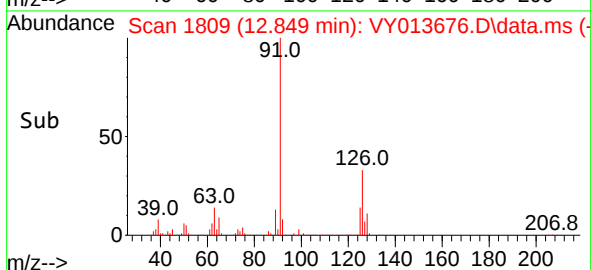
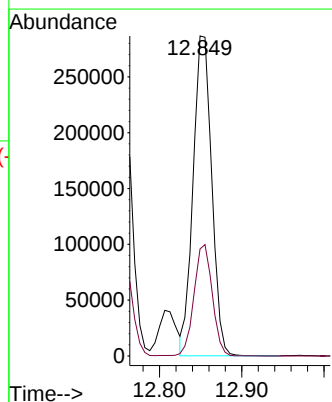
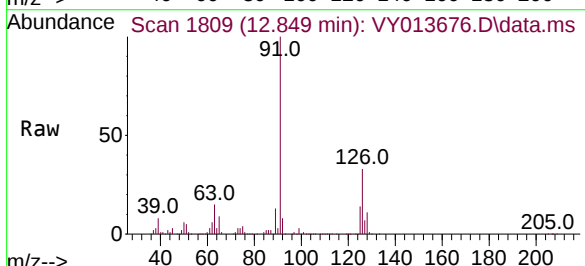
Manual Integrations
APPROVED

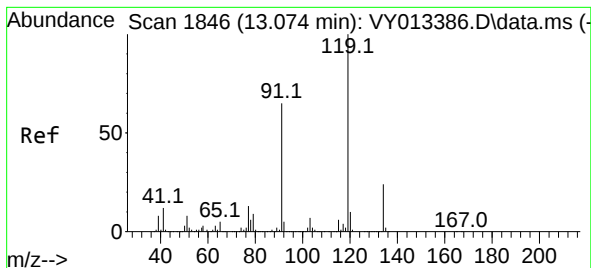
Reviewed By :Krupa Patel 05/10/2023
Supervised By :Mahesh Dadoda 05/10/2023



#82
4-Chlorotoluene
Concen: 51.141 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. -0.006 min
Lab File: VY013676.D
Acq: 09 May 2023 18:18

Tgt Ion: 91 Resp: 450767
Ion Ratio Lower Upper
91 100
126 34.4 17.9 53.8





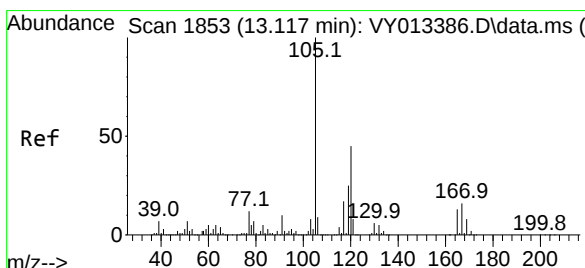
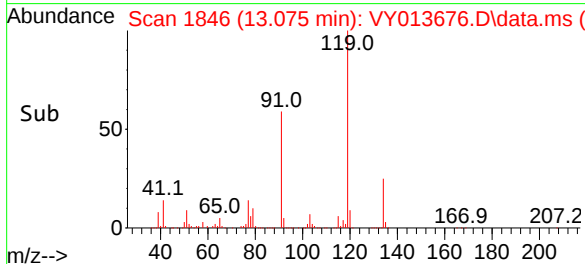
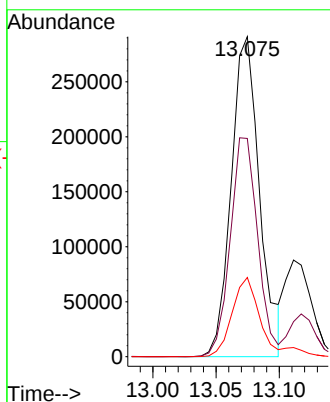
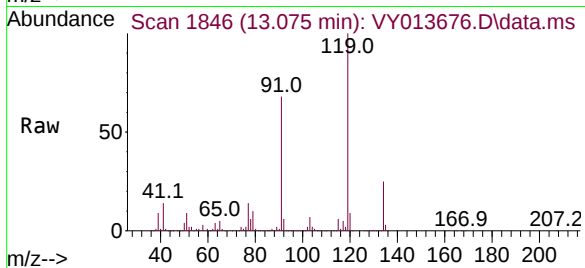
#83
tert-Butylbenzene
Concen: 52.303 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. 0.001 min
Lab File: VY013676.D
Acq: 09 May 2023 18:18

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:119 Resp: 454718
Ion Ratio Lower Upper
119 100
91 66.4 32.2 96.6
134 25.6 13.0 38.9

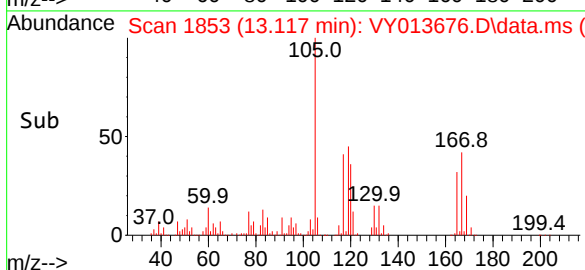
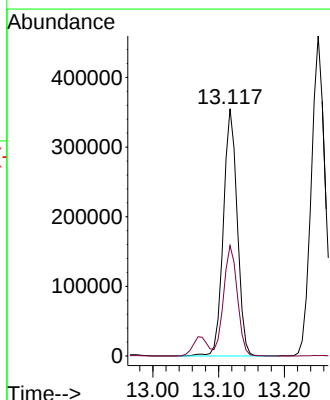
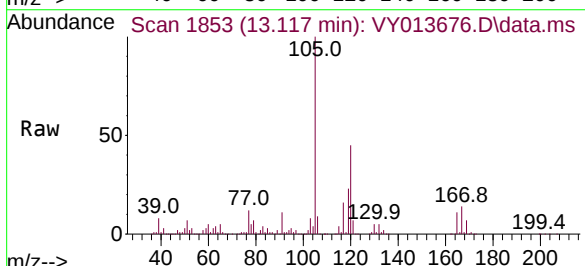
Manual Integrations
APPROVED

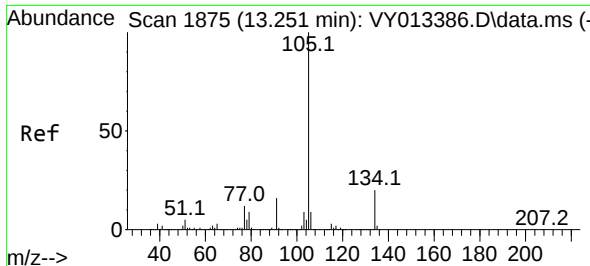
Reviewed By :Krupa Patel 05/10/2023
Supervised By :Mahesh Dadoda 05/10/2023



#84
1,2,4-Trimethylbenzene
Concen: 53.305 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY013676.D
Acq: 09 May 2023 18:18

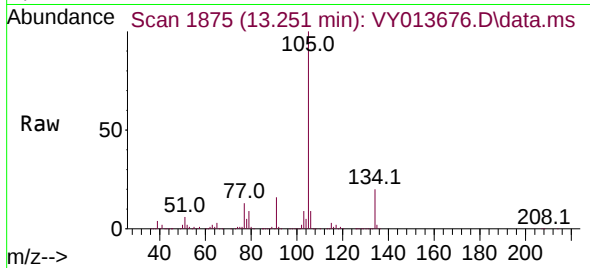
Tgt Ion:105 Resp: 520056
Ion Ratio Lower Upper
105 100
120 44.0 22.3 66.9





#85
 sec-Butylbenzene
 Concen: 51.003 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. 0.000 min
 Lab File: VY013676.D
 Acq: 09 May 2023 18:18

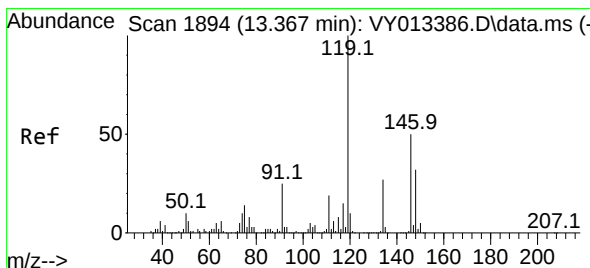
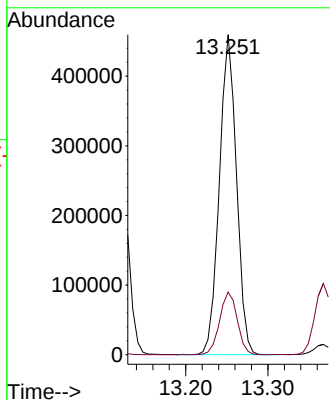
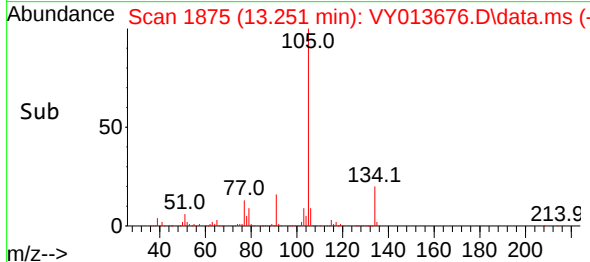
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC



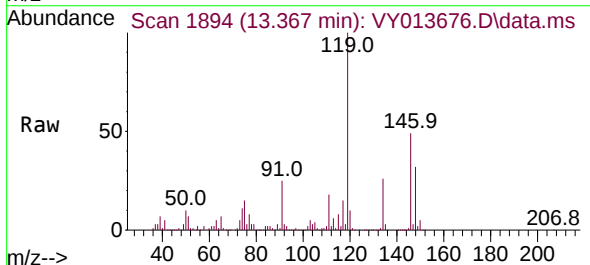
Tgt Ion:105 Resp: 665479
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.3 30.9

Manual Integrations
 APPROVED

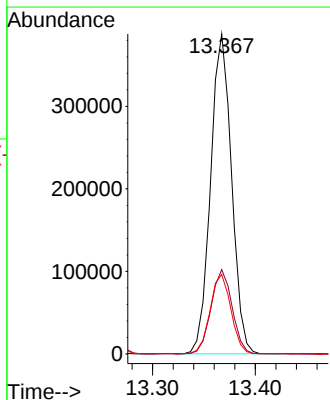
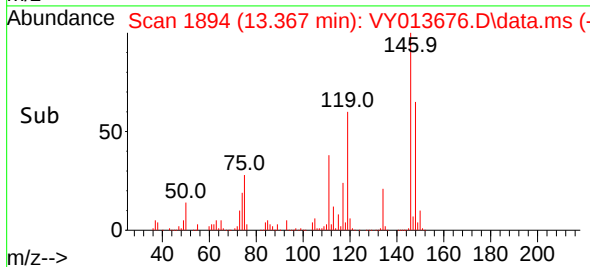
Reviewed By :Krupa Patel 05/10/2023
 Supervised By :Mahesh Dadoda 05/10/2023

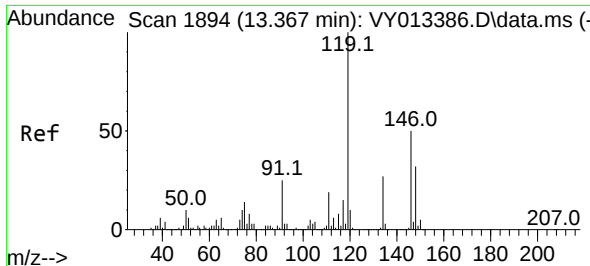


#86
 p-Isopropyltoluene
 Concen: 52.263 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY013676.D
 Acq: 09 May 2023 18:18



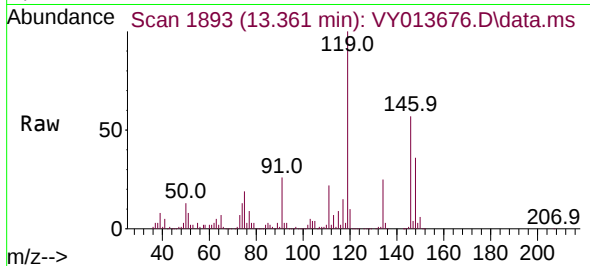
Tgt Ion:119 Resp: 548387
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.4 40.2
 91 24.7 12.1 36.3





#87
1,3-Dichlorobenzene
Concen: 52.709 ug/l
RT: 13.361 min Scan# 1894
Delta R.T. -0.006 min
Lab File: VY013676.D
Acq: 09 May 2023 18:18

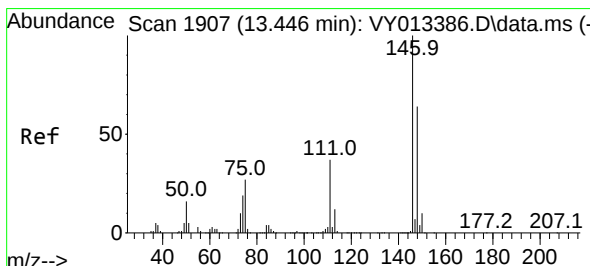
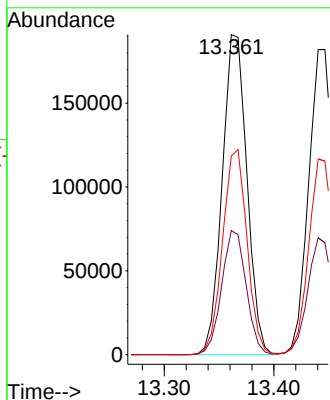
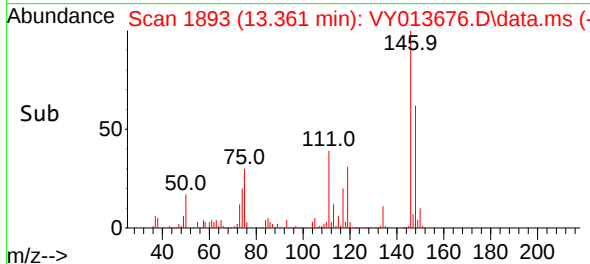
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



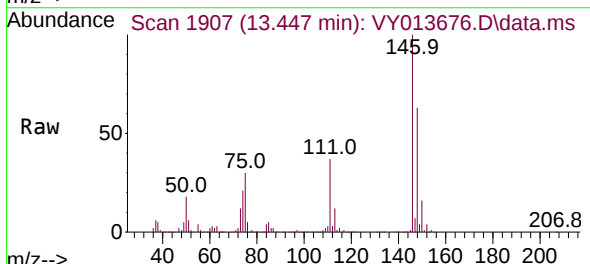
Tgt Ion:146 Resp: 29915
Ion Ratio Lower Upper
146 100
111 38.5 19.3 57.9
148 63.4 31.9 95.7

Manual Integrations
APPROVED

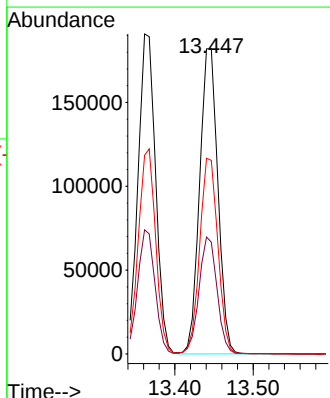
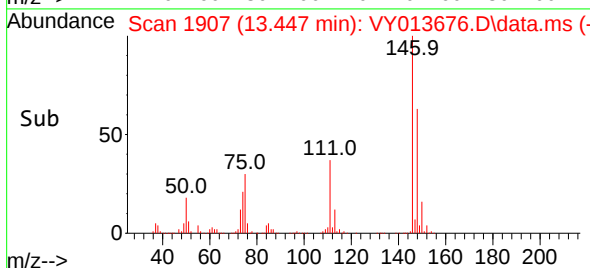
Reviewed By :Krupa Patel 05/10/2023
Supervised By :Mahesh Dadoda 05/10/2023

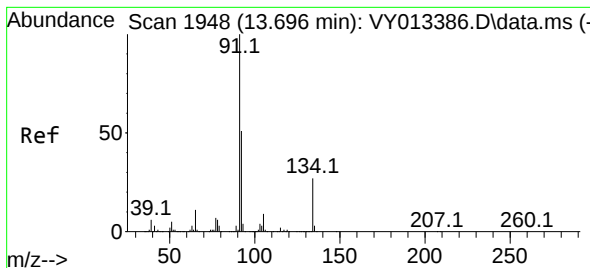


#88
1,4-Dichlorobenzene
Concen: 51.412 ug/l
RT: 13.447 min Scan# 1907
Delta R.T. 0.001 min
Lab File: VY013676.D
Acq: 09 May 2023 18:18



Tgt Ion:146 Resp: 294755
Ion Ratio Lower Upper
146 100
111 37.8 18.9 56.5
148 63.7 31.9 95.5





#89

n-Butylbenzene

Concen: 50.303 ug/l

RT: 13.697 min Scan# 1948

Delta R.T. 0.001 min

Lab File: VY013676.D

Acq: 09 May 2023 18:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

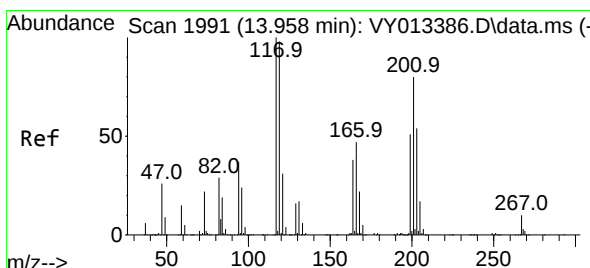
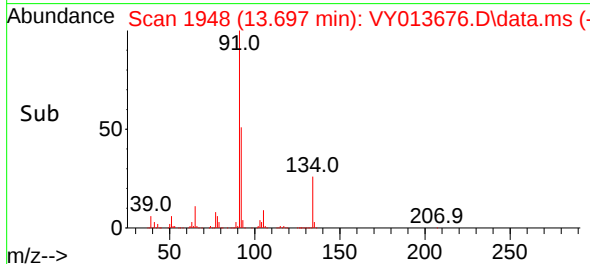
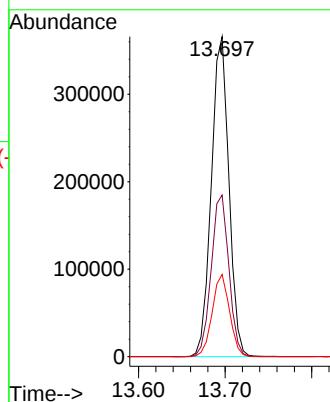
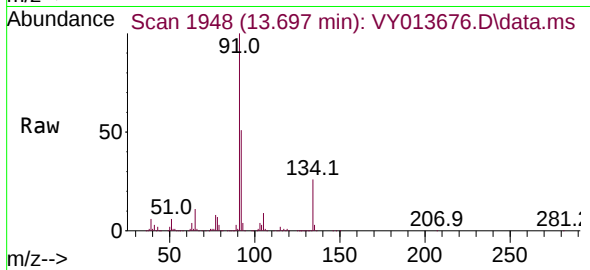
Tgt Ion: 91	Resp: 51515
Ion Ratio	Lower Upper
91	100
92	50.9 25.8 77.3
134	25.4 13.5 40.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 05/10/2023

Supervised By :Mahesh Dadoda 05/10/2023



#90

Hexachloroethane

Concen: 49.217 ug/l

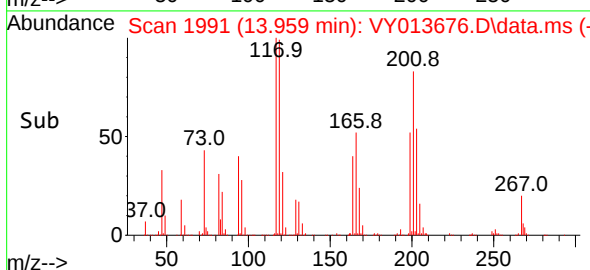
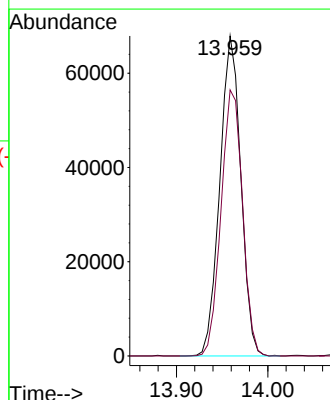
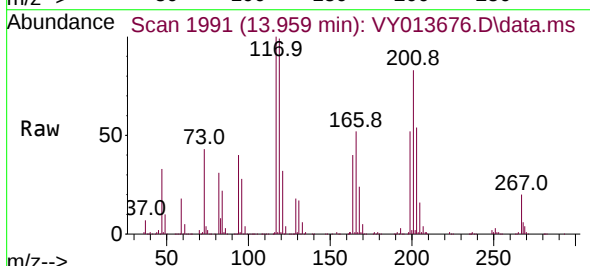
RT: 13.959 min Scan# 1991

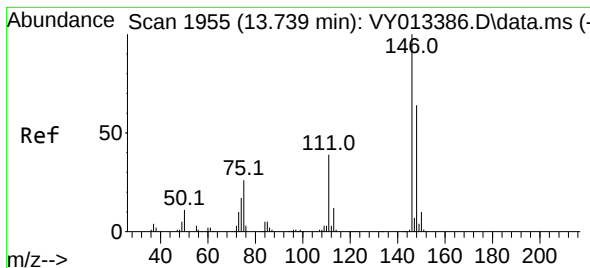
Delta R.T. 0.001 min

Lab File: VY013676.D

Acq: 09 May 2023 18:18

Tgt Ion:117	Resp: 108690
Ion Ratio	Lower Upper
117	100
201	84.7 41.6 124.8





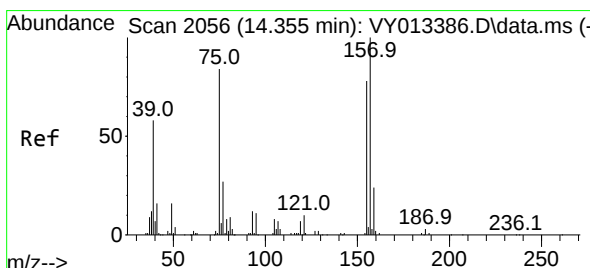
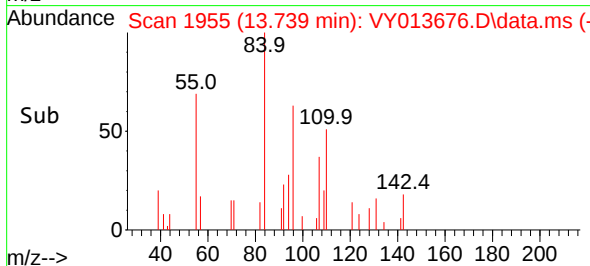
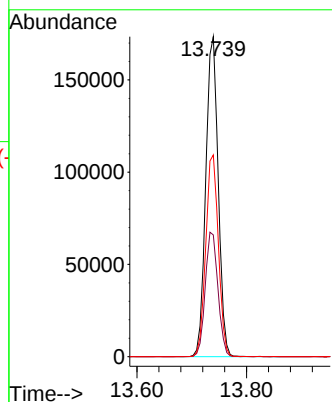
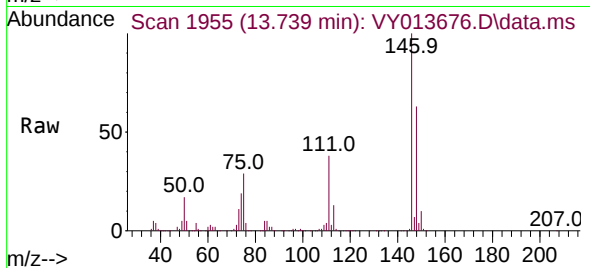
#91
1,2-Dichlorobenzene
Concen: 53.015 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY013676.D
Acq: 09 May 2023 18:18

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:146 Resp: 271710
Ion Ratio Lower Upper
146 100
111 39.9 19.8 59.4
148 64.1 31.8 95.4

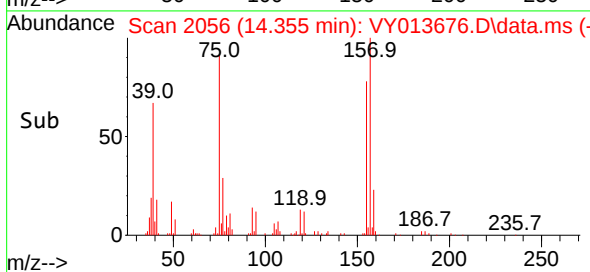
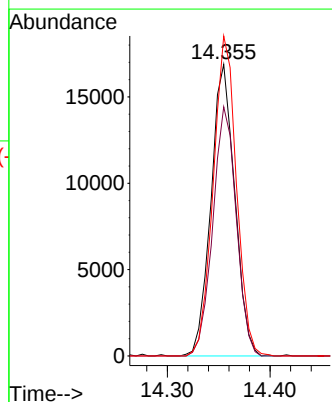
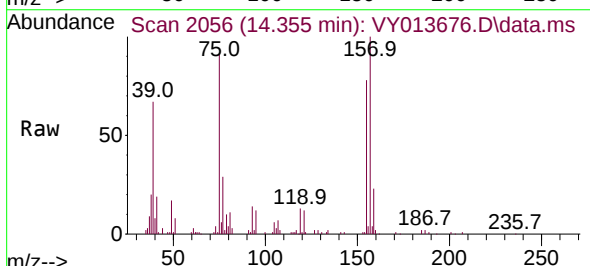
Manual Integrations
APPROVED

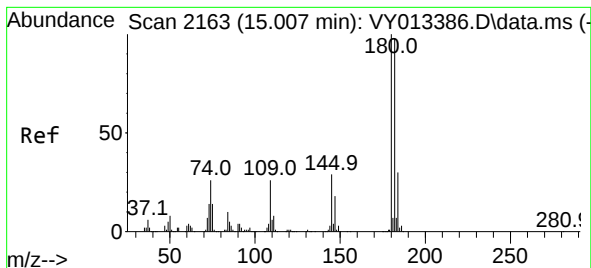
Reviewed By :Krupa Patel 05/10/2023
Supervised By :Mahesh Dadoda 05/10/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 51.098 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY013676.D
Acq: 09 May 2023 18:18

Tgt Ion: 75 Resp: 27120
Ion Ratio Lower Upper
75 100
155 83.9 44.6 134.0
157 107.0 57.6 172.7





#93

1,2,4-Trichlorobenzene

Concen: 52.777 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY013676.D

Acq: 09 May 2023 18:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

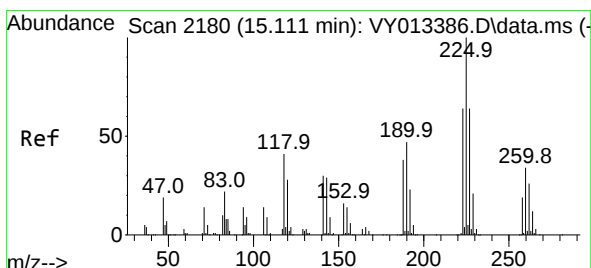
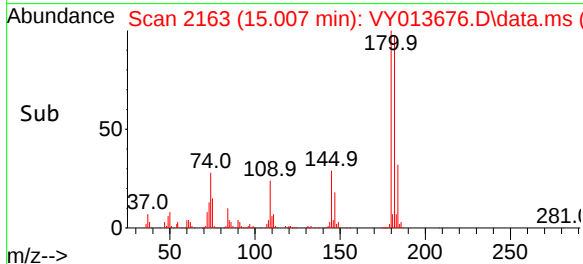
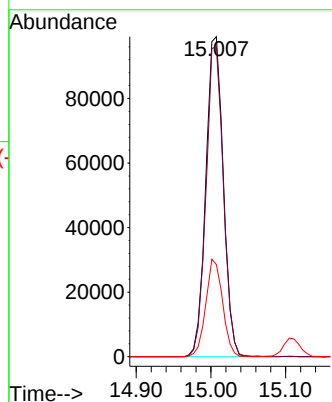
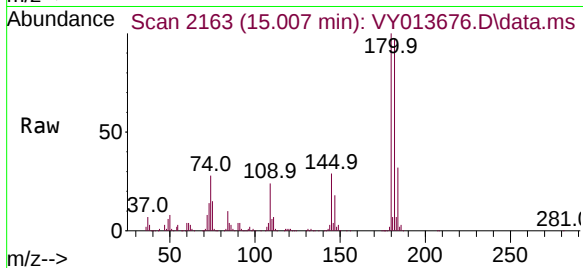
Tgt Ion:180	Resp: 161270
Ion Ratio	Lower Upper
180 100	
182 95.7	48.5 145.5
145 29.2	15.0 45.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 05/10/2023

Supervised By :Mahesh Dadoda 05/10/2023



#94

Hexachlorobutadiene

Concen: 54.054 ug/l

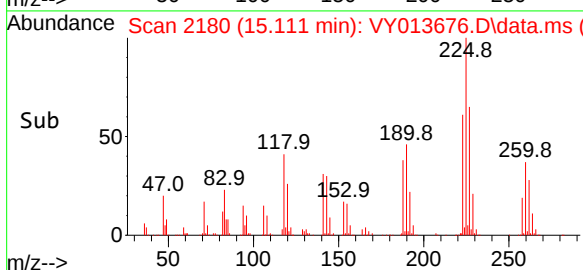
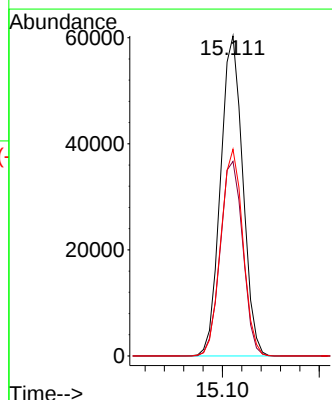
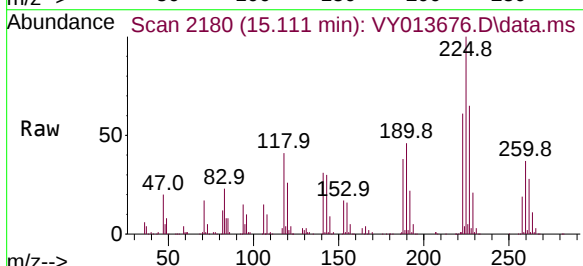
RT: 15.111 min Scan# 2180

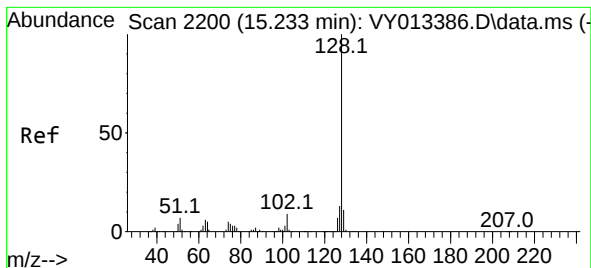
Delta R.T. -0.000 min

Lab File: VY013676.D

Acq: 09 May 2023 18:18

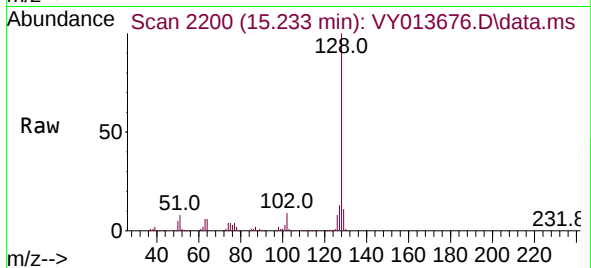
Tgt Ion:225	Resp: 96127
Ion Ratio	Lower Upper
225 100	
223 61.5	31.4 94.2
227 64.3	32.0 96.0





#95
Naphthalene
Concen: 53.387 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.000 min
Lab File: VY013676.D
Acq: 09 May 2023 18:18

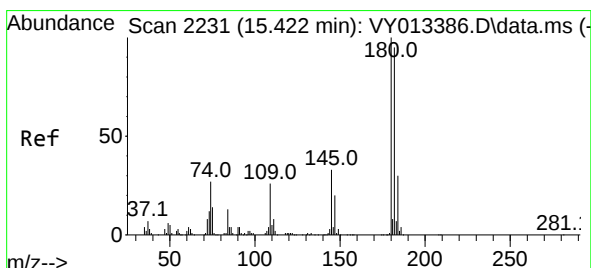
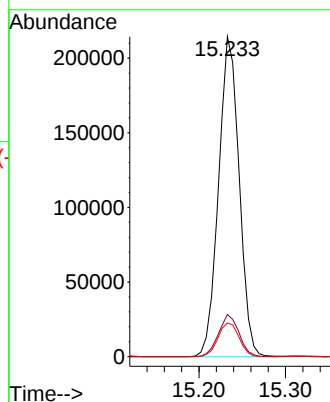
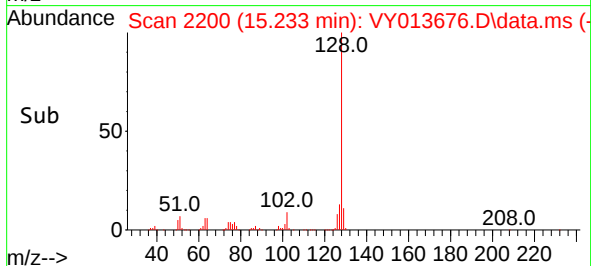
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



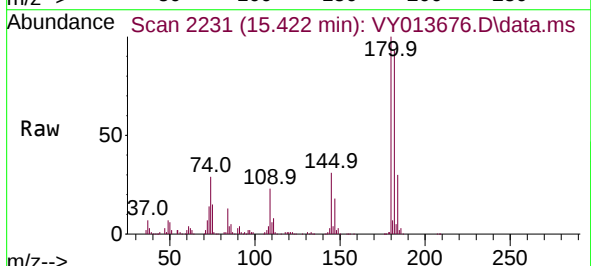
Tgt Ion:128 Resp: 353952
Ion Ratio Lower Upper
128 100
127 13.1 10.7 16.1
129 10.8 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 05/10/2023
Supervised By :Mahesh Dadoda 05/10/2023



#96
1,2,3-Trichlorobenzene
Concen: 54.741 ug/l
RT: 15.422 min Scan# 2231
Delta R.T. -0.000 min
Lab File: VY013676.D
Acq: 09 May 2023 18:18



Tgt Ion:180 Resp: 149087
Ion Ratio Lower Upper
180 100
182 93.3 47.1 141.3
145 31.0 15.9 47.7

