

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062123\
 Data File : VY014352.D
 Acq On : 21 Jun 2023 21:56
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 06/22/2023
 Supervised By :Mahesh Dadoda 06/22/2023

Quant Time: Jun 22 01:59:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060923S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 09 18:07:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	189567	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	289286	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	288141	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	163797	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	126783	48.028	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	96.060%		
35) Dibromofluoromethane	7.722	113	105273	51.314	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	102.620%		
50) Toluene-d8	10.185	98	359647	46.891	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	93.780%		
62) 4-Bromofluorobenzene	12.483	95	154086	56.554	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	113.100%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	90467	42.821	ug/l	95
3) Chloromethane	2.119	50	102370	38.215	ug/l	97
4) Vinyl Chloride	2.253	62	106641	40.945	ug/l	98
5) Bromomethane	2.637	94	88187	41.038	ug/l	100
6) Chloroethane	2.790	64	74288	41.976	ug/l	98
7) Trichlorofluoromethane	3.125	101	208799	49.348	ug/l	97
8) Diethyl Ether	3.533	74	71282	50.453	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.905	101	105461	49.387	ug/l	98
10) Methyl Iodide	4.094	142	122280	43.366	ug/l	96
11) Tert butyl alcohol	4.960	59	135748	461.543	ug/l #	88
12) 1,1-Dichloroethene	3.875	96	101734	47.003	ug/l	97
13) Acrolein	3.735	56	26806	216.111	ug/l	94
14) Allyl chloride	4.490	41	179895	45.852	ug/l	98
15) Acrylonitrile	5.167	53	222104	304.779	ug/l	98
16) Acetone	3.954	43	194877	244.912	ug/l	99
17) Carbon Disulfide	4.198	76	302071	43.068	ug/l	100
18) Methyl Acetate	4.484	43	182505	59.091	ug/l	98
19) Methyl tert-butyl Ether	5.234	73	349833	54.801	ug/l	98
20) Methylene Chloride	4.722	84	143635	57.048	ug/l	95
21) trans-1,2-Dichloroethene	5.228	96	118558	49.111	ug/l	99
22) Diisopropyl ether	6.130	45	393082	52.328	ug/l	92
23) Vinyl Acetate	6.069	43	1208117	272.579	ug/l	98
24) 1,1-Dichloroethane	6.027	63	215594	49.778	ug/l	98
25) 2-Butanone	6.990	43	310247	316.748	ug/l	98
26) 2,2-Dichloropropane	6.990	77	192934	47.428	ug/l	99
27) cis-1,2-Dichloroethene	6.990	96	139249	51.563	ug/l	99
28) Bromochloromethane	7.338	49	89583	50.861	ug/l	93
29) Tetrahydrofuran	7.356	42	206622	332.673	ug/l	97
30) Chloroform	7.514	83	245027	53.326	ug/l	99
31) Cyclohexane	7.795	56	169806	48.019	ug/l	95
32) 1,1,1-Trichloroethane	7.709	97	216864	52.330	ug/l	99
36) 1,1-Dichloropropene	7.923	75	165994	51.899	ug/l	99
37) Ethyl Acetate	7.081	43	131907	59.772	ug/l	98
38) Carbon Tetrachloride	7.904	117	198818	53.867	ug/l	98
39) Methylcyclohexane	9.191	83	184318	51.940	ug/l	97
40) Benzene	8.167	78	499238	52.492	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.331	41	79275m	70.387	ug/l	
42) 1,2-Dichloroethane	8.240	62	182873	54.374	ug/l	100
43) Isopropyl Acetate	8.276	43	232125	60.013	ug/l	98
44) Trichloroethene	8.947	130	134412	52.896	ug/l	97
45) 1,2-Dichloropropane	9.221	63	126721	52.457	ug/l	97
46) Dibromomethane	9.307	93	82079	55.197	ug/l	99
47) Bromodichloromethane	9.502	83	188717	54.202	ug/l	96
48) Methyl methacrylate	9.294	41	108628	60.213	ug/l	98
49) 1,4-Dioxane	9.307	88	25790	1364.925	ug/l #	59
51) 4-Methyl-2-Pentanone	10.075	43	691715	329.171	ug/l	99
52) Toluene	10.246	92	319626	54.213	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	199036	54.303	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	212453	53.126	ug/l	99
55) 1,1,2-Trichloroethane	10.648	97	112346	56.961	ug/l	98
56) Ethyl methacrylate	10.514	69	164757	60.562	ug/l	97
57) 1,3-Dichloropropane	10.794	76	187817	55.678	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.788	63	412440	329.062	ug/l	97
59) 2-Hexanone	10.831	43	512827	337.888	ug/l	99
60) Dibromochloromethane	10.983	129	145942	57.813	ug/l	99
61) 1,2-Dibromoethane	11.093	107	114030	58.581	ug/l	99
64) Tetrachloroethene	10.721	164	139405	56.761	ug/l	98
65) Chlorobenzene	11.520	112	348968	50.403	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	142031	52.156	ug/l	100
67) Ethyl Benzene	11.593	91	621228	51.261	ug/l	99
68) m/p-Xylenes	11.703	106	482881	103.590	ug/l	98
69) o-Xylene	12.032	106	232012	52.645	ug/l	100
70) Styrene	12.044	104	405390	53.895	ug/l	100
71) Bromoform	12.209	173	107436	57.607	ug/l	99
73) Isopropylbenzene	12.331	105	612216	48.995	ug/l	100
74) N-amyl acetate	12.148	43	214228	54.102	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.580	83	148381	53.143	ug/l	100
76) 1,2,3-Trichloropropane	12.635	75	104784m	48.760	ug/l	
77) Bromobenzene	12.611	156	158040	48.122	ug/l	99
78) n-propylbenzene	12.672	91	752051	49.275	ug/l	100
79) 2-Chlorotoluene	12.757	91	430316	49.001	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	532428	49.763	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.379	75	52165	52.472	ug/l	99
82) 4-Chlorotoluene	12.855	91	452172	48.589	ug/l	100
83) tert-Butylbenzene	13.074	119	443900	48.822	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	534804	50.496	ug/l	100
85) sec-Butylbenzene	13.257	105	664137	50.242	ug/l	100
86) p-Isopropyltoluene	13.373	119	556379	49.180	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	308501	49.199	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	306238	48.472	ug/l	100
89) n-Butylbenzene	13.696	91	521422	49.693	ug/l	99
90) Hexachloroethane	13.964	117	113240	50.233	ug/l	97
91) 1,2-Dichlorobenzene	13.739	146	286245	50.827	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	31301	58.870	ug/l	97
93) 1,2,4-Trichlorobenzene	15.007	180	180031	50.462	ug/l	99
94) Hexachlorobutadiene	15.111	225	103339	50.172	ug/l	98
95) Naphthalene	15.239	128	411474	56.822	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	166618	51.684	ug/l	99

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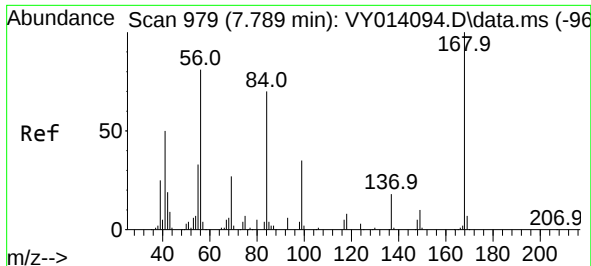
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 06/22/2023

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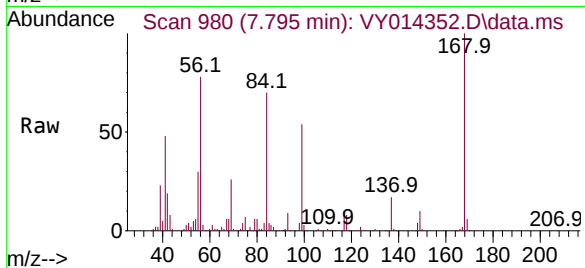
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
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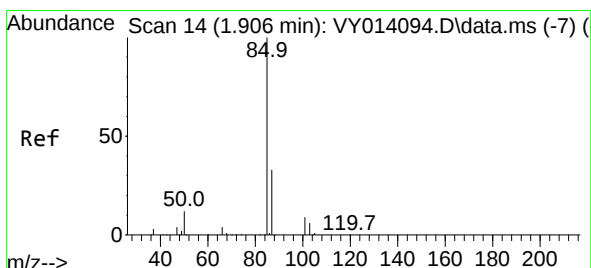
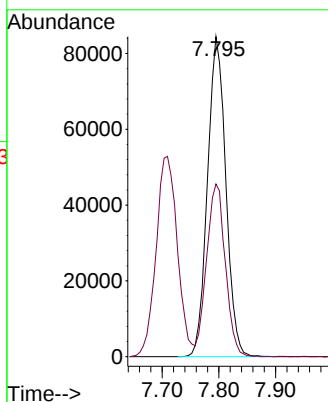
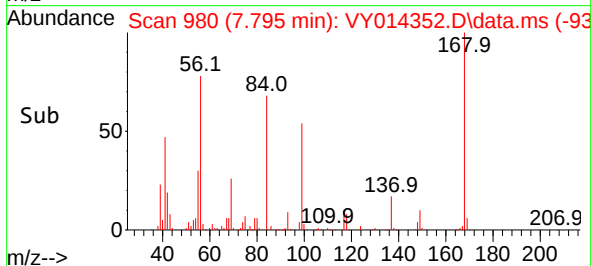
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 18956
Ion Ratio Lower Upper
168 100
99 53.9 43.4 65.0

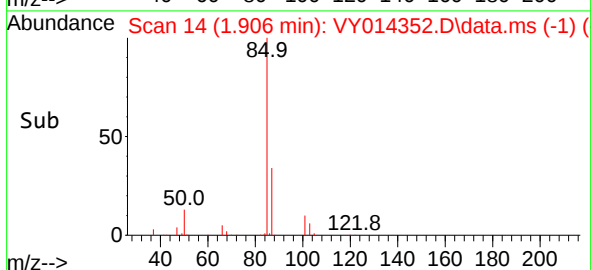
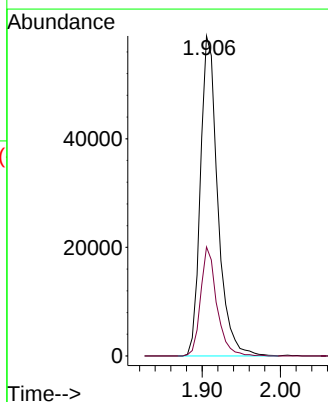
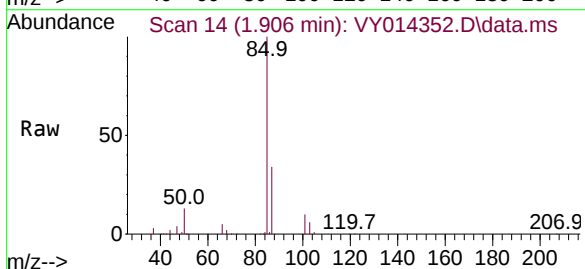
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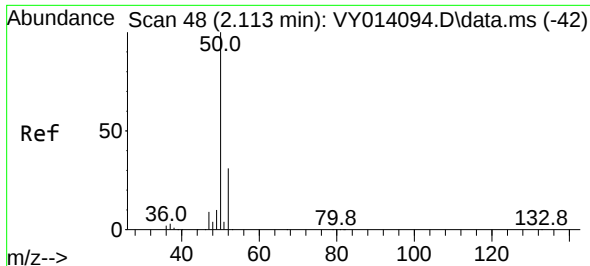
Reviewed By :Krupa Patel 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023



#2
Dichlorodifluoromethane
Concen: 42.821 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY014352.D
Acq: 21 Jun 2023 21:56

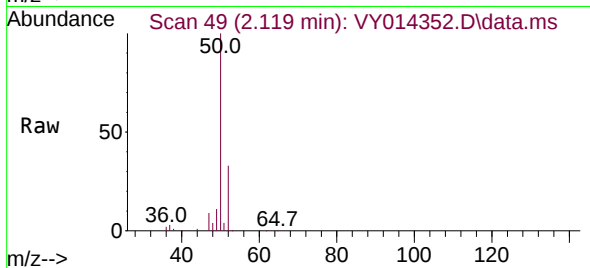
Tgt Ion: 85 Resp: 90467
Ion Ratio Lower Upper
85 100
87 34.1 15.6 46.8





#3
Chloromethane
Concen: 38.215 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.006 min
Lab File: VY014352.D
Acq: 21 Jun 2023 21:56

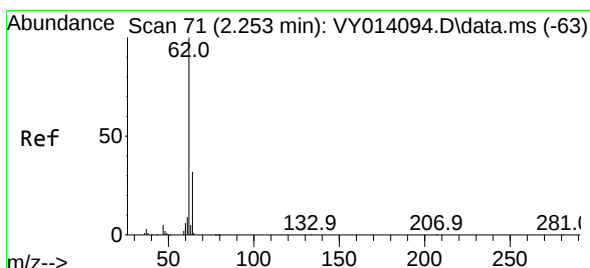
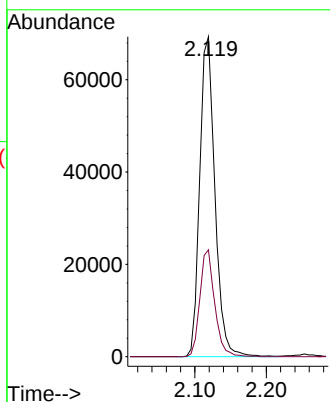
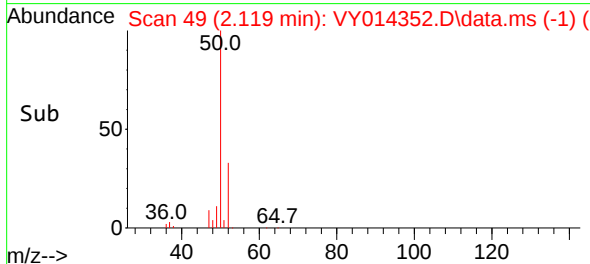
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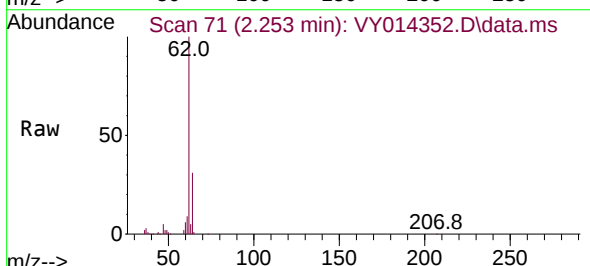
Tgt Ion: 50 Resp: 102370
Ion Ratio Lower Upper
50 100
52 33.4 25.4 38.2

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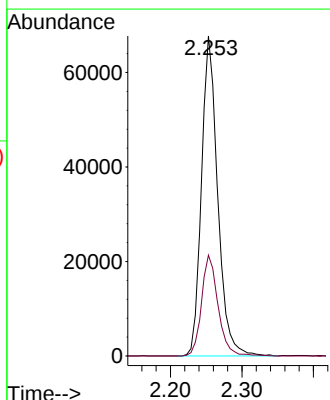
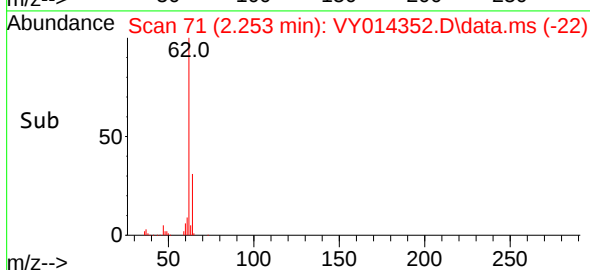
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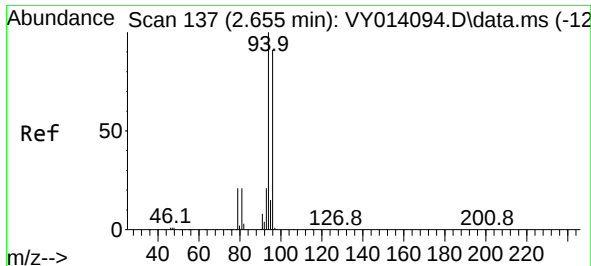


#4
Vinyl Chloride
Concen: 40.945 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY014352.D
Acq: 21 Jun 2023 21:56



Tgt Ion: 62 Resp: 106641
Ion Ratio Lower Upper
62 100
64 31.5 24.3 36.5





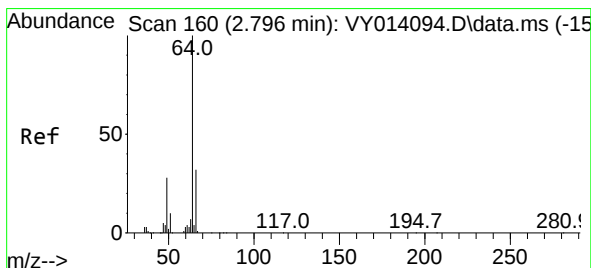
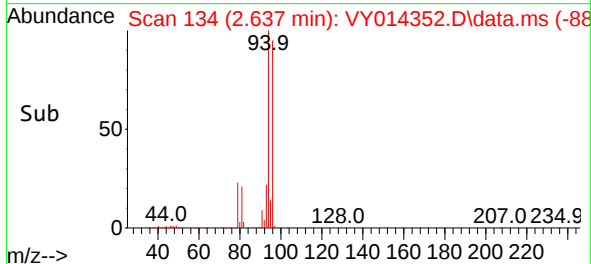
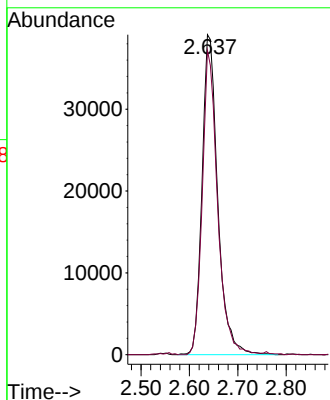
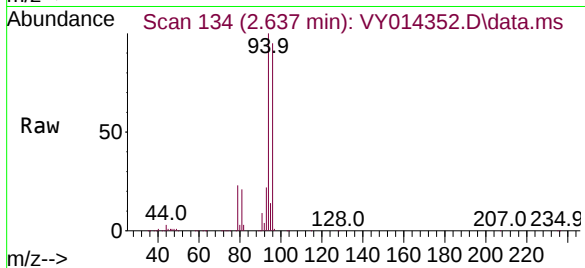
#5
Bromomethane
Concen: 41.038 ug/l
RT: 2.637 min Scan# 11
Delta R.T. -0.018 min
Lab File: VY014352.D
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Instrument :
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ClientSampleId :
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Tgt Ion: 94 Resp: 8818
Ion Ratio Lower Upper
94 100
96 95.1 75.8 113.6

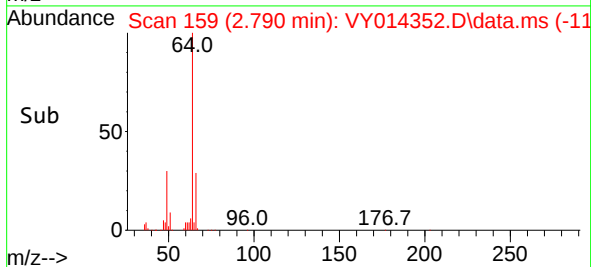
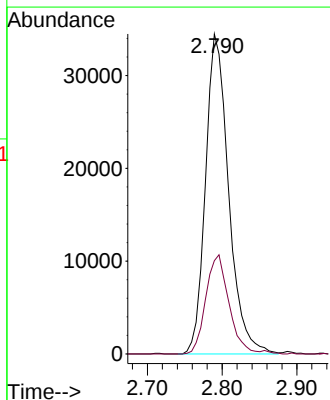
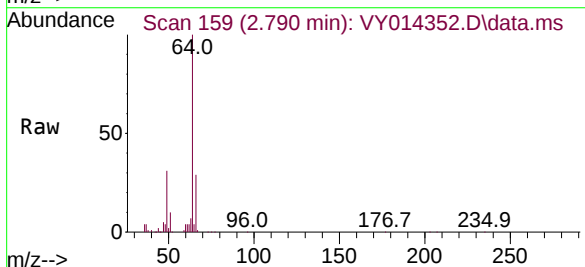
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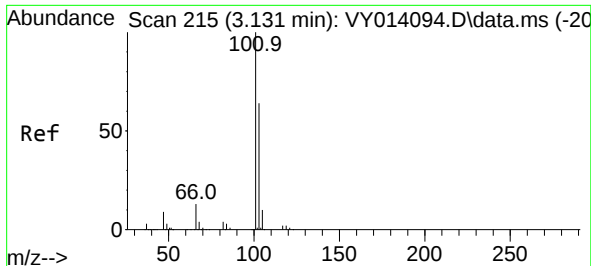
Reviewed By :Krupa Patel 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023



#6
Chloroethane
Concen: 41.976 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.006 min
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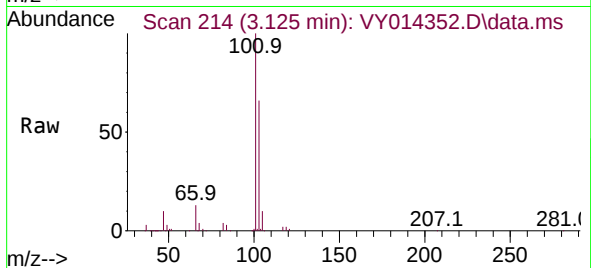
Tgt Ion: 64 Resp: 74288
Ion Ratio Lower Upper
64 100
66 29.1 24.4 36.6





#7
Trichlorofluoromethane
Concen: 49.348 ug/l
RT: 3.125 min Scan# 215
Delta R.T. -0.006 min
Lab File: VY014352.D
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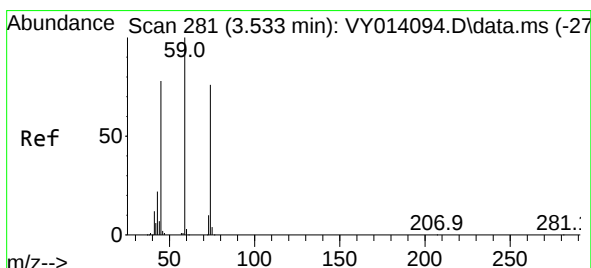
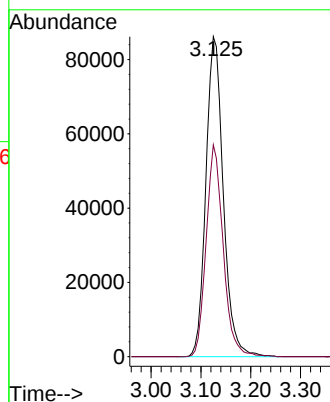
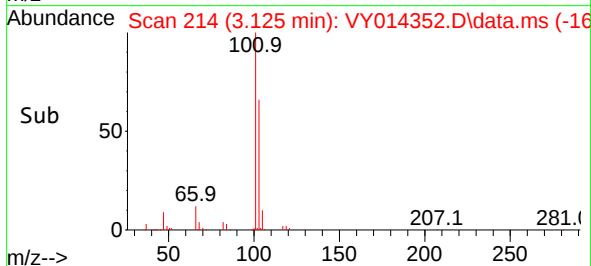
Instrument :
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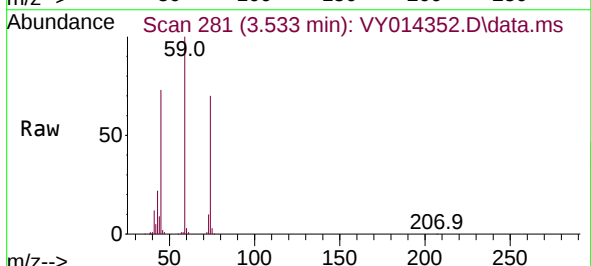
Tgt Ion:101 Resp: 208799
Ion Ratio Lower Upper
101 100
103 66.2 51.4 77.0

Manual Integrations
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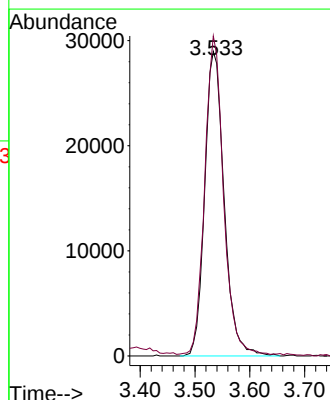
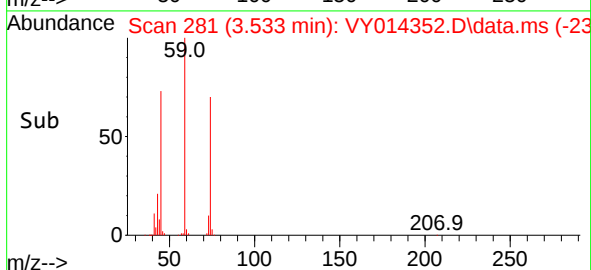
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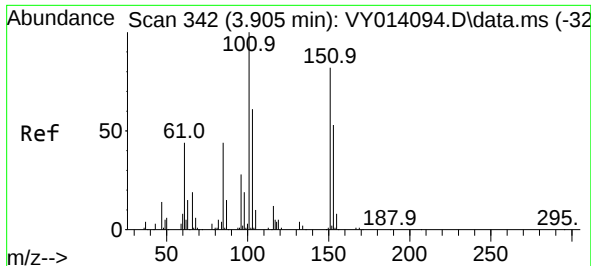


#8
Diethyl Ether
Concen: 50.453 ug/l
RT: 3.533 min Scan# 281
Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 71282
Ion Ratio Lower Upper
74 100
45 100.4 51.5 154.5





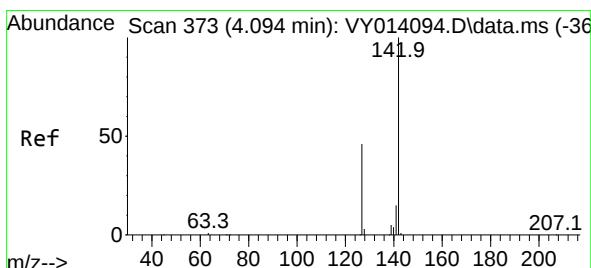
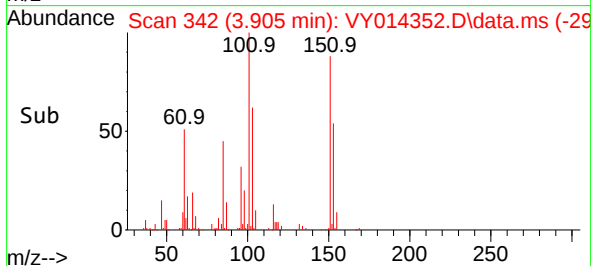
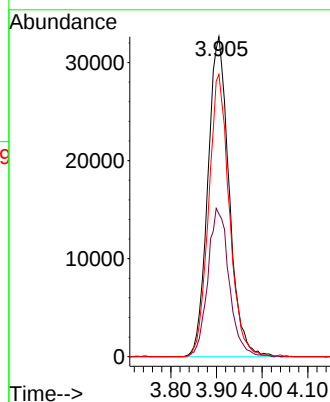
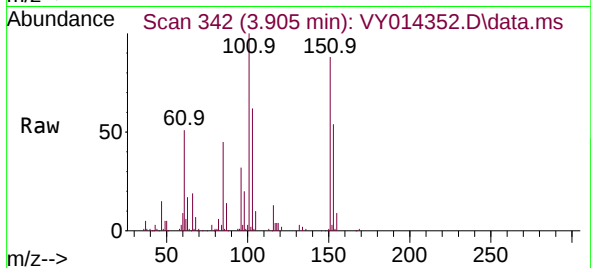
#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.387 ug/l
RT: 3.905 min Scan# 342
Delta R.T. 0.000 min
Lab File: VY014352.D
Acq: 21 Jun 2023 21:56

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 10546
Ion Ratio Lower Upper
101 100
85 46.5 36.6 55.0
151 85.7 67.0 100.6

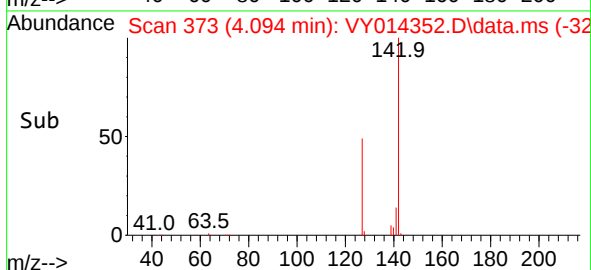
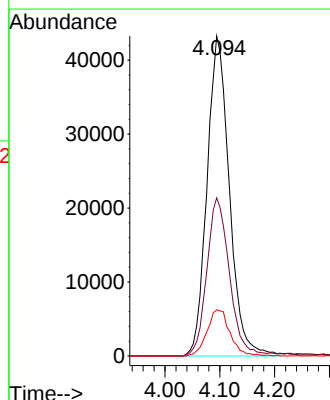
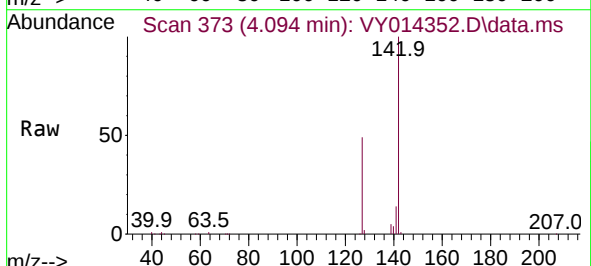
Manual Integrations
APPROVED

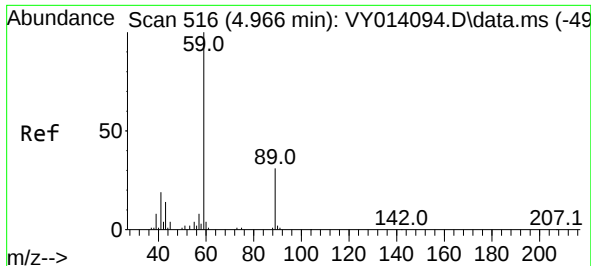
Reviewed By :Krupa Patel 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023



#10
Methyl Iodide
Concen: 43.366 ug/l
RT: 4.094 min Scan# 373
Delta R.T. 0.000 min
Lab File: VY014352.D
Acq: 21 Jun 2023 21:56

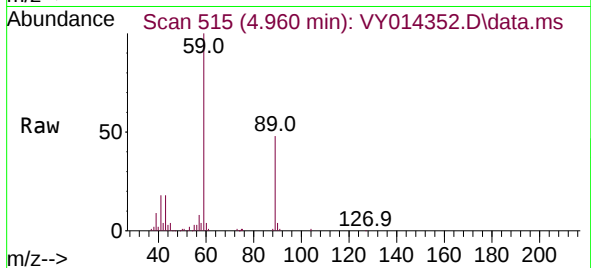
Tgt Ion:142 Resp: 122280
Ion Ratio Lower Upper
142 100
127 50.7 37.6 56.4
141 14.8 11.8 17.8





#11
Tert butyl alcohol
Concen: 461.543 ug/l
RT: 4.960 min Scan# 516
Delta R.T. -0.006 min
Lab File: VY014352.D
Acq: 21 Jun 2023 21:56

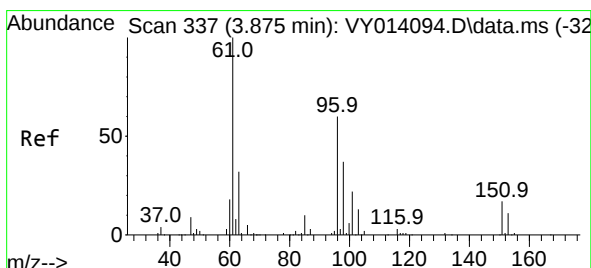
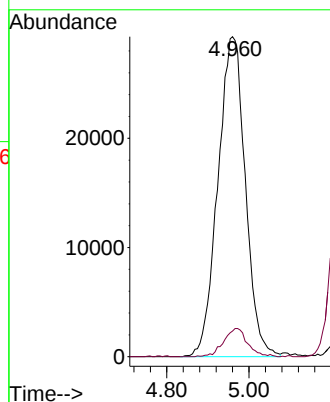
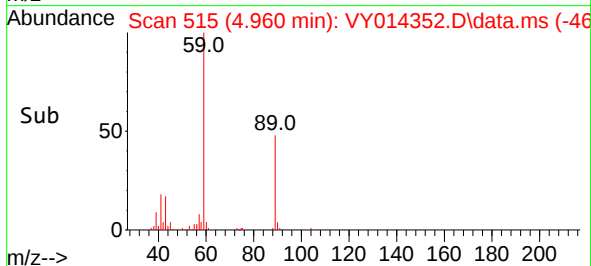
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 59 Resp: 135748
Ion Ratio Lower Upper
59 100
57 7.7 3.0 4.4

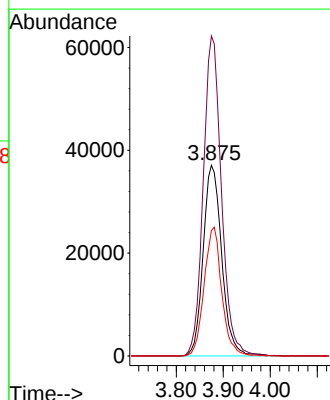
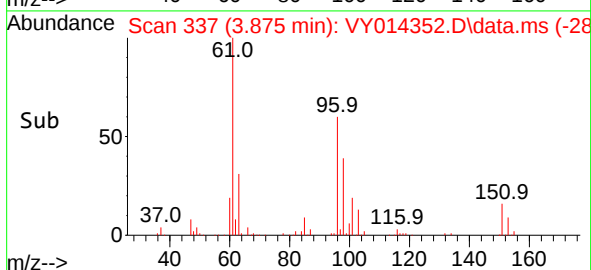
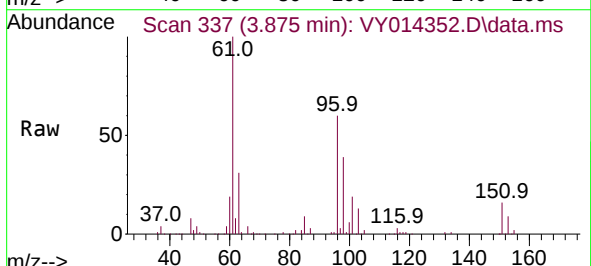
Manual Integrations
APPROVED

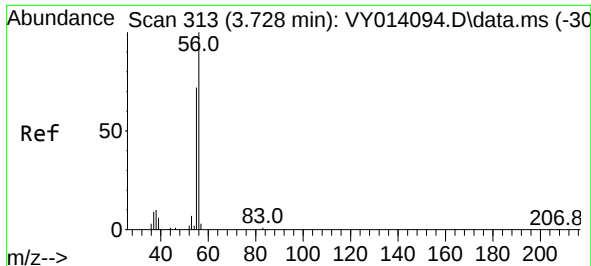
Reviewed By :Krupa Patel 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023



#12
1,1-Dichloroethene
Concen: 47.003 ug/l
RT: 3.875 min Scan# 337
Delta R.T. -0.000 min
Lab File: VY014352.D
Acq: 21 Jun 2023 21:56

Tgt Ion: 96 Resp: 101734
Ion Ratio Lower Upper
96 100
61 167.7 136.4 204.6
98 65.7 49.4 74.2





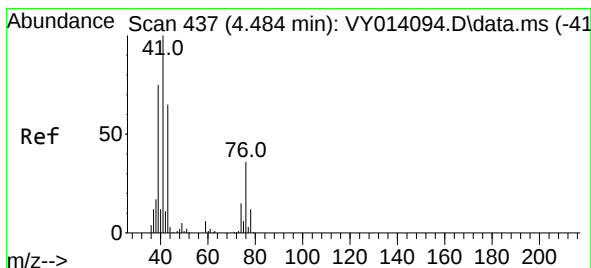
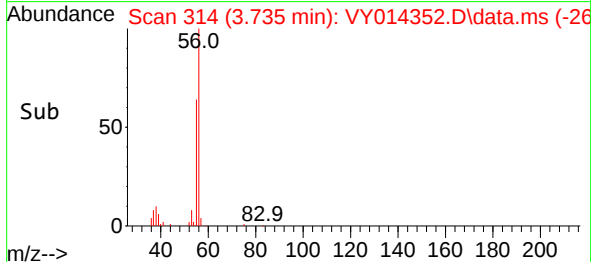
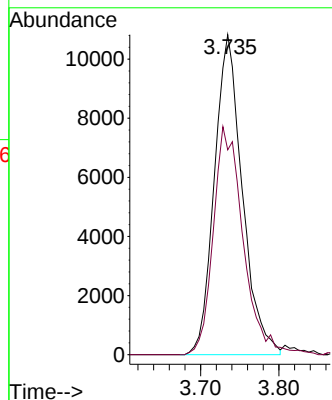
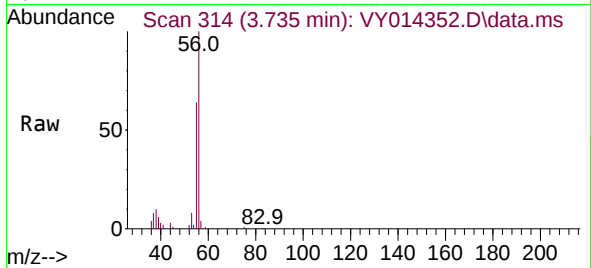
#13
Acrolein
Concen: 216.111 ug/l
RT: 3.735 min Scan# 313
Delta R.T. 0.007 min
Lab File: VY014352.D
Acq: 21 Jun 2023 21:56

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 26800
Ion Ratio Lower Upper
56 100
55 76.3 57.0 85.4

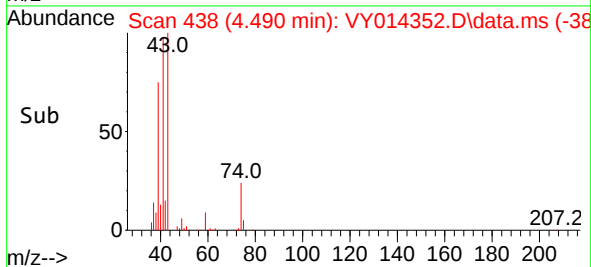
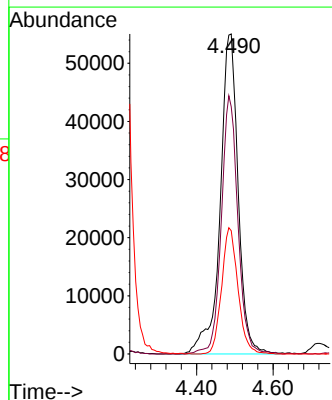
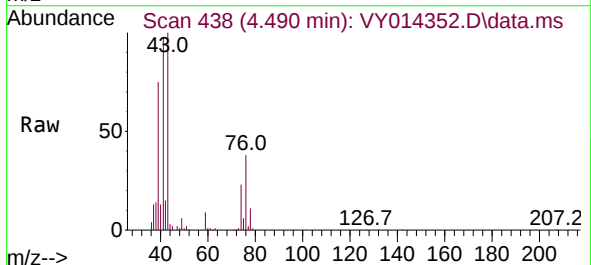
Manual Integrations
APPROVED

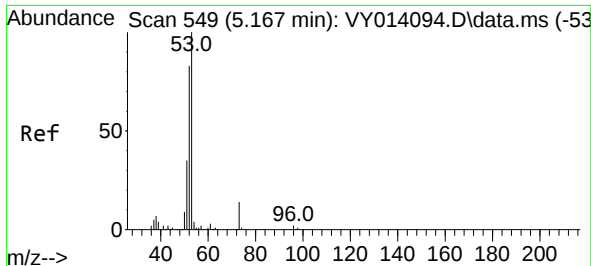
Reviewed By :Krupa Patel 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023



#14
Allyl chloride
Concen: 45.852 ug/l
RT: 4.490 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY014352.D
Acq: 21 Jun 2023 21:56

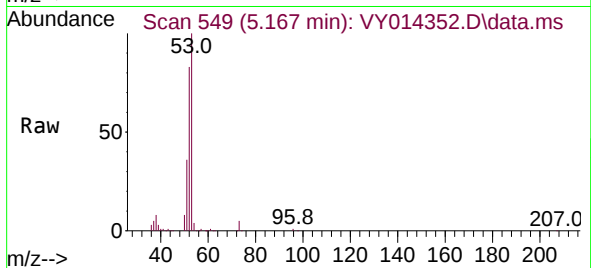
Tgt Ion: 41 Resp: 179895
Ion Ratio Lower Upper
41 100
39 74.3 58.0 87.0
76 35.9 27.4 41.2





#15
Acrylonitrile
Concen: 304.779 ug/l
RT: 5.167 min Scan# 549
Delta R.T. 0.000 min
Lab File: VY014352.D
Acq: 21 Jun 2023 21:56

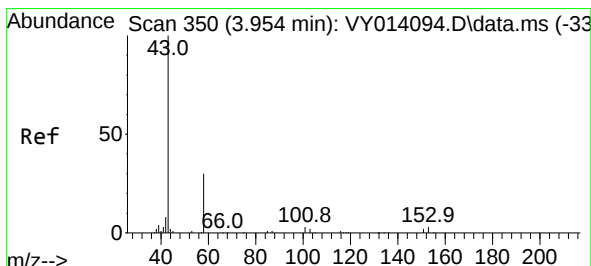
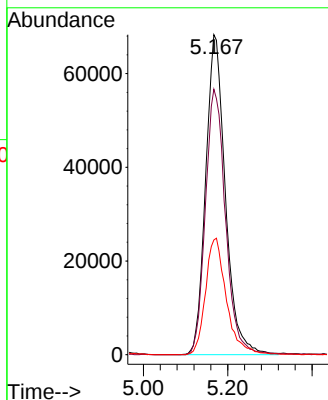
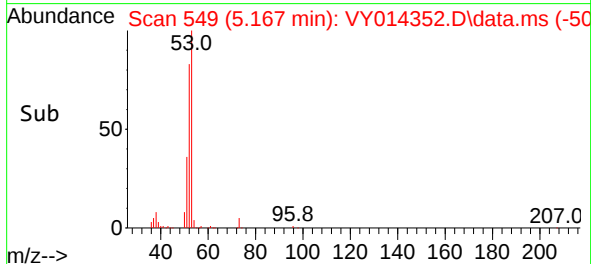
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



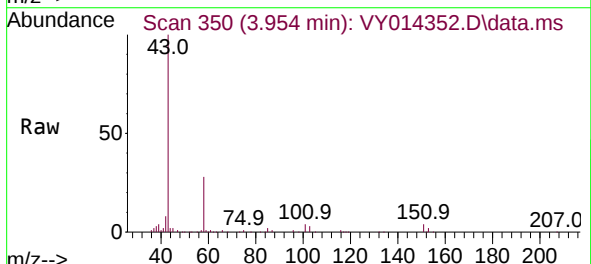
Tgt Ion: 53 Resp: 222104
Ion Ratio Lower Upper
53 100
52 84.7 66.9 100.3
51 38.6 29.8 44.6

Manual Integrations
APPROVED

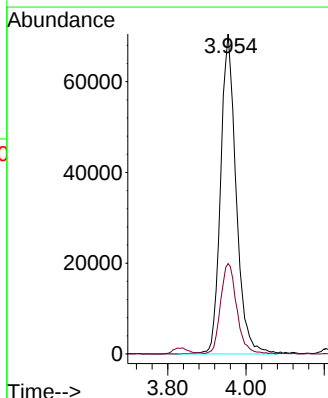
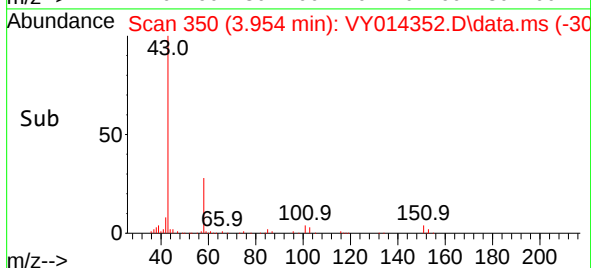
Reviewed By :Krupa Patel 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023

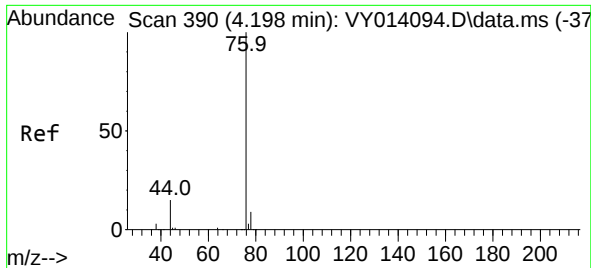


#16
Acetone
Concen: 244.912 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.000 min
Lab File: VY014352.D
Acq: 21 Jun 2023 21:56



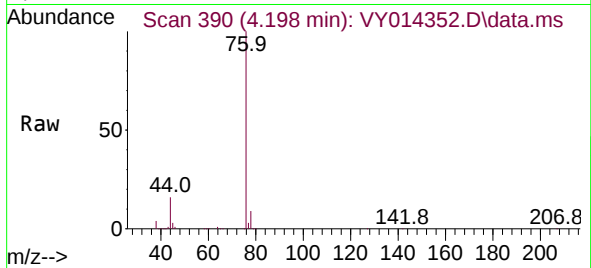
Tgt Ion: 43 Resp: 194877
Ion Ratio Lower Upper
43 100
58 28.1 22.7 34.1





#17
Carbon Disulfide
Concen: 43.068 ug/l
RT: 4.198 min Scan# 390
Delta R.T. -0.000 min
Lab File: VY014352.D
Acq: 21 Jun 2023 21:56

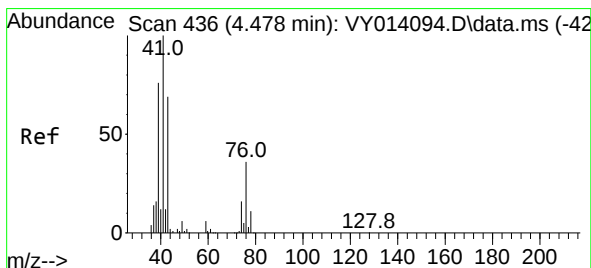
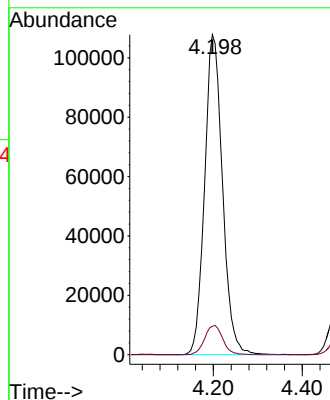
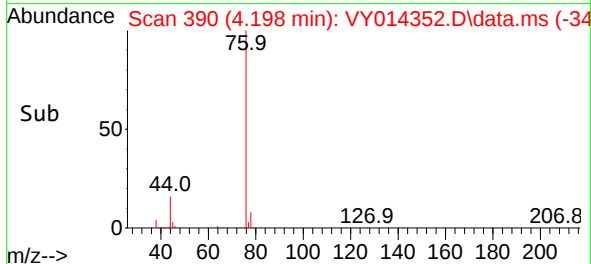
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



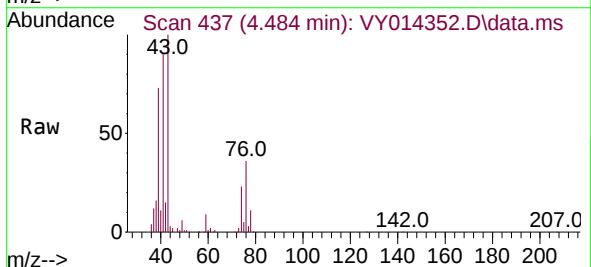
Tgt Ion: 76 Resp: 30207
Ion Ratio Lower Upper
76 100
78 8.9 7.0 10.4

Manual Integrations
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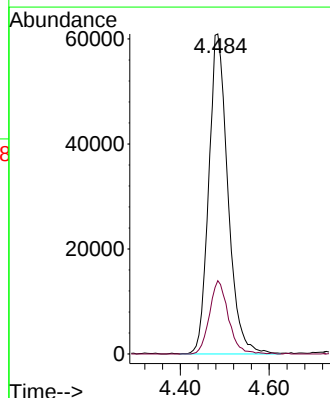
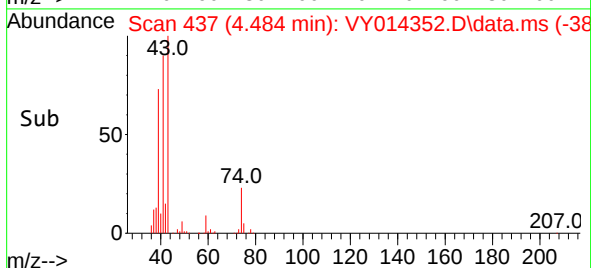
Reviewed By :Krupa Patel 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023



#18
Methyl Acetate
Concen: 59.091 ug/l
RT: 4.484 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY014352.D
Acq: 21 Jun 2023 21:56



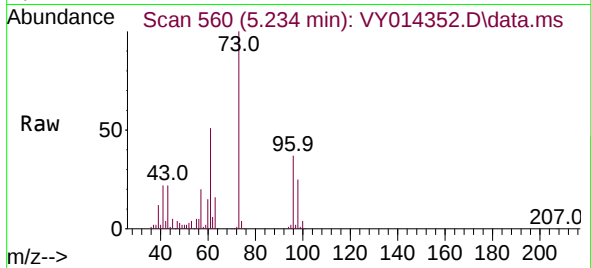
Tgt Ion: 43 Resp: 182505
Ion Ratio Lower Upper
43 100
74 22.6 17.4 26.0





#19
Methyl tert-butyl Ether
Concen: 54.801 ug/l
RT: 5.234 min Scan# 50
Delta R.T. 0.012 min
Lab File: VY014352.D
Acq: 21 Jun 2023 21:56

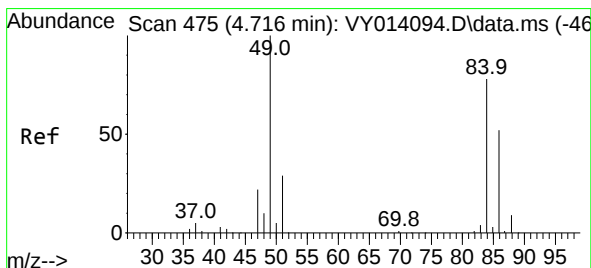
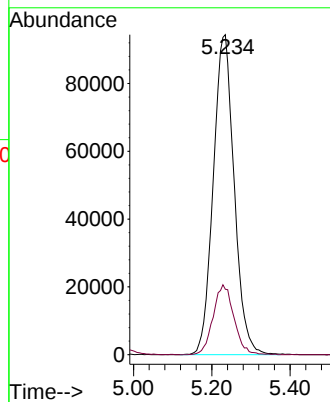
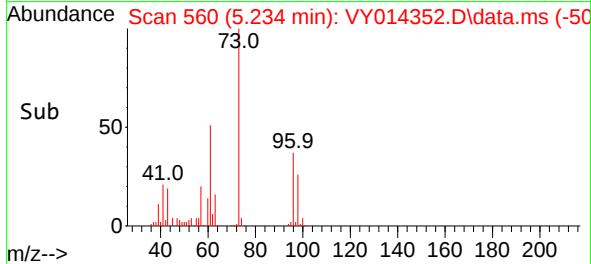
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 34983
Ion Ratio Lower Upper
73 100
57 20.4 17.3 25.9

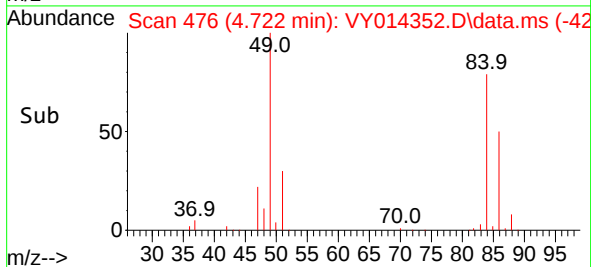
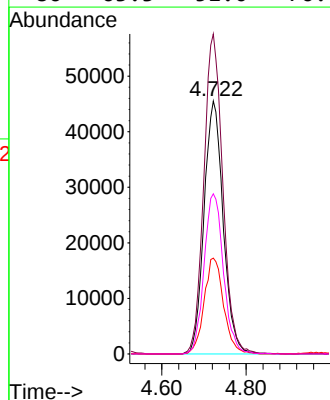
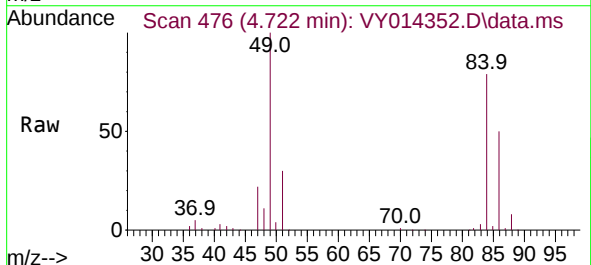
Manual Integrations
APPROVED

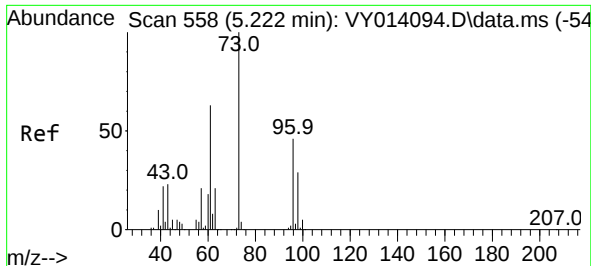
Reviewed By :Krupa Patel 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023



#20
Methylene Chloride
Concen: 57.048 ug/l
RT: 4.722 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY014352.D
Acq: 21 Jun 2023 21:56

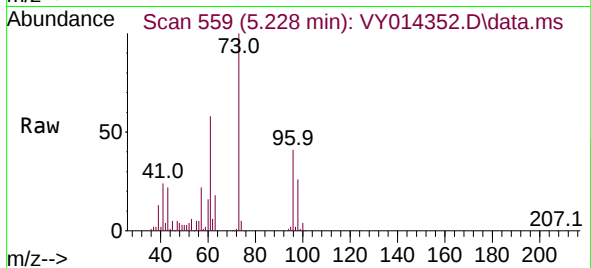
Tgt Ion: 84 Resp: 143635
Ion Ratio Lower Upper
84 100
49 126.5 106.9 160.3
51 37.9 33.2 49.8
86 63.3 51.0 76.6





#21
trans-1,2-Dichloroethene
Concen: 49.111 ug/l
RT: 5.228 min Scan# 511
Delta R.T. 0.006 min
Lab File: VY014352.D
Acq: 21 Jun 2023 21:56

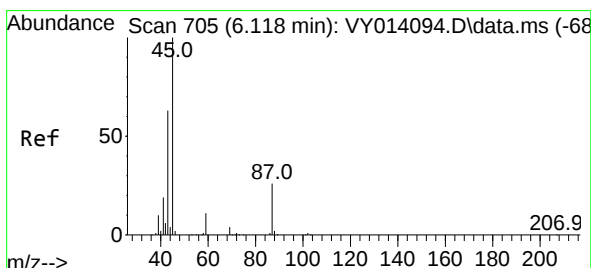
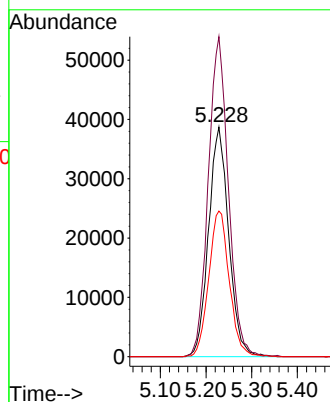
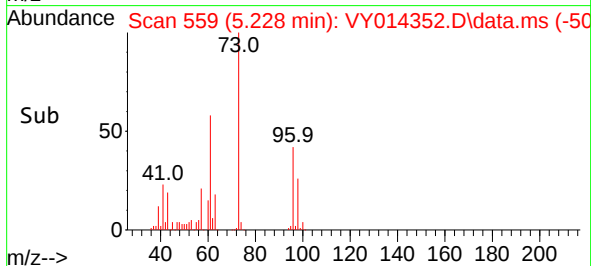
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 118558
Ion Ratio Lower Upper
96 100
61 139.4 110.2 165.4
98 63.4 51.8 77.6

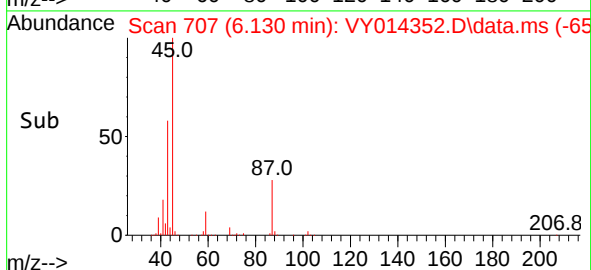
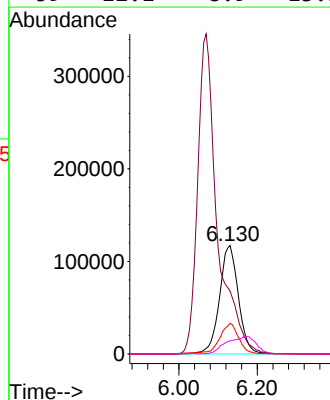
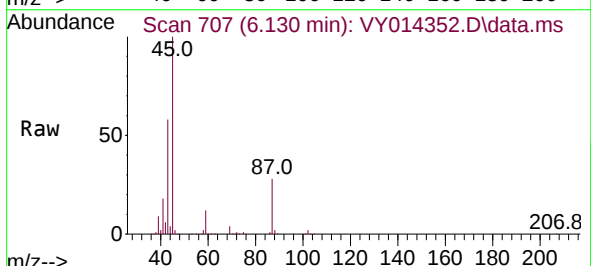
Manual Integrations
APPROVED

Reviewed By :Krupa Patel 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023



#22
Diisopropyl ether
Concen: 52.328 ug/l
RT: 6.130 min Scan# 707
Delta R.T. 0.012 min
Lab File: VY014352.D
Acq: 21 Jun 2023 21:56

Tgt Ion: 45 Resp: 393082
Ion Ratio Lower Upper
45 100
43 57.5 52.2 78.4
87 28.4 21.0 31.6
59 12.1 8.9 13.3





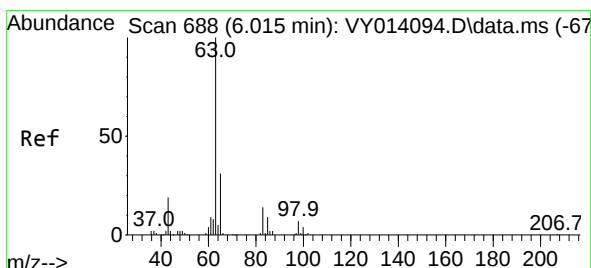
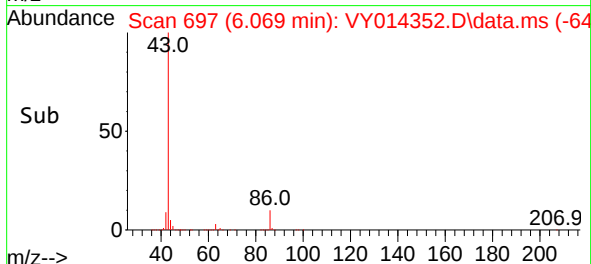
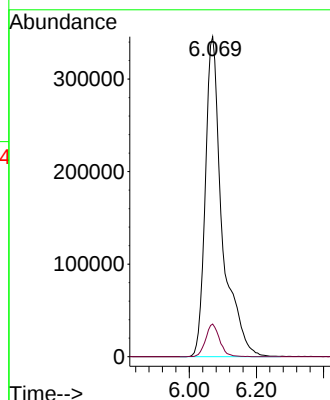
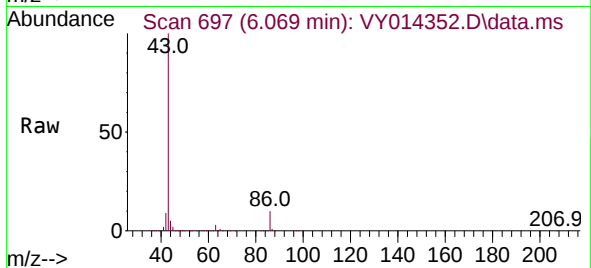
#23
 Vinyl Acetate
 Concen: 272.579 ug/l
 RT: 6.069 min Scan# 696
 Delta R.T. 0.006 min
 Lab File: VY014352.D
 Acq: 21 Jun 2023 21:56

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 120811
 Ion Ratio Lower Upper
 43 100
 86 10.2 7.5 11.3

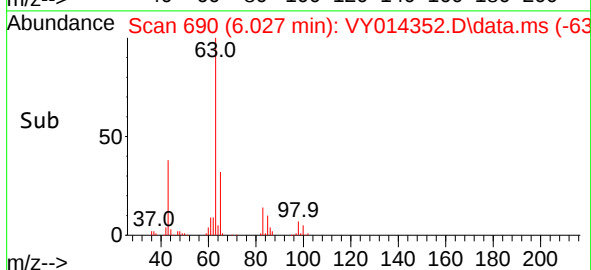
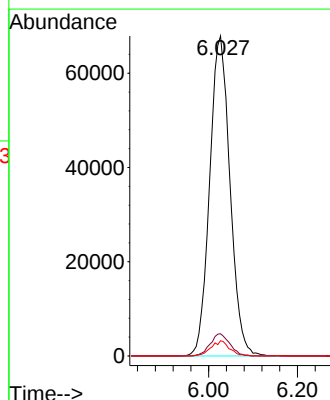
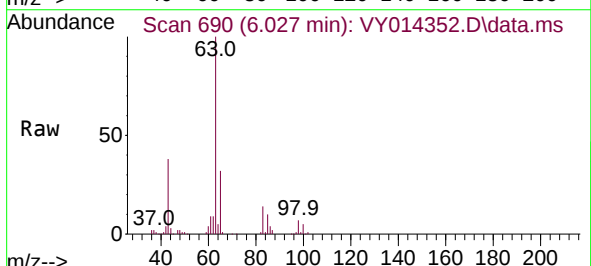
Manual Integrations
 APPROVED

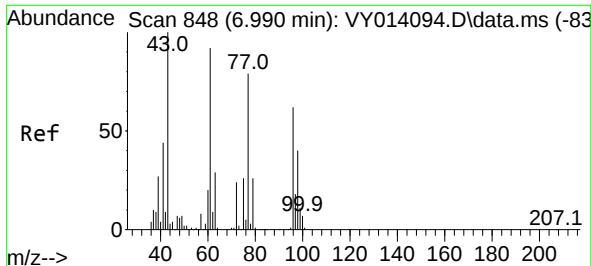
Reviewed By :Krupa Patel 06/22/2023
 Supervised By :Mahesh Dadoda 06/22/2023



#24
 1,1-Dichloroethane
 Concen: 49.778 ug/l
 RT: 6.027 min Scan# 690
 Delta R.T. 0.012 min
 Lab File: VY014352.D
 Acq: 21 Jun 2023 21:56

Tgt Ion: 63 Resp: 215594
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.1 9.4
 100 4.8 1.8 5.5





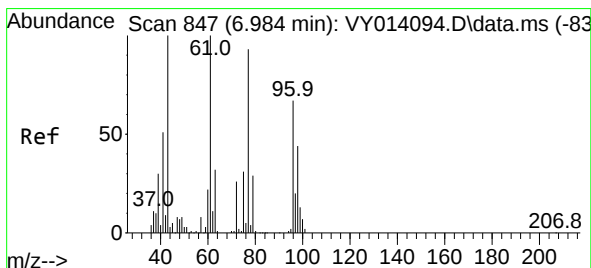
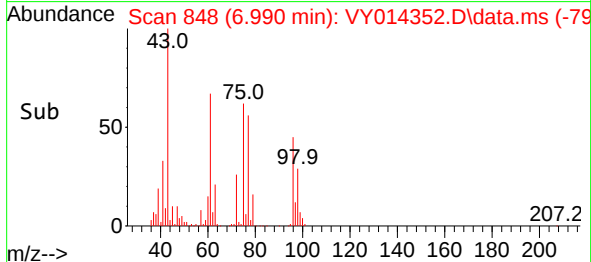
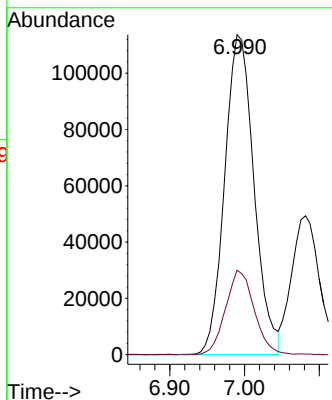
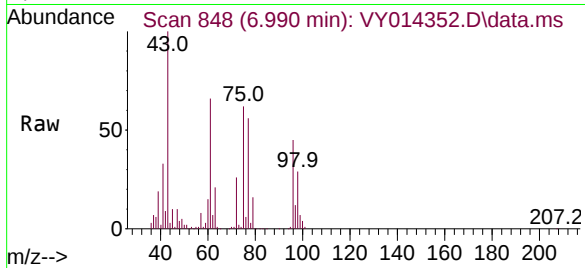
#25
2-Butanone
Concen: 316.748 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.000 min
Lab File: VY014352.D
Acq: 21 Jun 2023 21:56

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 31024
Ion Ratio Lower Upper
43 100
72 26.4 20.5 30.7

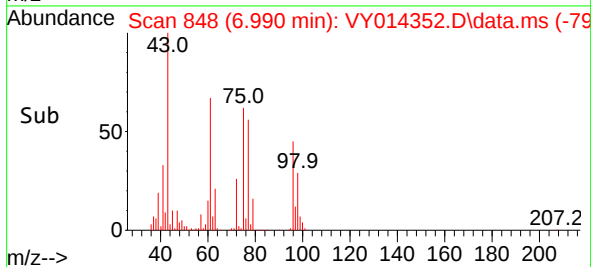
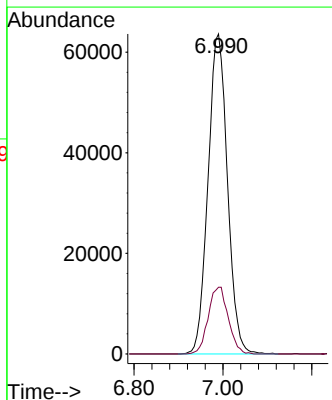
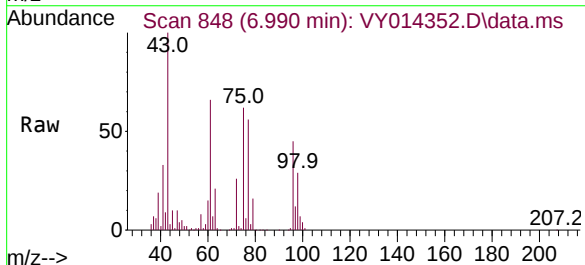
Manual Integrations
APPROVED

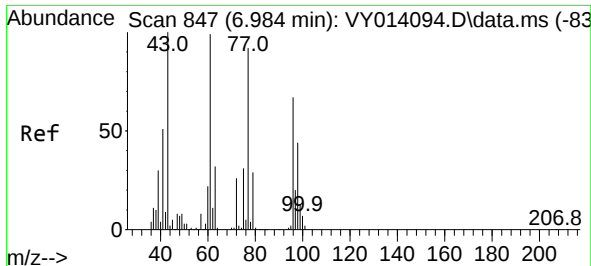
Reviewed By :Krupa Patel 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023



#26
2,2-Dichloropropane
Concen: 47.428 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY014352.D
Acq: 21 Jun 2023 21:56

Tgt Ion: 77 Resp: 192934
Ion Ratio Lower Upper
77 100
97 21.5 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 51.563 ug/l

RT: 6.990 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY014352.D

Acq: 21 Jun 2023 21:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 139249

Ion Ratio Lower Upper

96 100

61 148.4 0.0 301.4

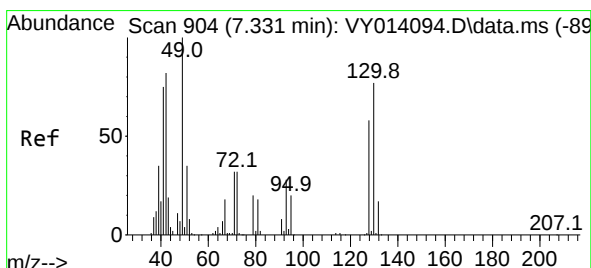
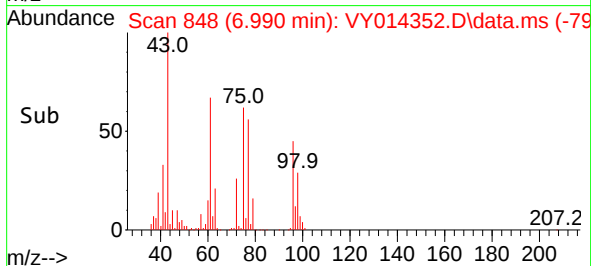
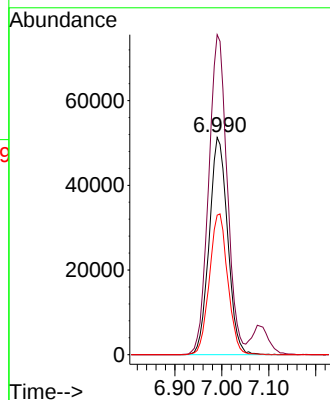
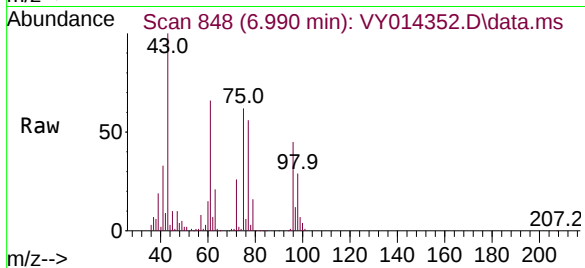
98 64.6 0.0 130.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 06/22/2023

Supervised By :Mahesh Dadoda 06/22/2023



#28

Bromochloromethane

Concen: 50.861 ug/l

RT: 7.338 min Scan# 905

Delta R.T. 0.007 min

Lab File: VY014352.D

Acq: 21 Jun 2023 21:56

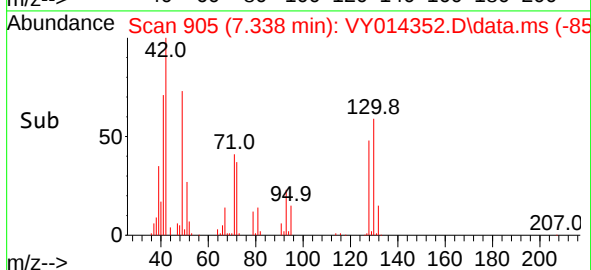
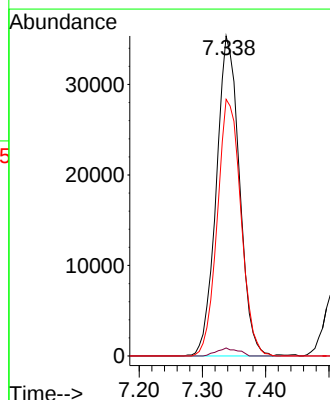
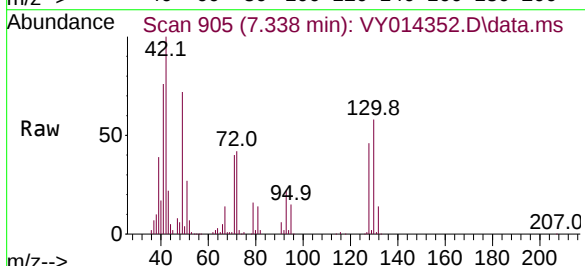
Tgt Ion: 49 Resp: 89583

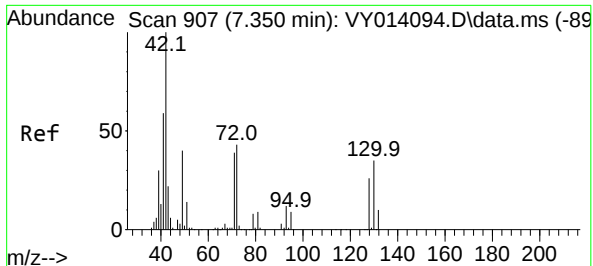
Ion Ratio Lower Upper

49 100

129 2.3 0.0 4.6

130 81.9 60.7 91.1





#29

Tetrahydrofuran

Concen: 332.673 ug/l

RT: 7.356 min Scan# 907

Delta R.T. 0.006 min

Lab File: VY014352.D

Acq: 21 Jun 2023 21:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

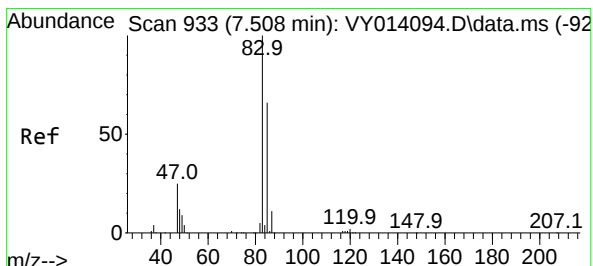
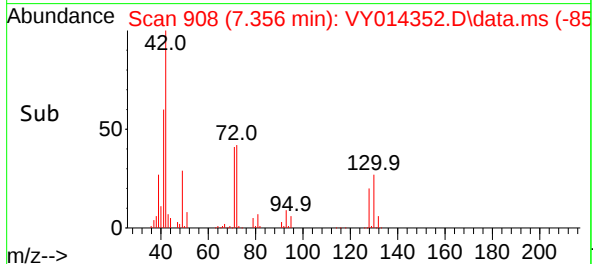
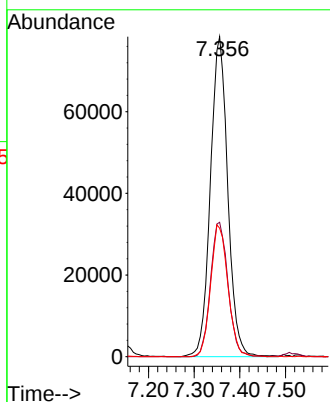
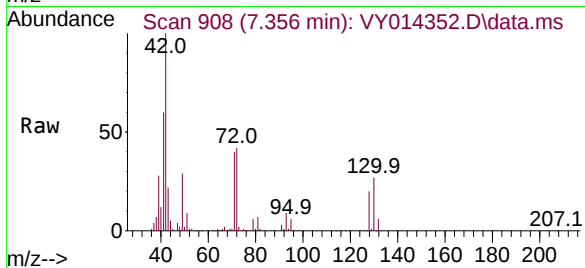
Tgt Ion:	42	Resp:	20662
Ion Ratio	Lower	Upper	
42	100		
72	42.4	32.8	49.2
71	41.2	31.0	46.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 06/22/2023

Supervised By :Mahesh Dadoda 06/22/2023



#30

Chloroform

Concen: 53.326 ug/l

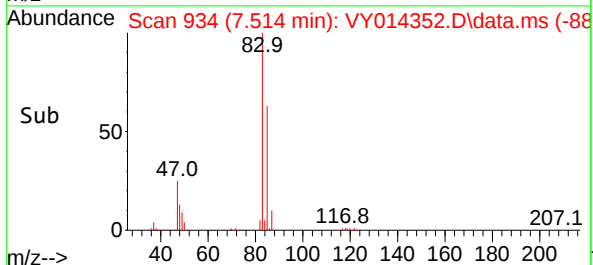
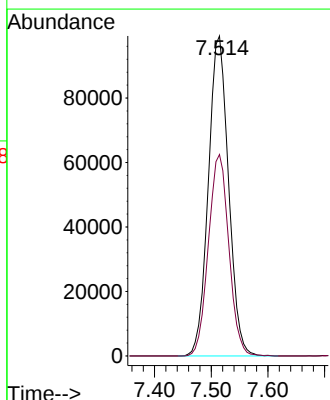
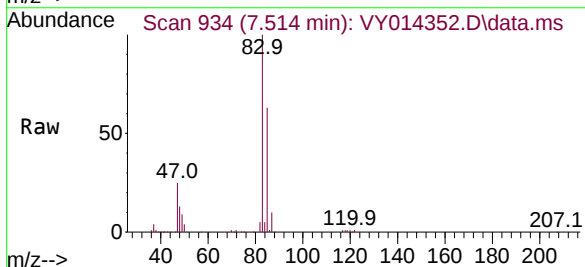
RT: 7.514 min Scan# 934

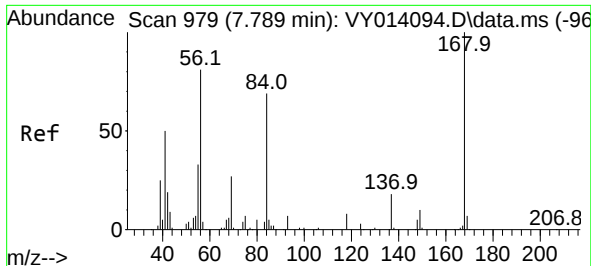
Delta R.T. 0.006 min

Lab File: VY014352.D

Acq: 21 Jun 2023 21:56

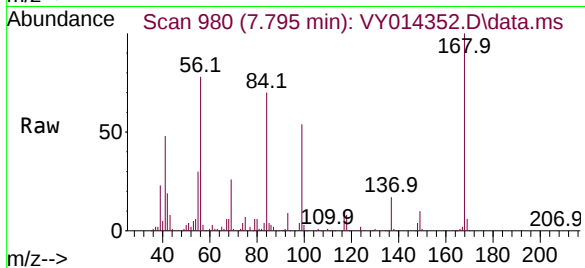
Tgt Ion:	83	Resp:	245027
Ion Ratio	Lower	Upper	
83	100		
85	62.9	49.7	74.5





#31
Cyclohexane
Concen: 48.019 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY014352.D
Acq: 21 Jun 2023 21:56

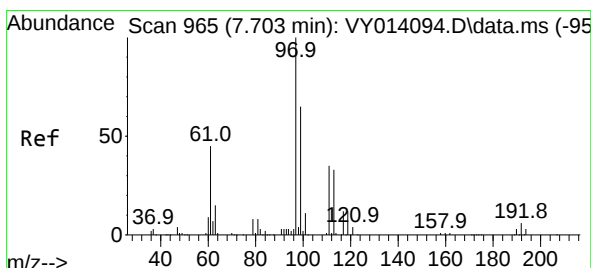
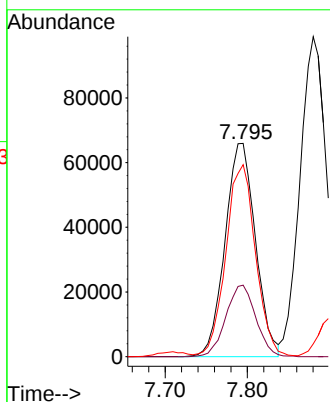
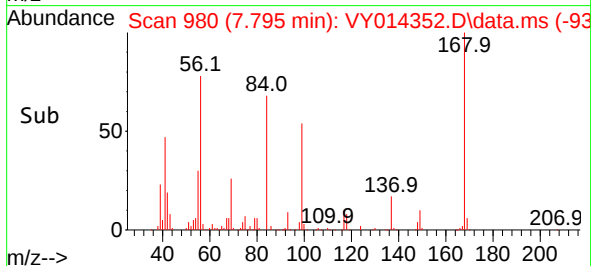
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 169800
Ion Ratio Lower Upper
56 100
69 33.5 27.8 41.6
84 88.2 66.4 99.6

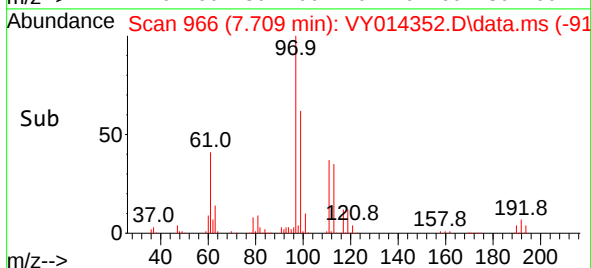
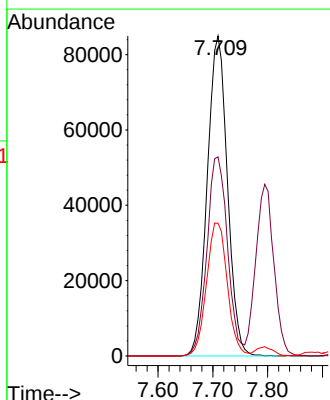
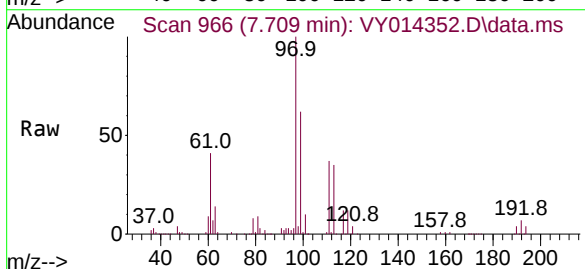
Manual Integrations
APPROVED

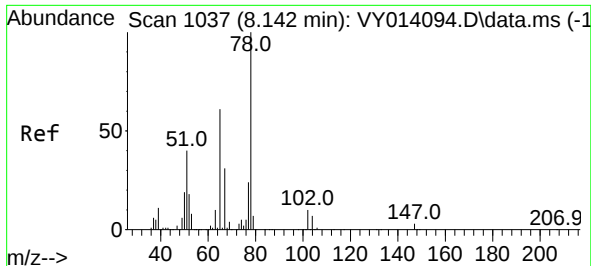
Reviewed By :Krupa Patel 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023



#32
1,1,1-Trichloroethane
Concen: 52.330 ug/l
RT: 7.709 min Scan# 966
Delta R.T. 0.006 min
Lab File: VY014352.D
Acq: 21 Jun 2023 21:56

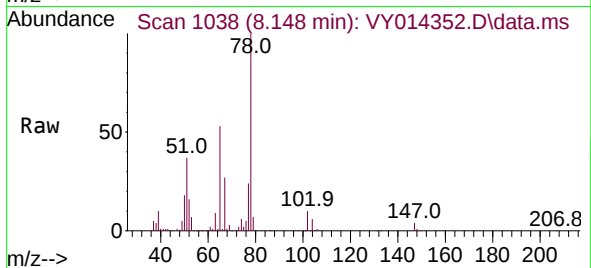
Tgt Ion: 97 Resp: 216864
Ion Ratio Lower Upper
97 100
99 63.8 50.8 76.2
61 42.8 35.1 52.7





#33
1,2-Dichloroethane-d4
Concen: 48.028 ug/l
RT: 8.148 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY014352.D
Acq: 21 Jun 2023 21:56

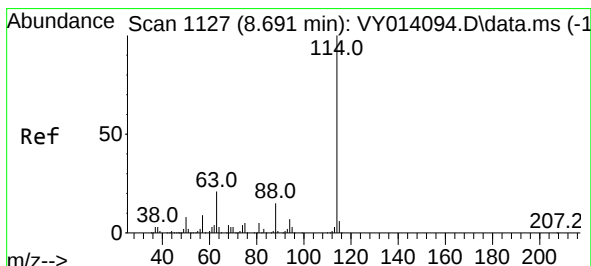
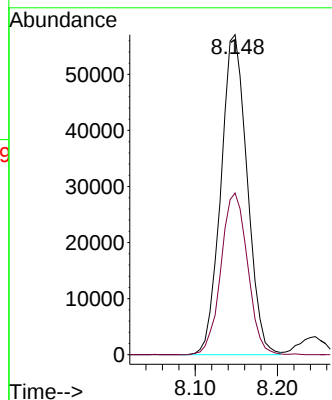
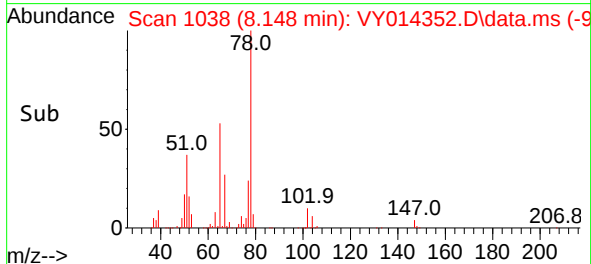
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 65 Resp: 12678
Ion Ratio Lower Upper
65 100
67 51.0 0.0 101.8

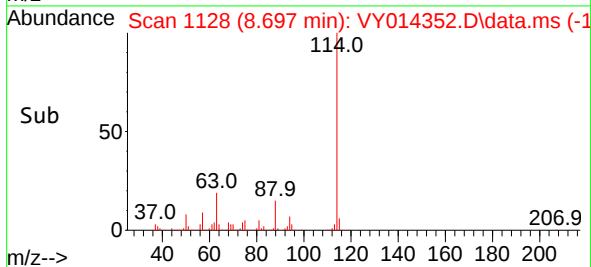
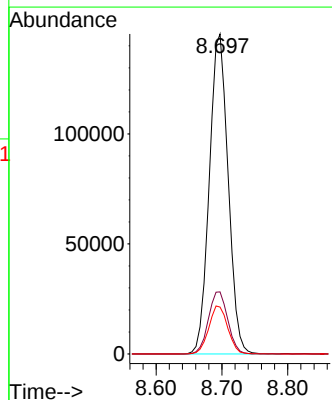
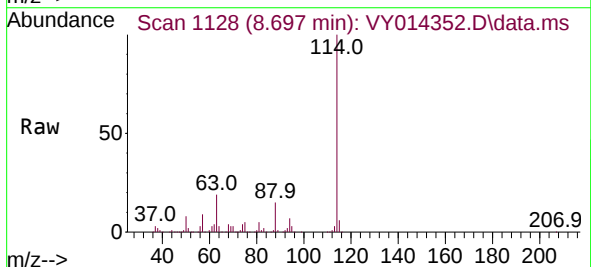
Manual Integrations
APPROVED

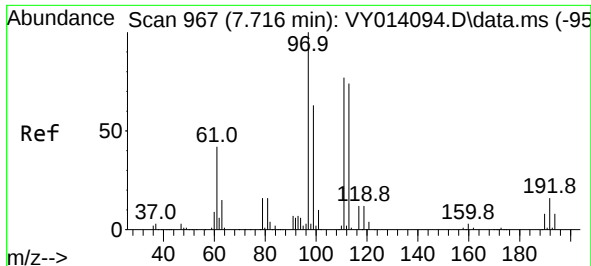
Reviewed By :Krupa Patel 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VY014352.D
Acq: 21 Jun 2023 21:56

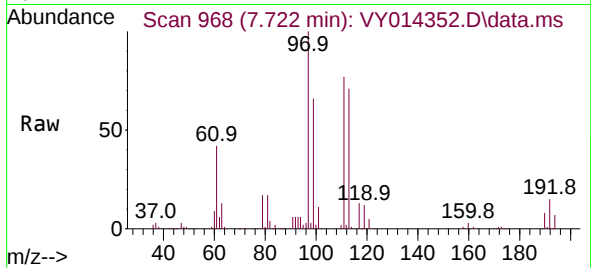
Tgt Ion:114 Resp: 289286
Ion Ratio Lower Upper
114 100
63 19.4 0.0 42.4
88 14.7 0.0 30.6





#35
Dibromofluoromethane
Concen: 51.314 ug/l
RT: 7.722 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY014352.D
Acq: 21 Jun 2023 21:56

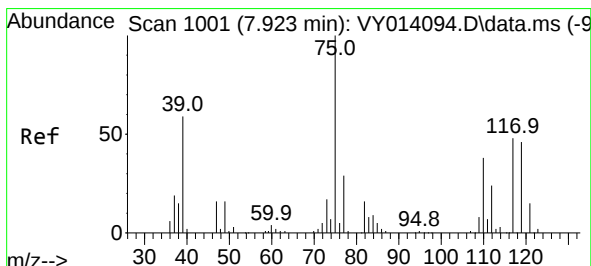
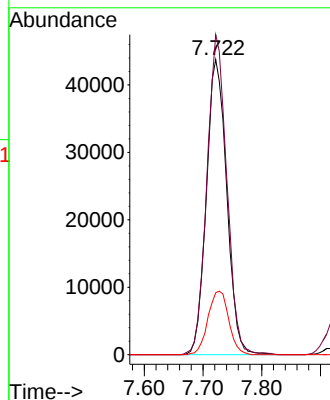
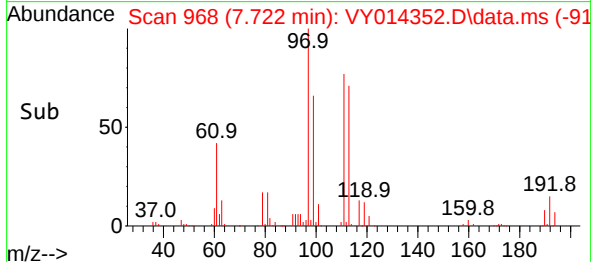
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



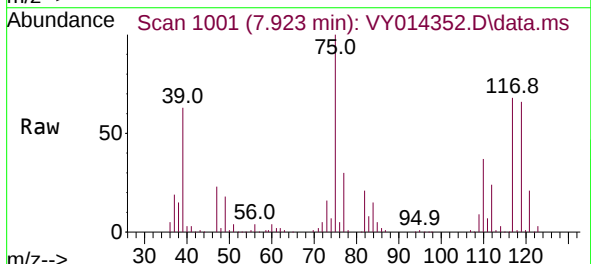
Tgt Ion: 113 Resp: 10527
Ion Ratio Lower Upper
113 100
111 106.1 81.3 121.9
192 21.9 16.9 25.3

Manual Integrations
APPROVED

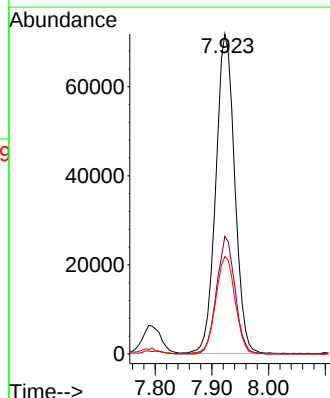
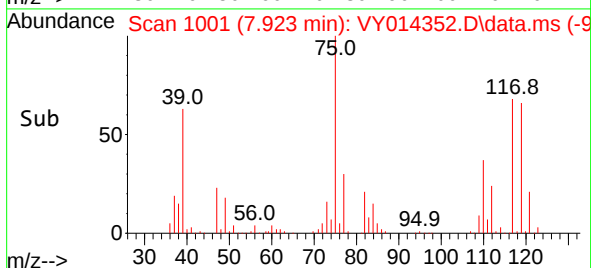
Reviewed By :Krupa Patel 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023

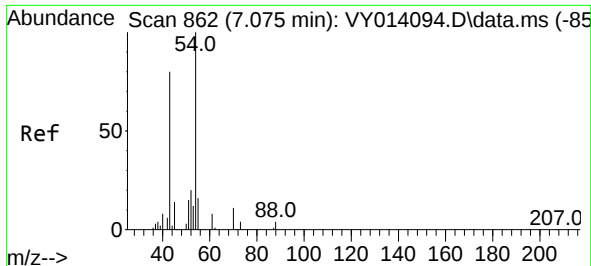


#36
1,1-Dichloropropene
Concen: 51.899 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. -0.000 min
Lab File: VY014352.D
Acq: 21 Jun 2023 21:56



Tgt Ion: 75 Resp: 165994
Ion Ratio Lower Upper
75 100
110 35.8 17.8 53.5
77 31.6 24.4 36.6





#37

Ethyl Acetate

Concen: 59.772 ug/l

RT: 7.081 min Scan# 80

Delta R.T. 0.006 min

Lab File: VY014352.D

Acq: 21 Jun 2023 21:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 13190

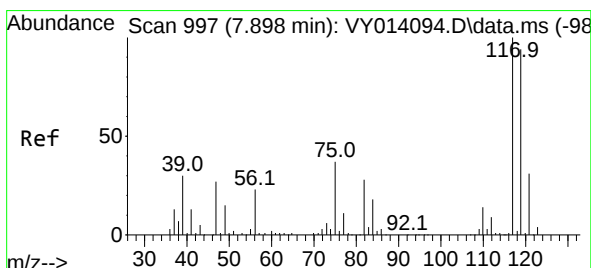
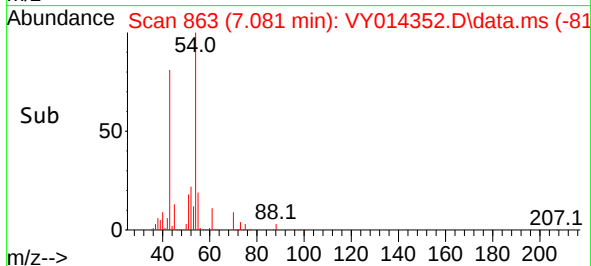
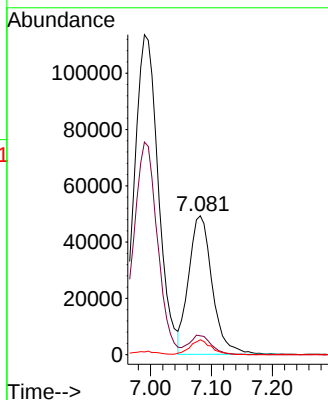
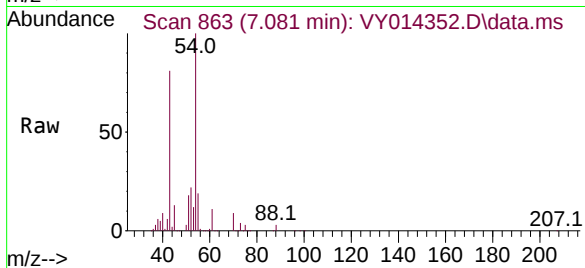
Ion	Ratio	Lower	Upper
43	100		
61	13.3	10.1	15.1
70	9.7	7.1	10.7

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 06/22/2023

Supervised By :Mahesh Dadoda 06/22/2023



#38

Carbon Tetrachloride

Concen: 53.867 ug/l

RT: 7.904 min Scan# 998

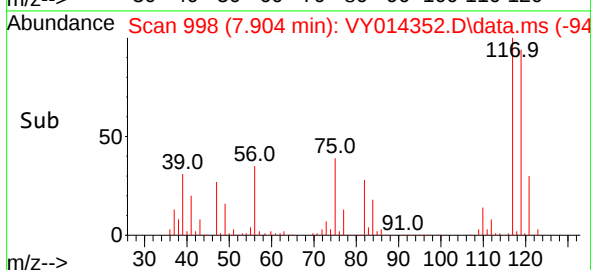
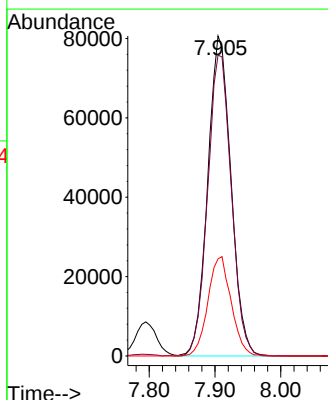
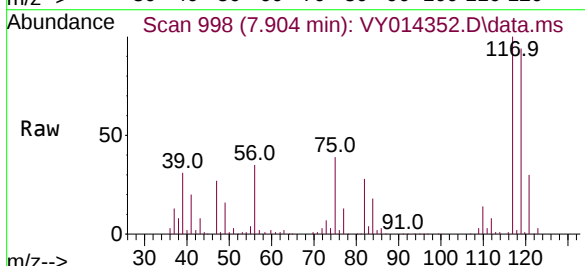
Delta R.T. 0.006 min

Lab File: VY014352.D

Acq: 21 Jun 2023 21:56

Tgt Ion:117 Resp: 198818

Ion	Ratio	Lower	Upper
117	100		
119	94.0	76.4	114.6
121	30.4	25.8	38.6





#39

Methylcyclohexane

Concen: 51.940 ug/l

RT: 9.191 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VY014352.D

Acq: 21 Jun 2023 21:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 184318

Ion Ratio Lower Upper

83 100

55 75.0 63.0 94.4

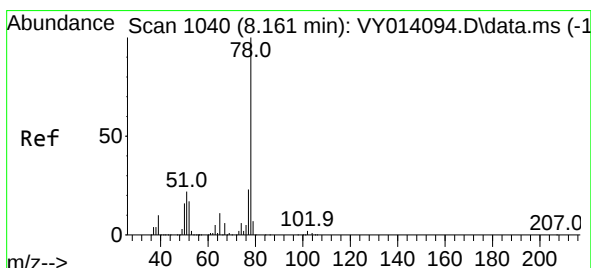
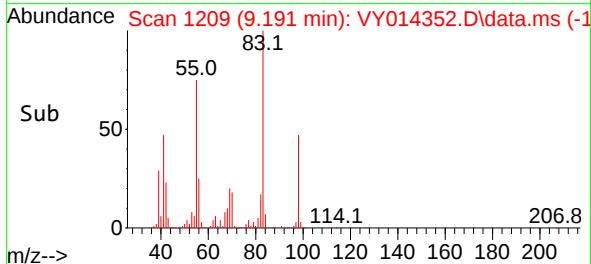
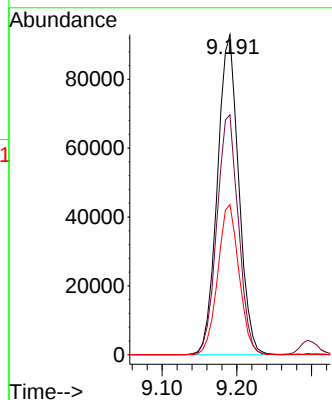
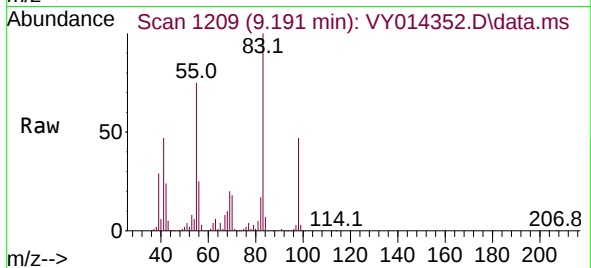
98 46.8 37.4 56.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 06/22/2023

Supervised By :Mahesh Dadoda 06/22/2023



#40

Benzene

Concen: 52.492 ug/l

RT: 8.167 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VY014352.D

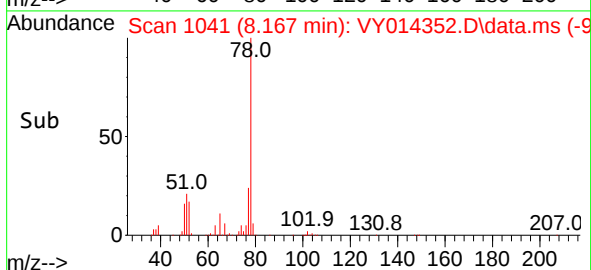
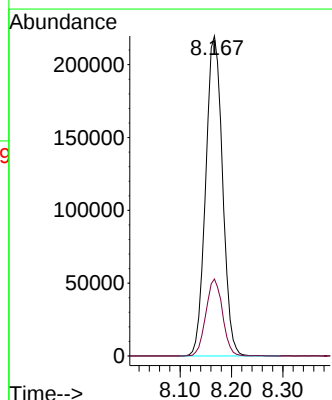
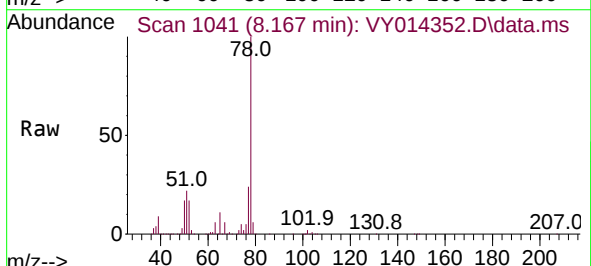
Acq: 21 Jun 2023 21:56

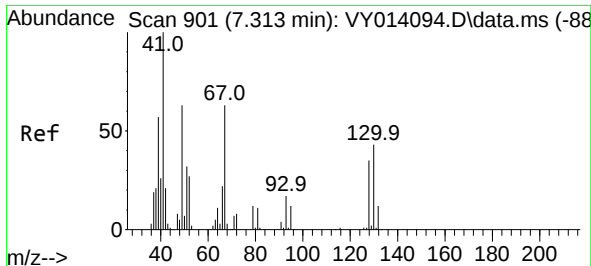
Tgt Ion: 78 Resp: 499238

Ion Ratio Lower Upper

78 100

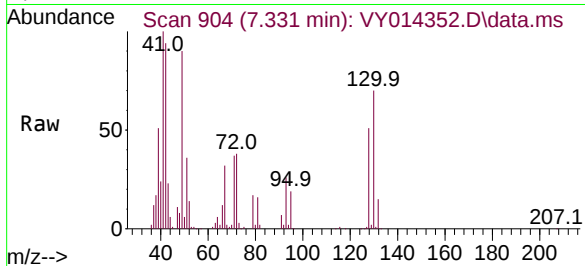
77 24.1 19.0 28.6





#41
Methacrylonitrile
Concen: 70.387 ug/l m
RT: 7.331 min Scan# 901
Delta R.T. 0.018 min
Lab File: VY014352.D
Acq: 21 Jun 2023 21:56

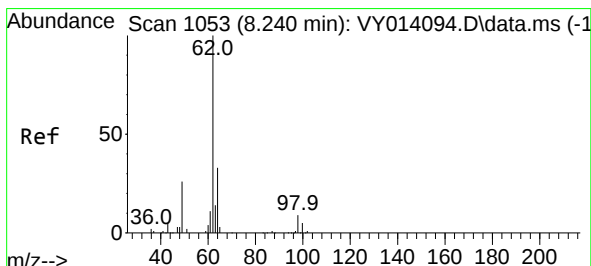
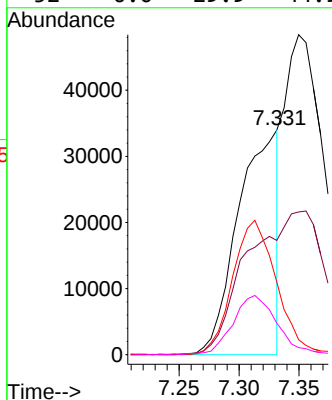
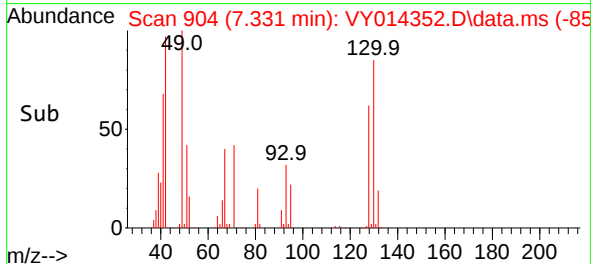
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 79275
Ion Ratio Lower Upper
41 100
39 124.3 52.1 78.1
67 0.0 66.2 99.2
52 0.0 29.9 44.9

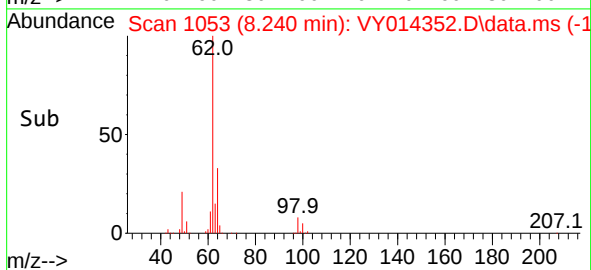
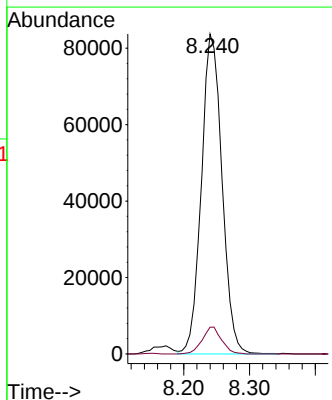
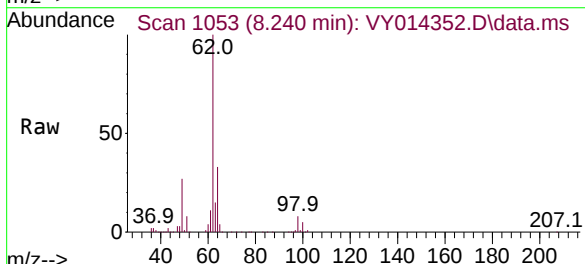
Manual Integrations
APPROVED

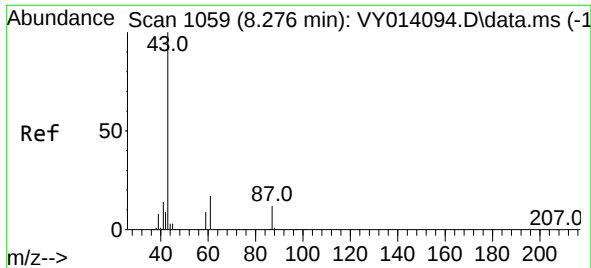
Reviewed By :Krupa Patel 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023



#42
1,2-Dichloroethane
Concen: 54.374 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VY014352.D
Acq: 21 Jun 2023 21:56

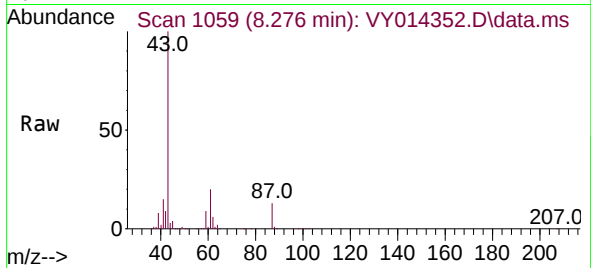
Tgt Ion: 62 Resp: 182873
Ion Ratio Lower Upper
62 100
98 7.9 0.0 15.8





#43
Isopropyl Acetate
Concen: 60.013 ug/l
RT: 8.276 min Scan# 1059
Delta R.T. 0.000 min
Lab File: VY014352.D
Acq: 21 Jun 2023 21:56

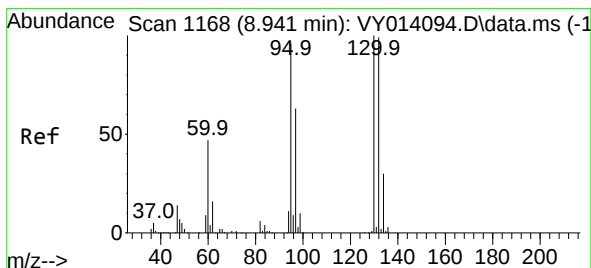
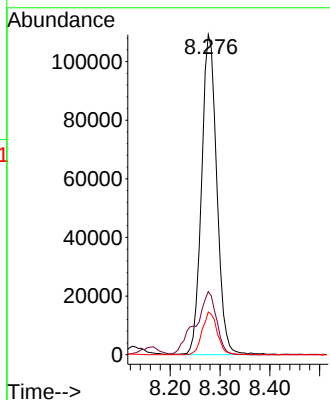
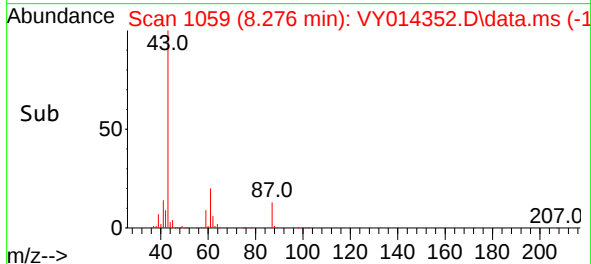
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 232125
Ion Ratio Lower Upper
43 100
61 27.3 21.1 31.7
87 13.0 9.8 14.8

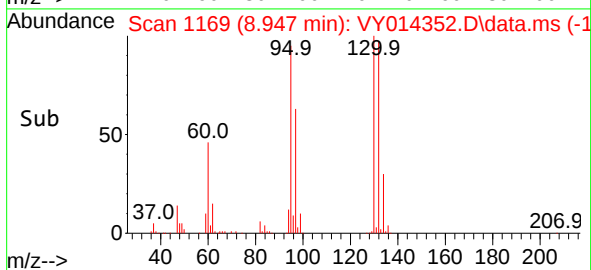
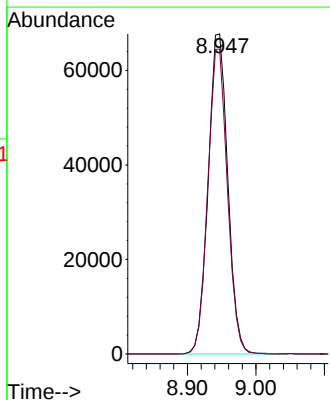
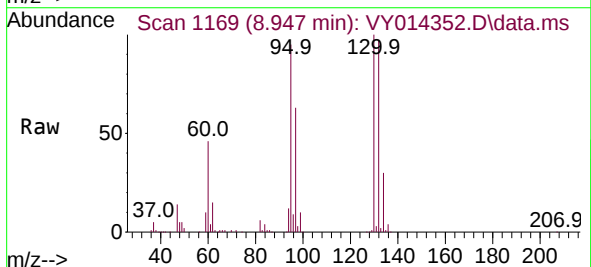
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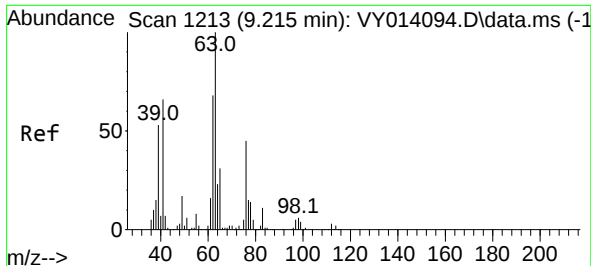
Reviewed By :Krupa Patel 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023



#44
Trichloroethene
Concen: 52.896 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. 0.006 min
Lab File: VY014352.D
Acq: 21 Jun 2023 21:56

Tgt Ion:130 Resp: 134412
Ion Ratio Lower Upper
130 100
95 95.3 0.0 196.0





#45

1,2-Dichloropropane

Concen: 52.457 ug/l

RT: 9.221 min Scan# 1214

Delta R.T. 0.006 min

Lab File: VY014352.D

Acq: 21 Jun 2023 21:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 12672

Ion Ratio Lower Upper

63 100

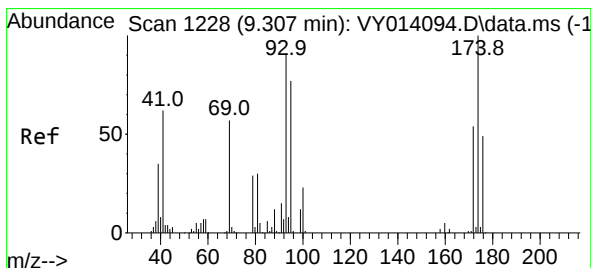
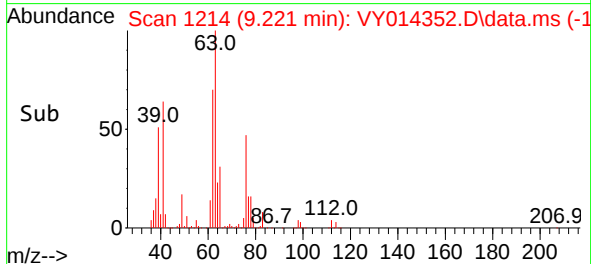
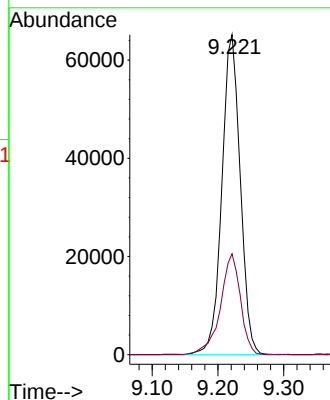
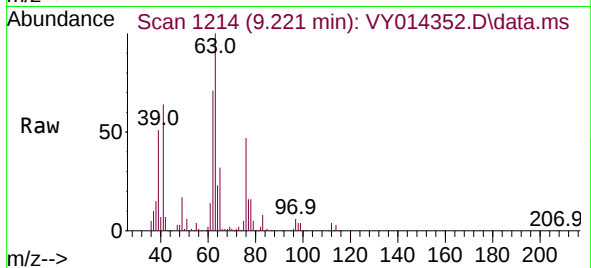
65 31.4 23.8 35.6

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Reviewed By :Krupa Patel 06/22/2023

Supervised By :Mahesh Dadoda 06/22/2023



#46

Dibromomethane

Concen: 55.197 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VY014352.D

Acq: 21 Jun 2023 21:56

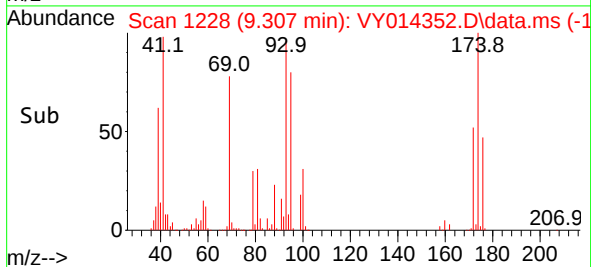
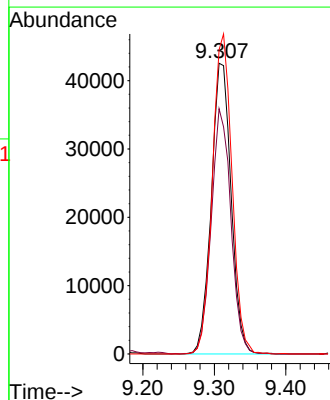
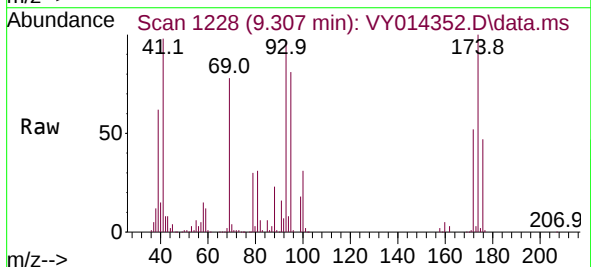
Tgt Ion: 93 Resp: 82079

Ion Ratio Lower Upper

93 100

95 83.2 66.6 100.0

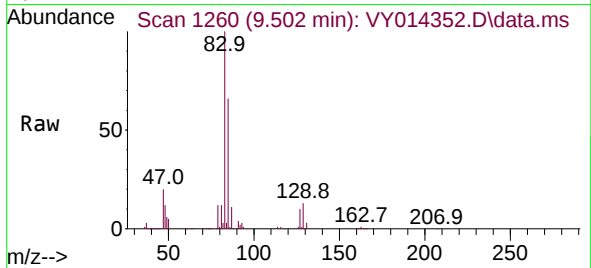
174 108.6 84.8 127.2





#47
Bromodichloromethane
Concen: 54.202 ug/l
RT: 9.502 min Scan# 1260
Delta R.T. 0.006 min
Lab File: VY014352.D
Acq: 21 Jun 2023 21:56

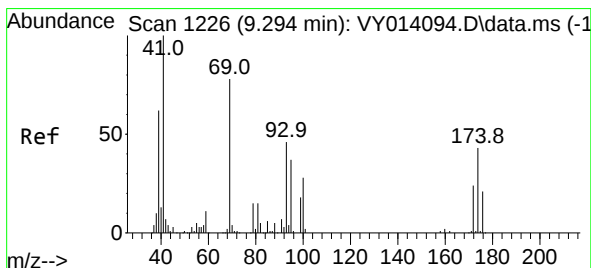
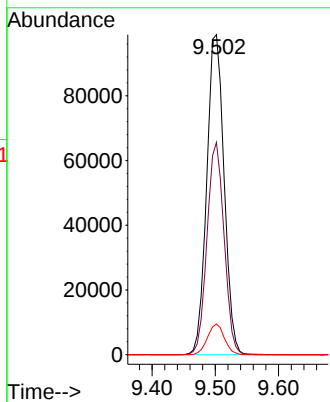
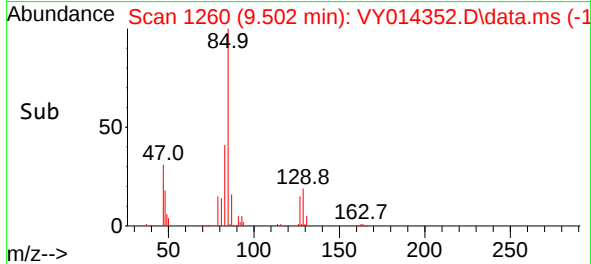
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 18871
Ion Ratio Lower Upper
83 100
85 66.4 50.1 75.1
127 9.6 7.1 10.7

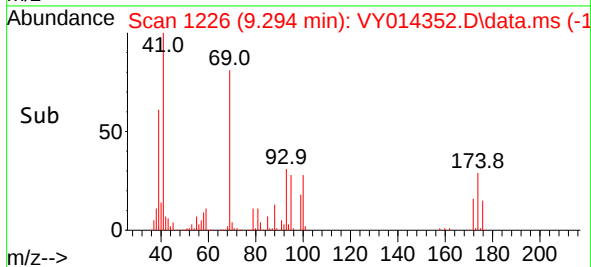
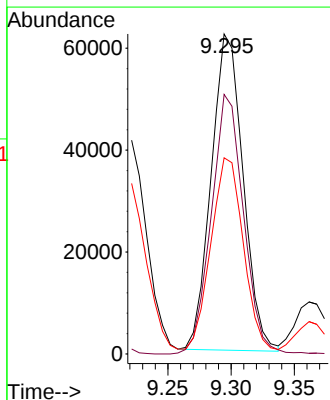
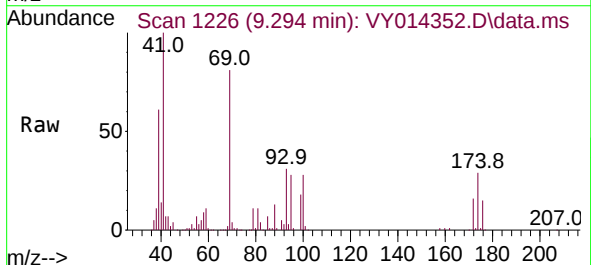
Manual Integrations
APPROVED

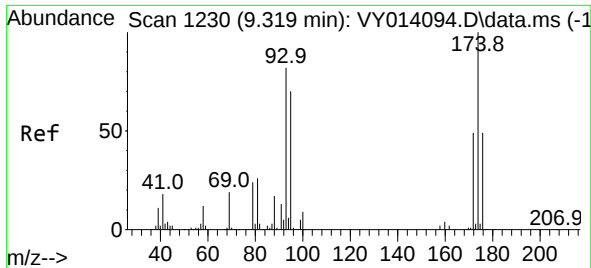
Reviewed By :Krupa Patel 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023



#48
Methyl methacrylate
Concen: 60.213 ug/l
RT: 9.294 min Scan# 1226
Delta R.T. 0.000 min
Lab File: VY014352.D
Acq: 21 Jun 2023 21:56

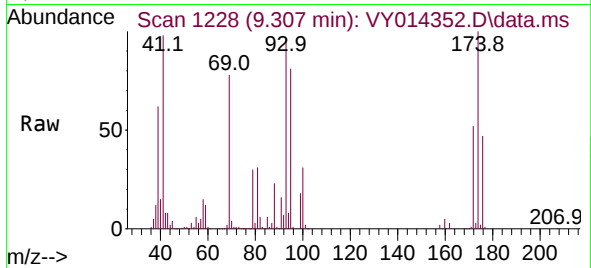
Tgt Ion: 41 Resp: 108628
Ion Ratio Lower Upper
41 100
69 83.0 64.5 96.7
39 64.5 50.8 76.2





#49
1,4-Dioxane
Concen: 1364.925 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. -0.012 min
Lab File: VY014352.D
Acq: 21 Jun 2023 21:56

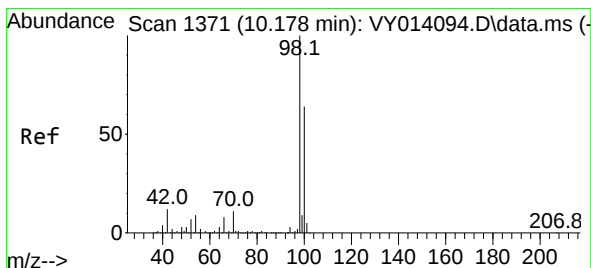
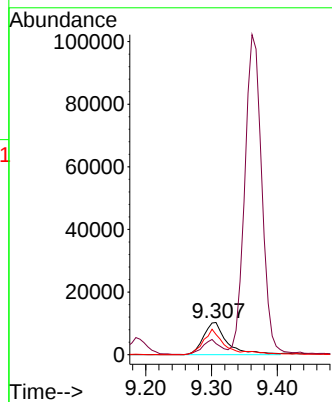
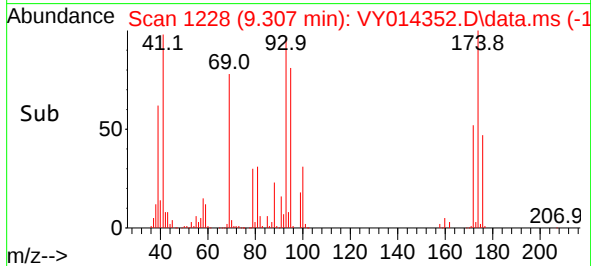
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



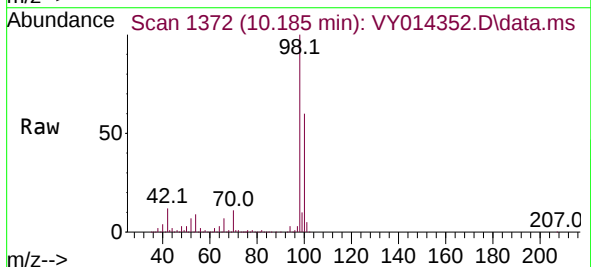
Tgt Ion: 88 Resp: 25790
Ion Ratio Lower Upper
88 100
43 35.0 0.0 0.0
58 63.3 30.9 46.3

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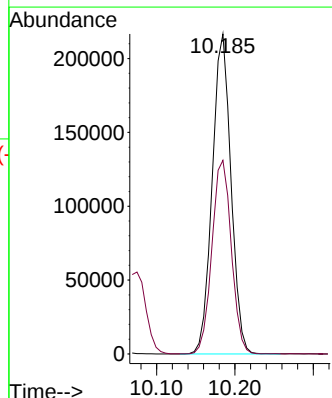
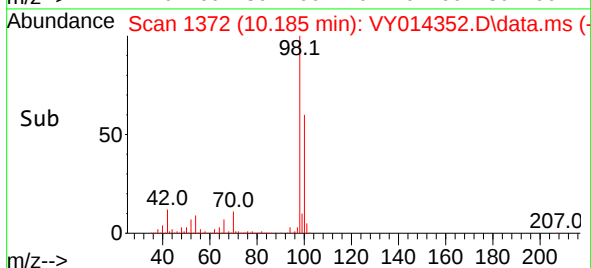
Reviewed By :Krupa Patel 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023

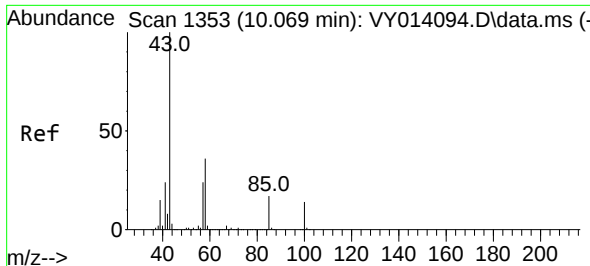


#50
Toluene-d8
Concen: 46.891 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.007 min
Lab File: VY014352.D
Acq: 21 Jun 2023 21:56



Tgt Ion: 98 Resp: 359647
Ion Ratio Lower Upper
98 100
100 62.6 50.1 75.1





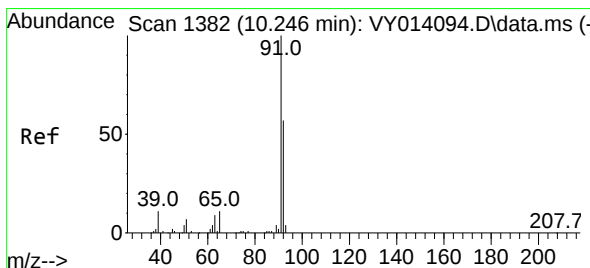
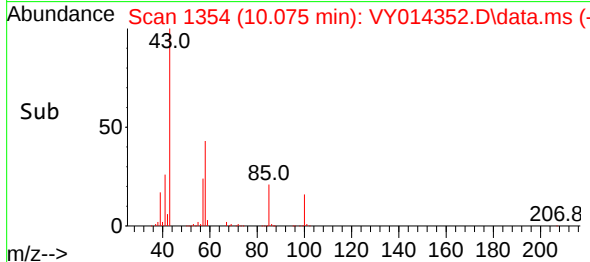
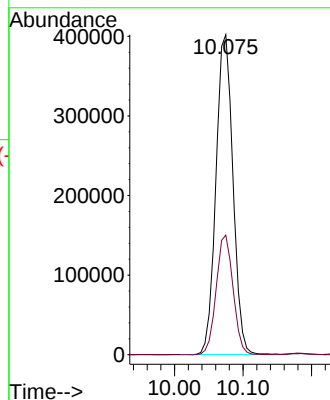
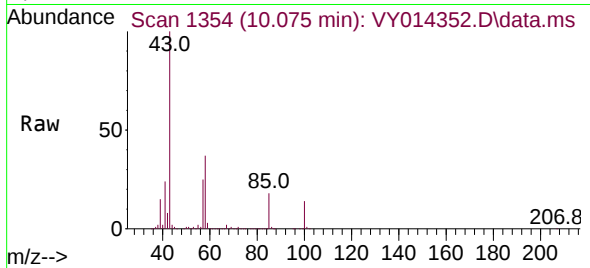
#51
4-Methyl-2-Pentanone
Concen: 329.171 ug/l
RT: 10.075 min Scan# 1353
Delta R.T. 0.006 min
Lab File: VY014352.D
Acq: 21 Jun 2023 21:56

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 691715
Ion Ratio Lower Upper
43 100
58 37.1 29.0 43.6

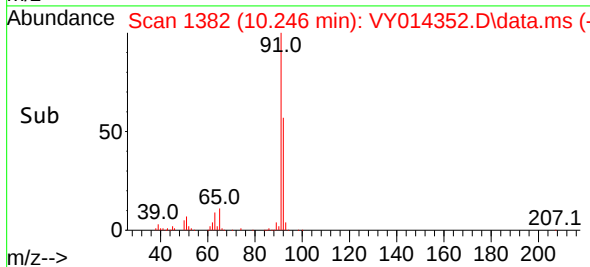
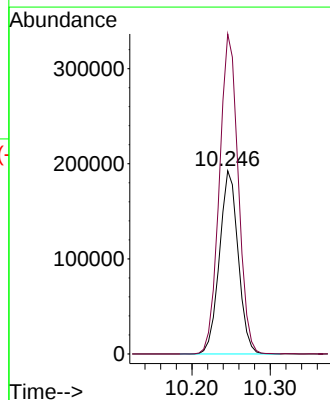
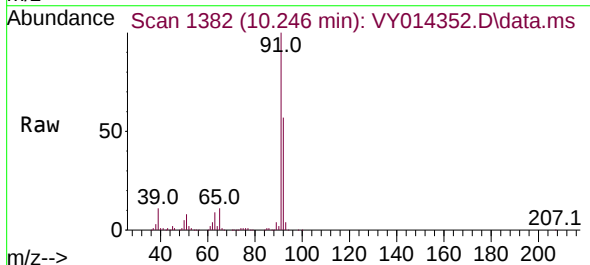
Manual Integrations
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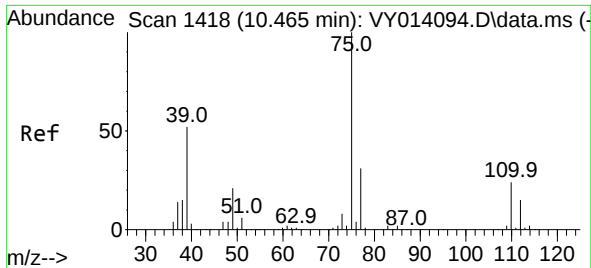
Reviewed By :Krupa Patel 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023



#52
Toluene
Concen: 54.213 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY014352.D
Acq: 21 Jun 2023 21:56

Tgt Ion: 92 Resp: 319626
Ion Ratio Lower Upper
92 100
91 176.2 143.8 215.6





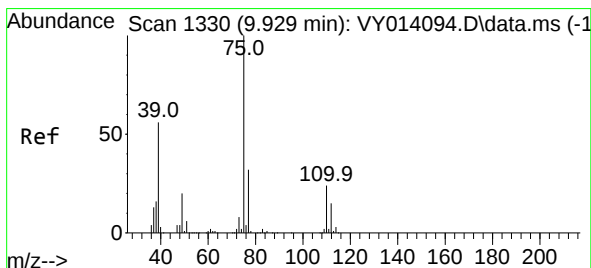
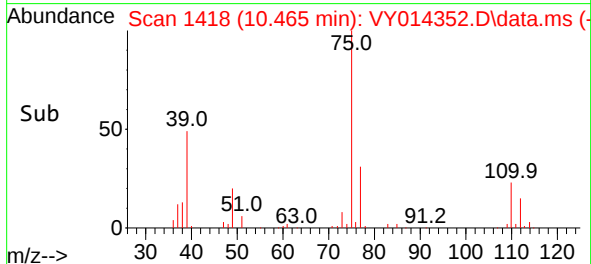
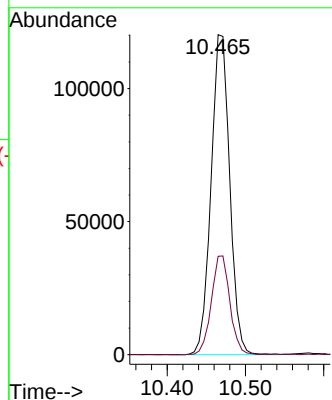
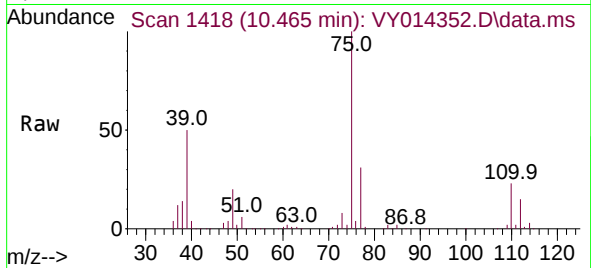
#53
t-1,3-Dichloropropene
Concen: 54.303 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY014352.D
Acq: 21 Jun 2023 21:56

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 199036
Ion Ratio Lower Upper
75 100
77 30.8 25.0 37.4

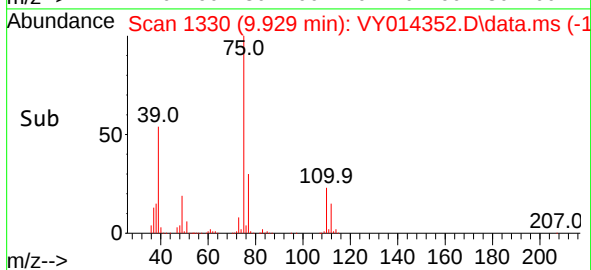
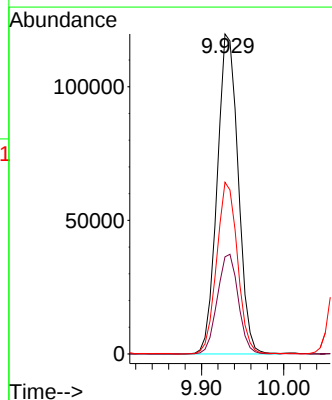
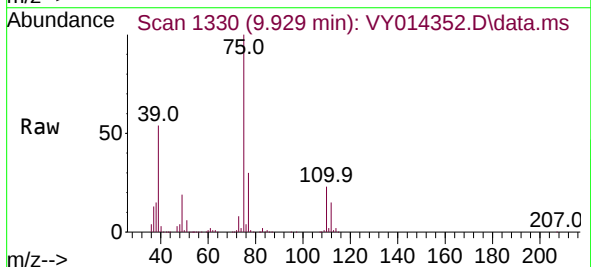
Manual Integrations
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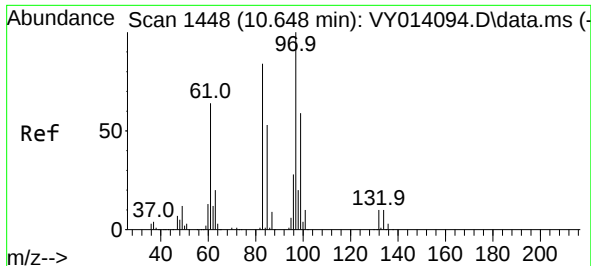
Reviewed By :Krupa Patel 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023



#54
cis-1,3-Dichloropropene
Concen: 53.126 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.000 min
Lab File: VY014352.D
Acq: 21 Jun 2023 21:56

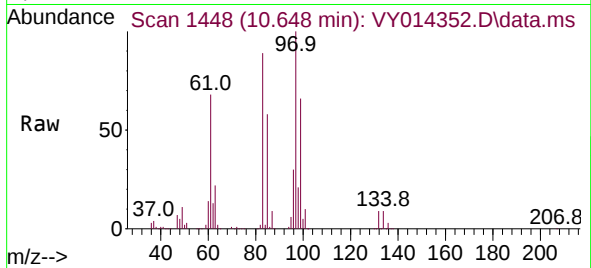
Tgt Ion: 75 Resp: 212453
Ion Ratio Lower Upper
75 100
77 30.3 24.2 36.4
39 53.7 42.2 63.4





#55
1,1,2-Trichloroethane
Concen: 56.961 ug/l
RT: 10.648 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VY014352.D
Acq: 21 Jun 2023 21:56

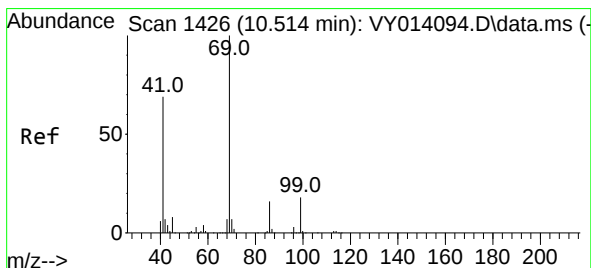
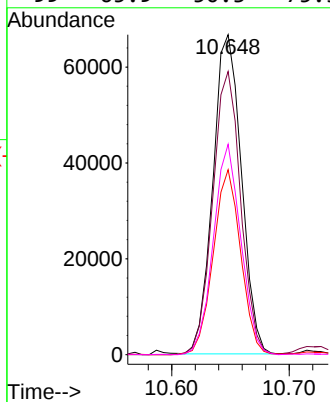
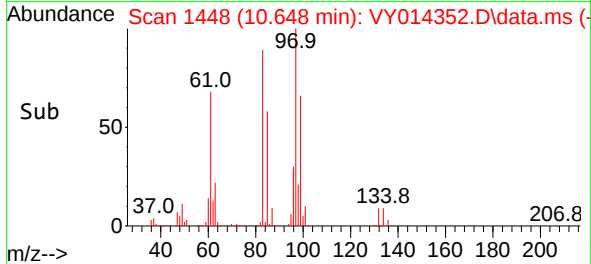
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:	97	Resp:	112340
Ion	Ratio	Lower	Upper
97	100		
83	88.6	72.0	108.0
85	57.8	45.4	68.0
99	65.9	50.3	75.5

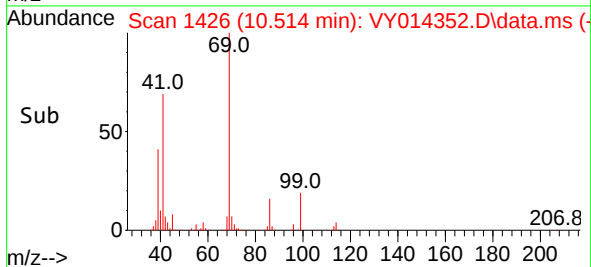
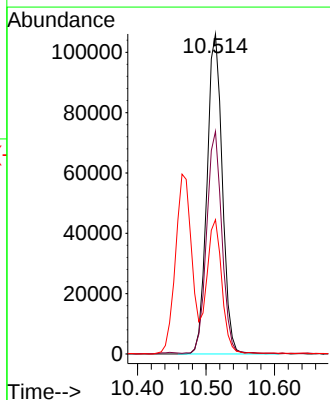
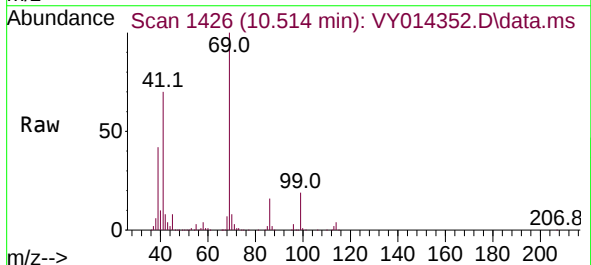
Manual Integrations
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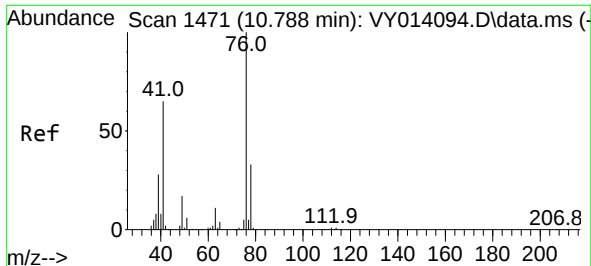
Reviewed By :Krupa Patel 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023



#56
Ethyl methacrylate
Concen: 60.562 ug/l
RT: 10.514 min Scan# 1426
Delta R.T. -0.000 min
Lab File: VY014352.D
Acq: 21 Jun 2023 21:56

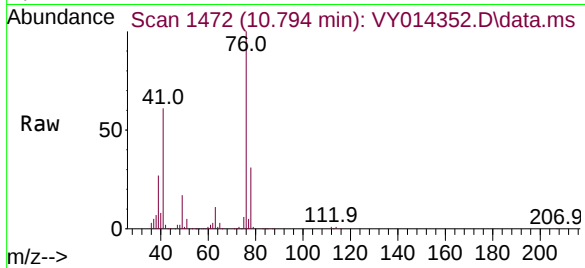
Tgt Ion:	69	Resp:	164757
Ion	Ratio	Lower	Upper
69	100		
41	69.2	57.6	86.4
39	40.9	34.1	51.1





#57
1,3-Dichloropropane
Concen: 55.678 ug/l
RT: 10.794 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VY014352.D
Acq: 21 Jun 2023 21:56

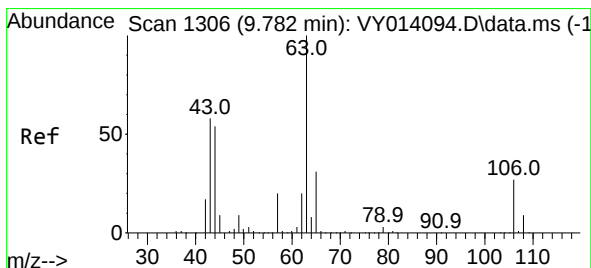
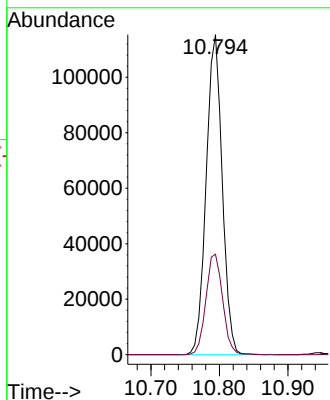
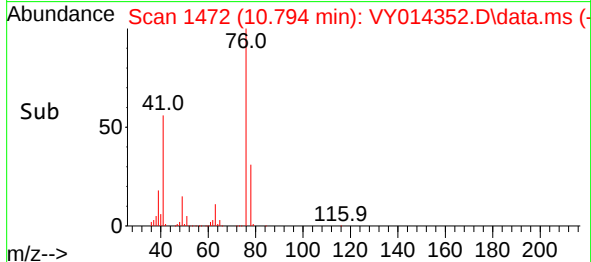
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 18781
Ion Ratio Lower Upper
76 100
78 32.8 25.3 37.9

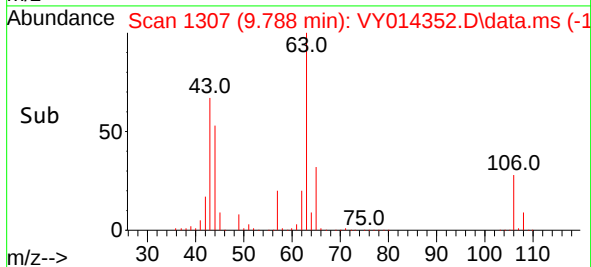
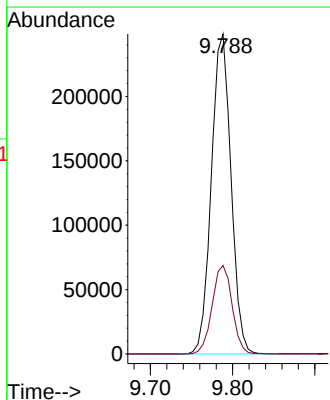
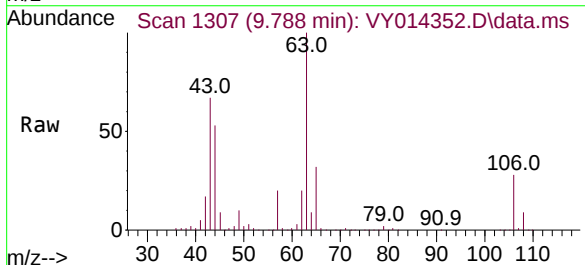
Manual Integrations
APPROVED

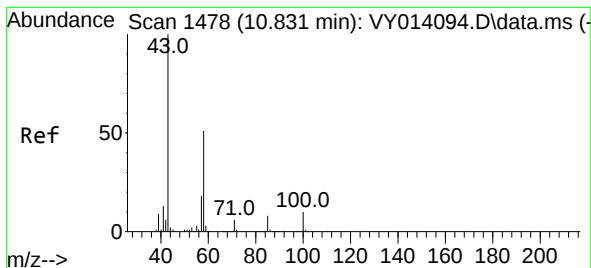
Reviewed By :Krupa Patel 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023



#58
2-Chloroethyl Vinyl ether
Concen: 329.062 ug/l
RT: 9.788 min Scan# 1307
Delta R.T. 0.006 min
Lab File: VY014352.D
Acq: 21 Jun 2023 21:56

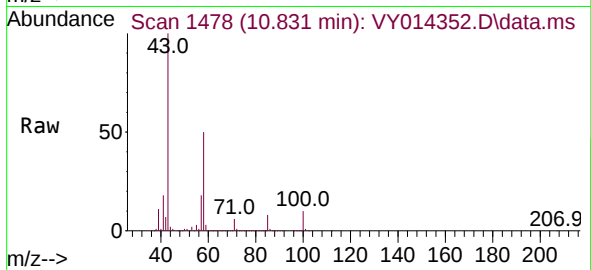
Tgt Ion: 63 Resp: 412440
Ion Ratio Lower Upper
63 100
106 28.0 21.2 31.8





#59
2-Hexanone
Concen: 337.888 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY014352.D
Acq: 21 Jun 2023 21:56

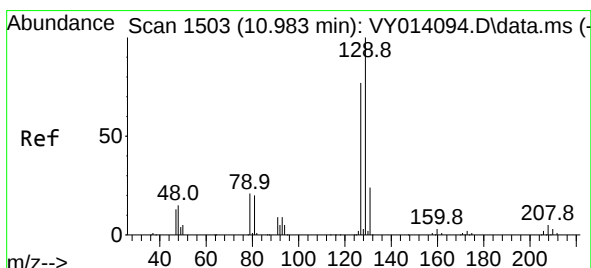
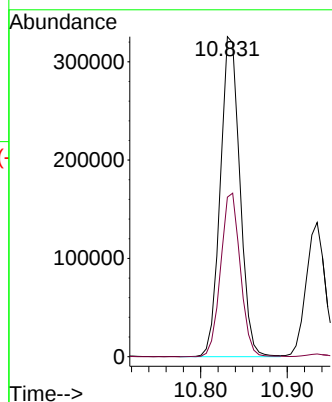
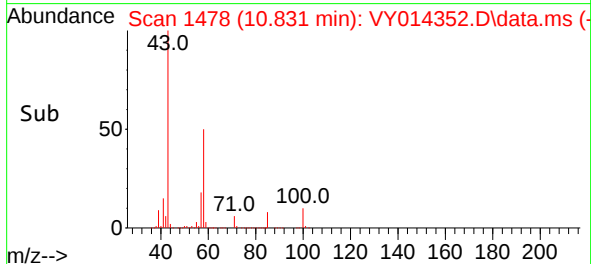
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



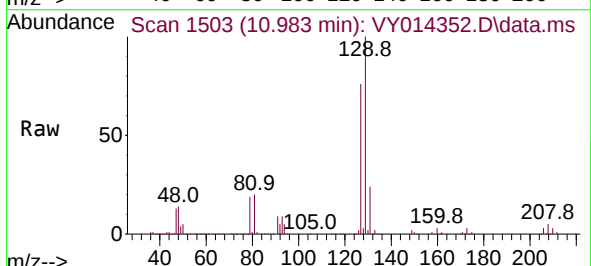
Tgt Ion: 43 Resp: 51282
Ion Ratio Lower Upper
43 100
58 51.2 25.1 75.3

Manual Integrations
APPROVED

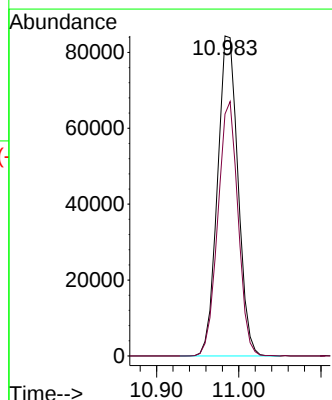
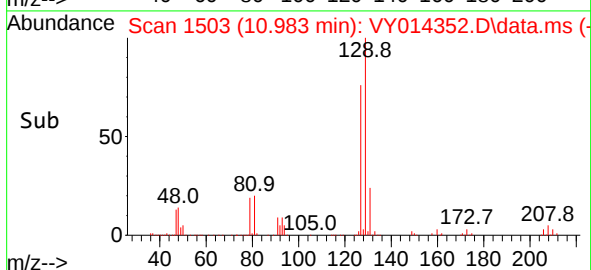
Reviewed By :Krupa Patel 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023

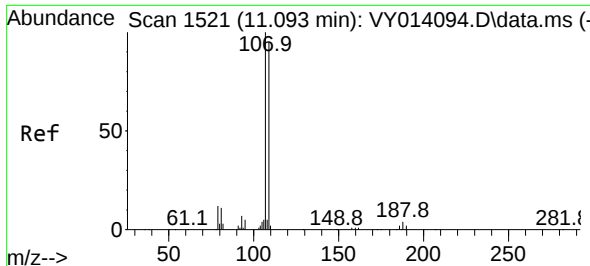


#60
Dibromochloromethane
Concen: 57.813 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY014352.D
Acq: 21 Jun 2023 21:56



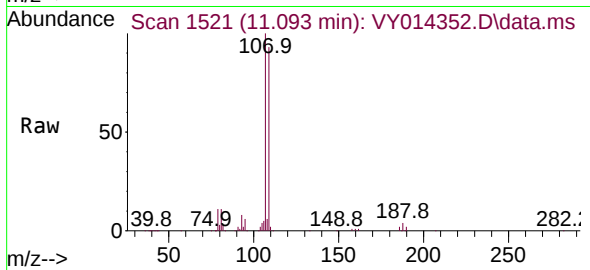
Tgt Ion:129 Resp: 145942
Ion Ratio Lower Upper
129 100
127 78.2 38.5 115.5





#61
1,2-Dibromoethane
Concen: 58.581 ug/l
RT: 11.093 min Scan# 1521
Delta R.T. -0.000 min
Lab File: VY014352.D
Acq: 21 Jun 2023 21:56

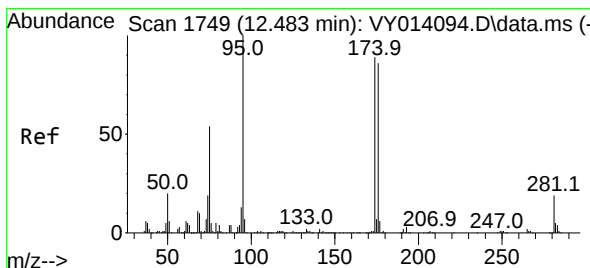
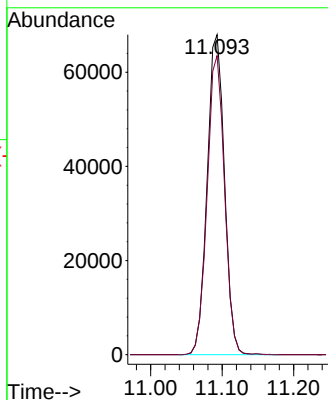
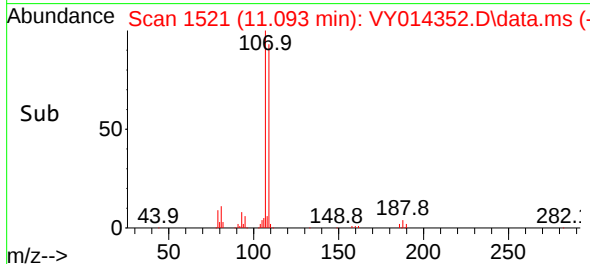
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



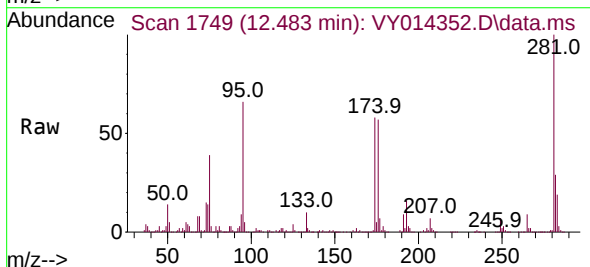
Tgt Ion:107 Resp: 114030
Ion Ratio Lower Upper
107 100
109 93.7 75.6 113.4

Manual Integrations
APPROVED

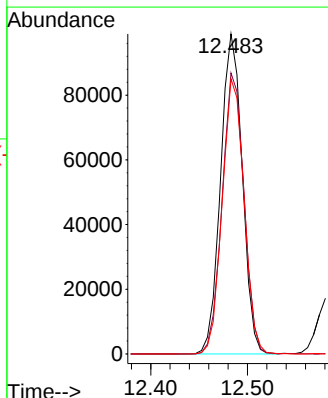
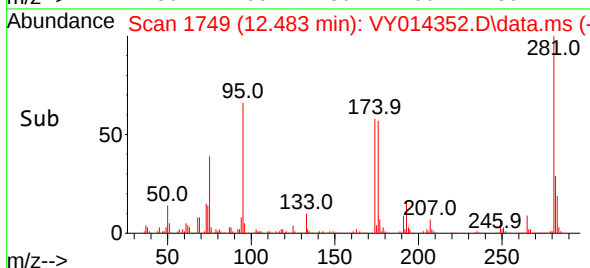
Reviewed By :Krupa Patel 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023



#62
4-Bromofluorobenzene
Concen: 56.554 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY014352.D
Acq: 21 Jun 2023 21:56



Tgt Ion: 95 Resp: 154086
Ion Ratio Lower Upper
95 100
174 88.3 0.0 178.2
176 86.4 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.495 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY014352.D

Acq: 21 Jun 2023 21:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:117 Resp: 28814

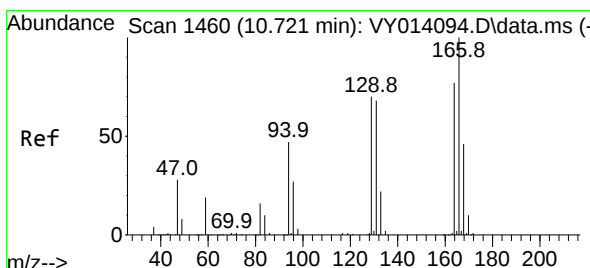
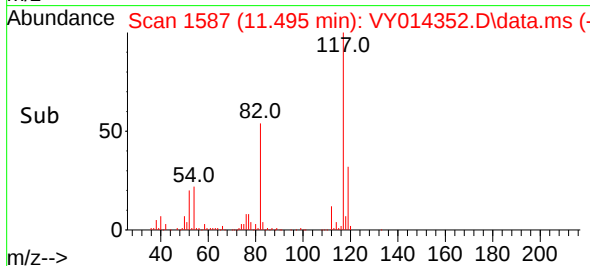
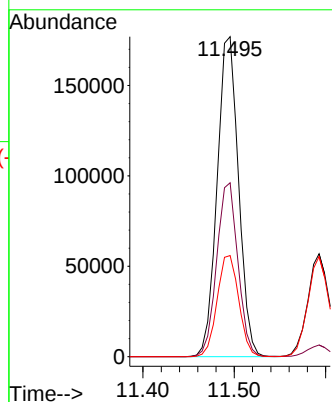
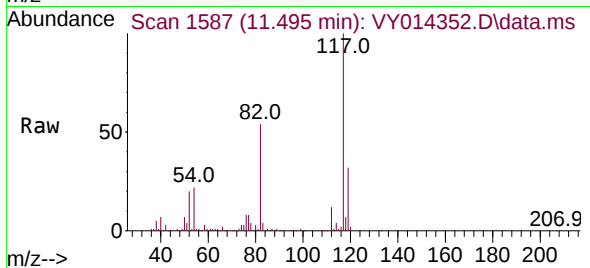
Ion	Ratio	Lower	Upper
117	100		
82	54.3	43.4	65.0
119	31.6	26.3	39.5

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 06/22/2023

Supervised By :Mahesh Dadoda 06/22/2023



#64

Tetrachloroethene

Concen: 56.761 ug/l

RT: 10.721 min Scan# 1460

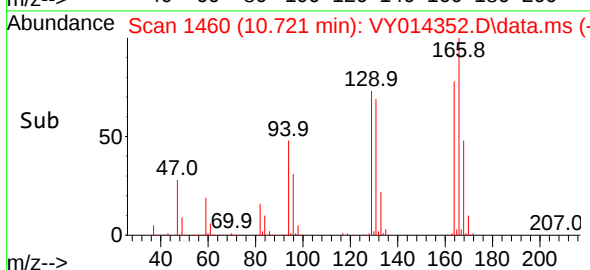
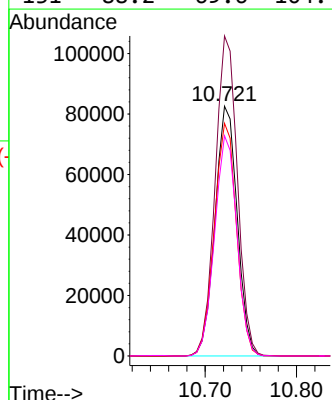
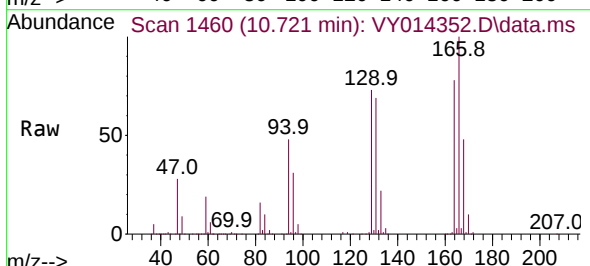
Delta R.T. 0.000 min

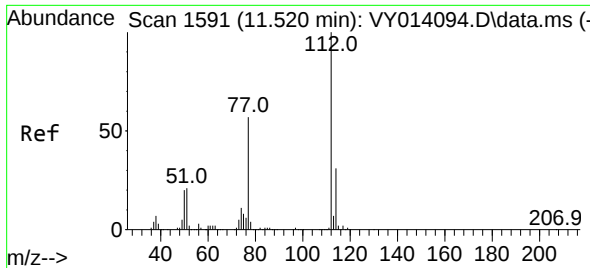
Lab File: VY014352.D

Acq: 21 Jun 2023 21:56

Tgt Ion:164 Resp: 139405

Ion	Ratio	Lower	Upper
164	100		
166	128.2	103.0	154.6
129	93.2	77.2	115.8
131	88.2	69.6	104.4





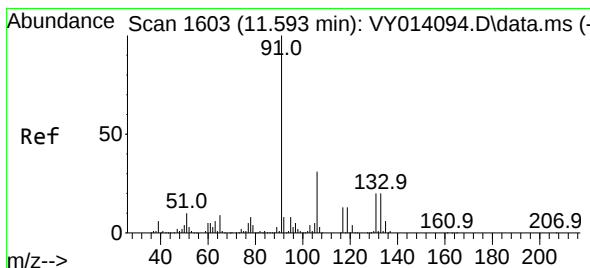
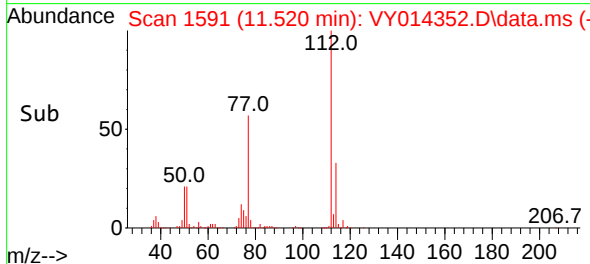
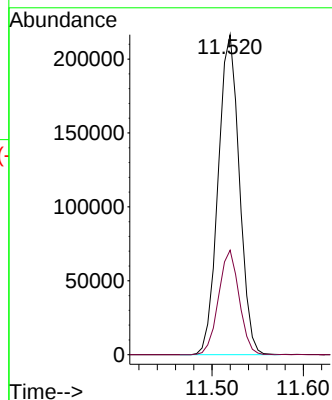
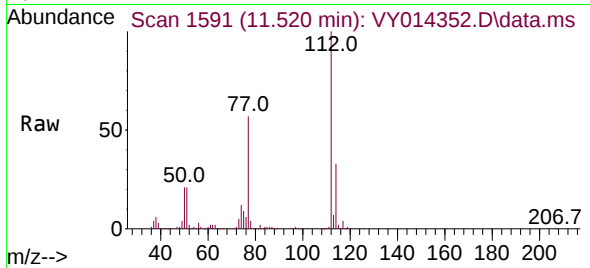
#65
Chlorobenzene
Concen: 50.403 ug/l
RT: 11.520 min Scan# 1591
Delta R.T. -0.000 min
Lab File: VY014352.D
Acq: 21 Jun 2023 21:56

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 348968
Ion Ratio Lower Upper
112 100
114 32.7 25.5 38.3

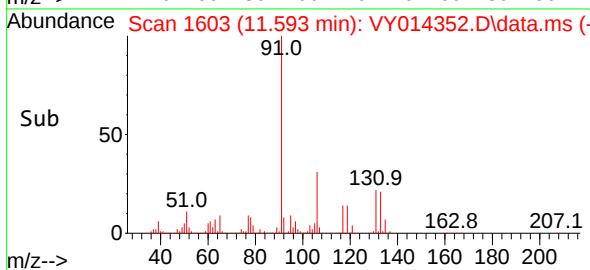
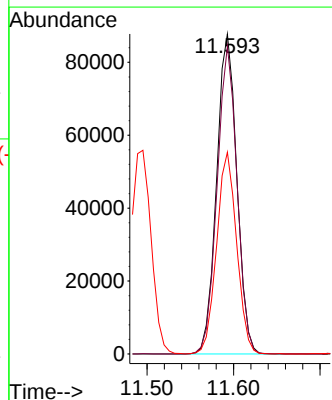
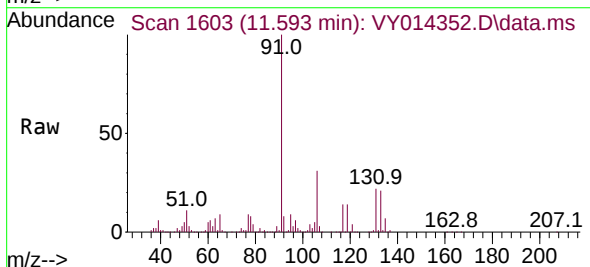
Manual Integrations
APPROVED

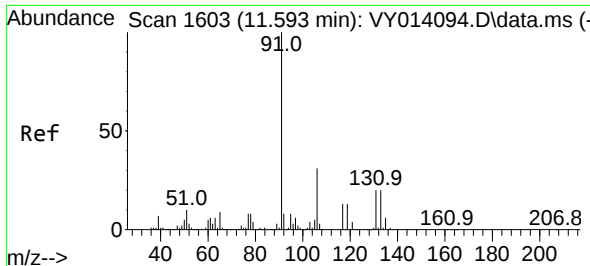
Reviewed By :Krupa Patel 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 52.156 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY014352.D
Acq: 21 Jun 2023 21:56

Tgt Ion:131 Resp: 142031
Ion Ratio Lower Upper
131 100
133 94.9 47.5 142.6
119 62.6 31.6 94.7





#67

Ethyl Benzene

Concen: 51.261 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. -0.000 min

Lab File: VY014352.D

Acq: 21 Jun 2023 21:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 621228

Ion Ratio Lower Upper

91 100

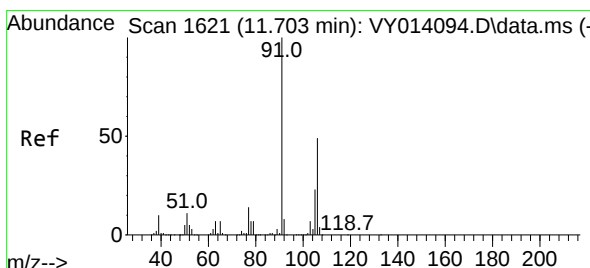
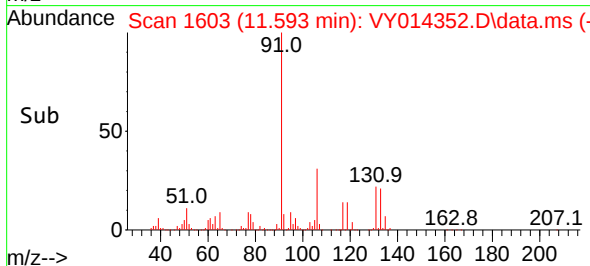
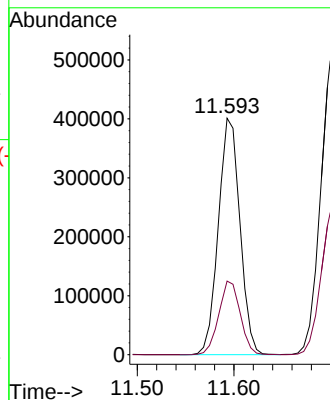
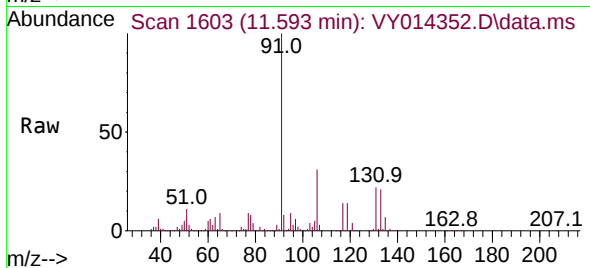
106 31.1 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 06/22/2023

Supervised By :Mahesh Dadoda 06/22/2023



#68

m/p-Xylenes

Concen: 103.590 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY014352.D

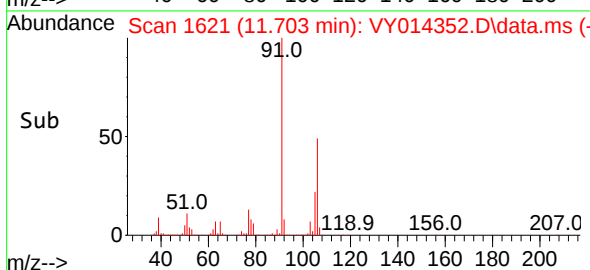
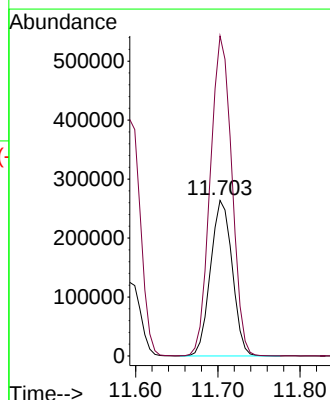
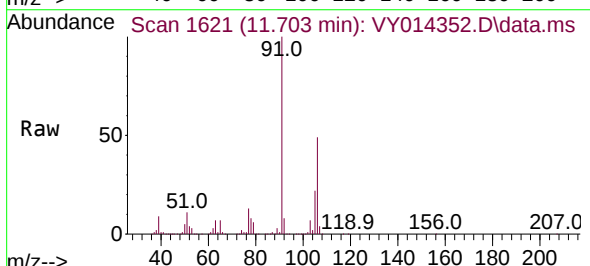
Acq: 21 Jun 2023 21:56

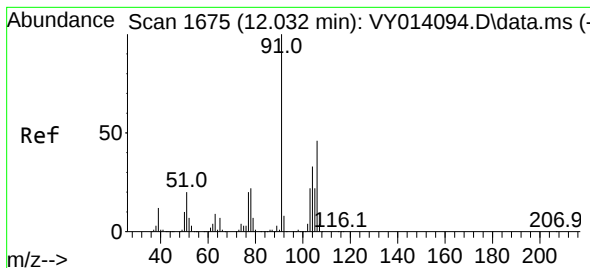
Tgt Ion:106 Resp: 482881

Ion Ratio Lower Upper

106 100

91 205.1 166.1 249.1





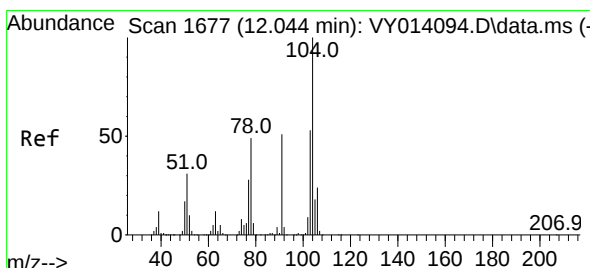
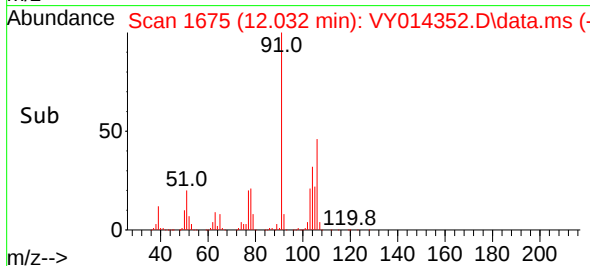
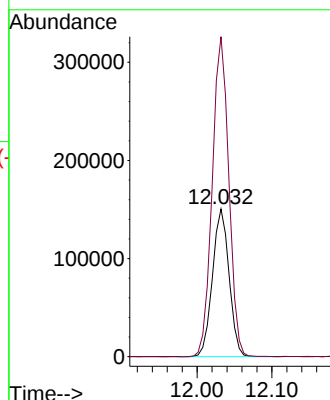
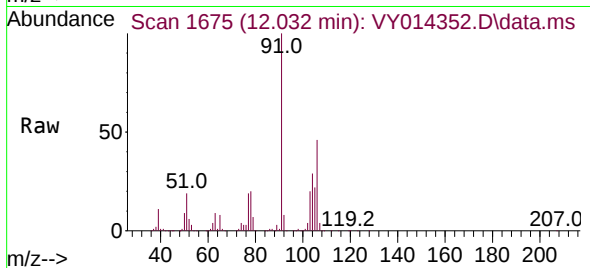
#69
o-Xylene
Concen: 52.645 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VY014352.D
Acq: 21 Jun 2023 21:56

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 232012
Ion Ratio Lower Upper
106 100
91 216.8 108.1 324.3

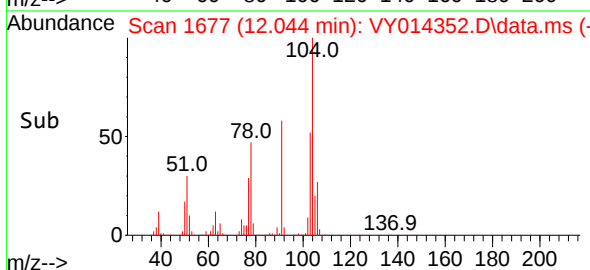
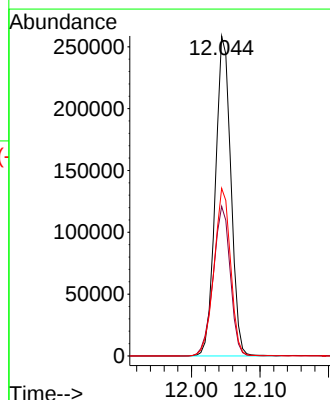
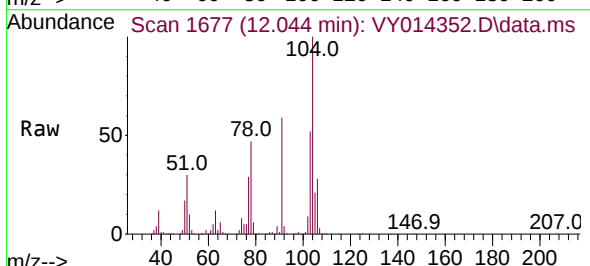
Manual Integrations
APPROVED

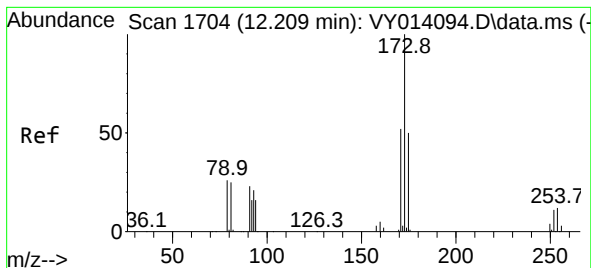
Reviewed By :Krupa Patel 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023



#70
Styrene
Concen: 53.895 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY014352.D
Acq: 21 Jun 2023 21:56

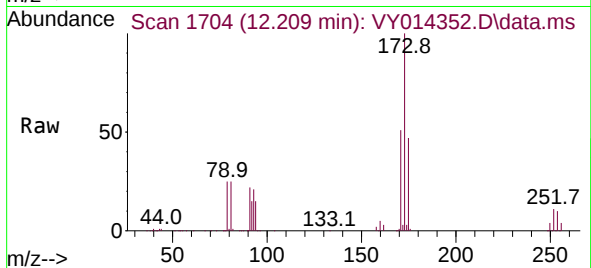
Tgt Ion:104 Resp: 405390
Ion Ratio Lower Upper
104 100
78 51.4 41.5 62.3
103 55.9 44.6 67.0





#71
Bromoform
Concen: 57.607 ug/l
RT: 12.209 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VY014352.D
Acq: 21 Jun 2023 21:56

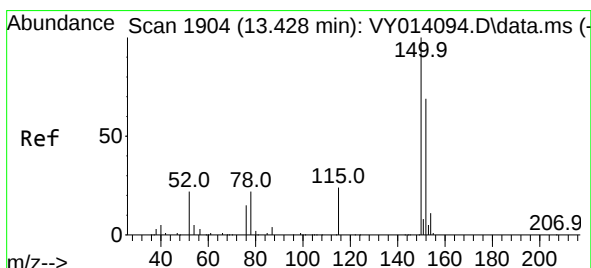
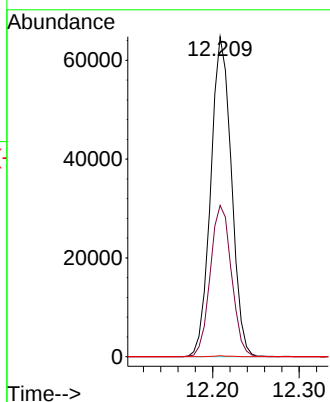
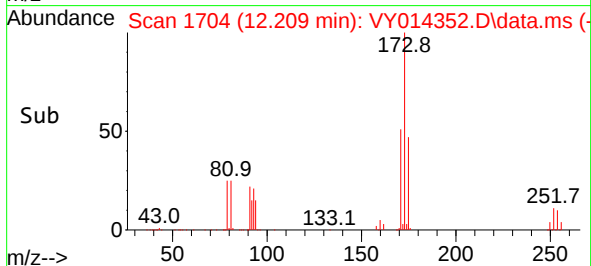
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



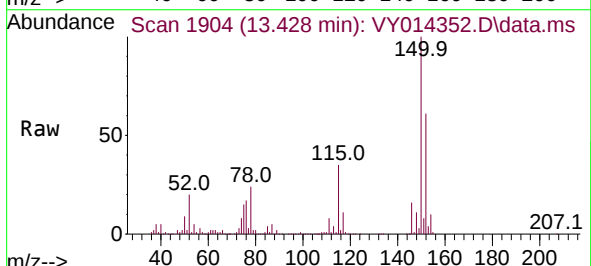
Tgt Ion:173 Resp: 107430
Ion Ratio Lower Upper
173 100
175 48.4 24.6 73.8
254 0.2 0.2 0.2

Manual Integrations
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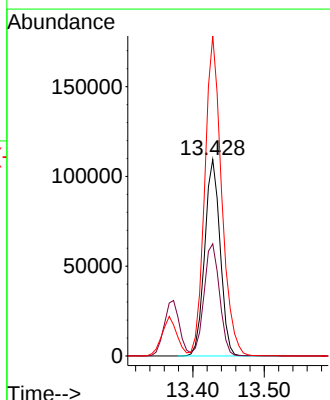
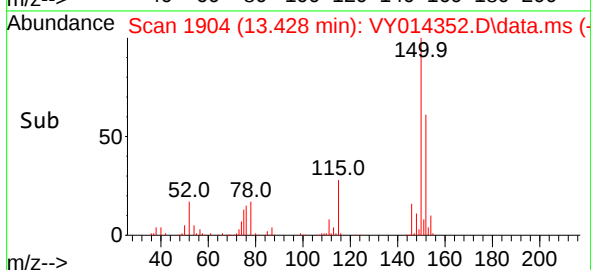
Reviewed By :Krupa Patel 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023

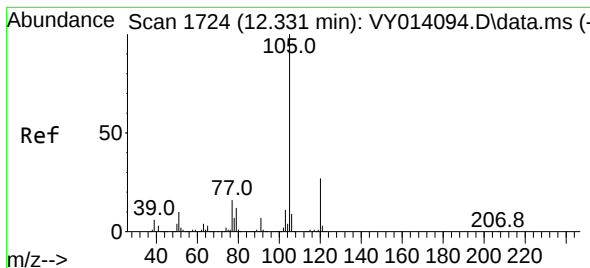


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY014352.D
Acq: 21 Jun 2023 21:56



Tgt Ion:152 Resp: 163797
Ion Ratio Lower Upper
152 100
115 57.2 28.8 86.5
150 177.9 0.0 348.8





#73

Isopropylbenzene

Concen: 48.995 ug/l

RT: 12.331 min Scan# 1724

Delta R.T. -0.000 min

Lab File: VY014352.D

Acq: 21 Jun 2023 21:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 612210

Ion Ratio Lower Upper

105 100

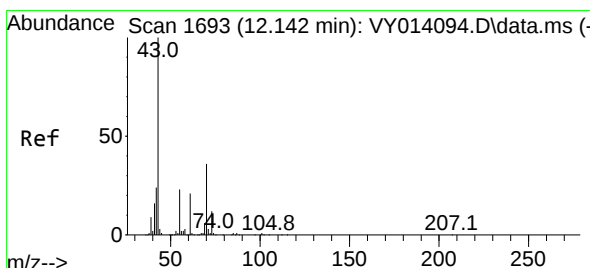
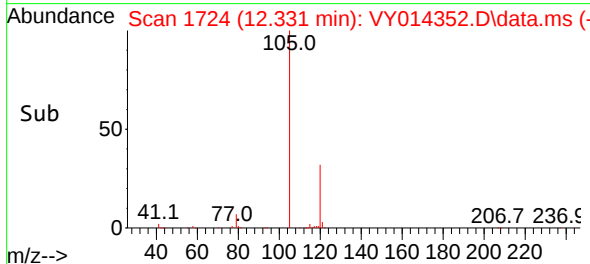
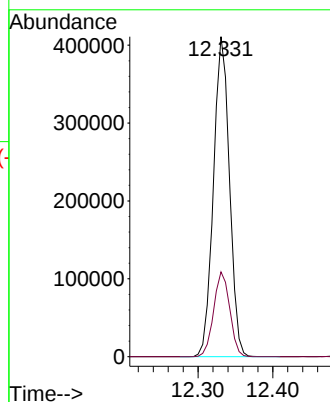
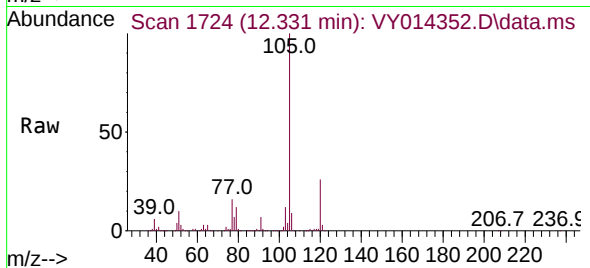
120 26.6 13.3 39.9

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 06/22/2023

Supervised By :Mahesh Dadoda 06/22/2023



#74

N-ethyl acetate

Concen: 54.102 ug/l

RT: 12.148 min Scan# 1694

Delta R.T. 0.006 min

Lab File: VY014352.D

Acq: 21 Jun 2023 21:56

Tgt Ion: 43 Resp: 214228

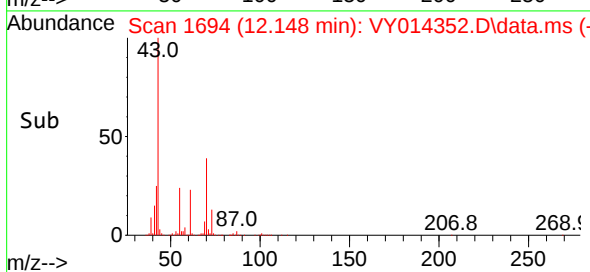
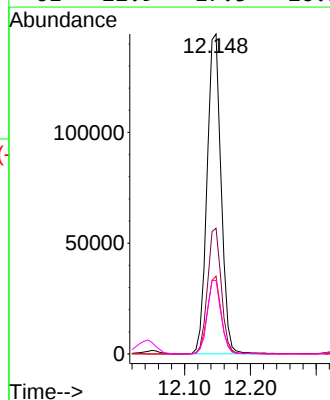
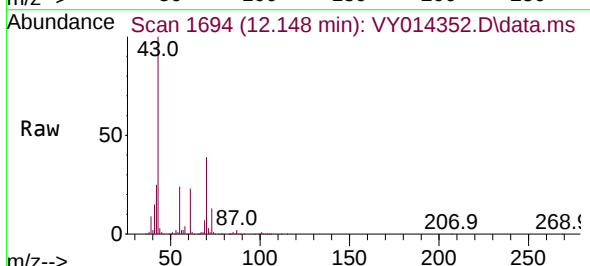
Ion Ratio Lower Upper

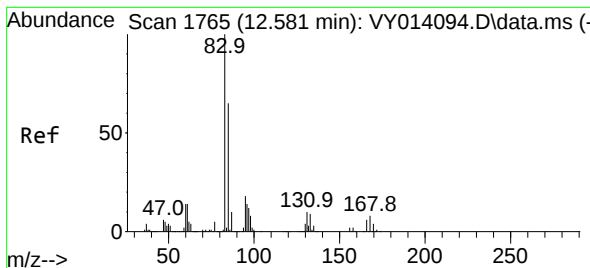
43 100

70 38.5 29.7 44.5

55 23.9 18.3 27.5

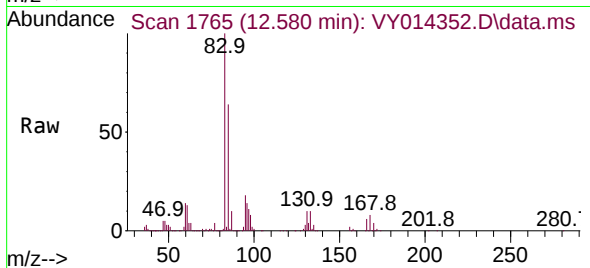
61 22.9 17.5 26.3





#75
1,1,2,2-Tetrachloroethane
Concen: 53.143 ug/l
RT: 12.580 min Scan# 1765
Delta R.T. -0.001 min
Lab File: VY014352.D
Acq: 21 Jun 2023 21:56

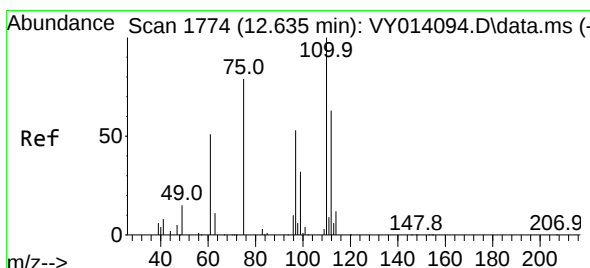
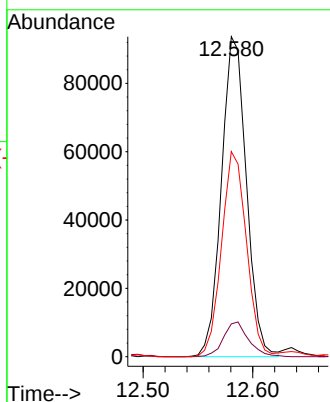
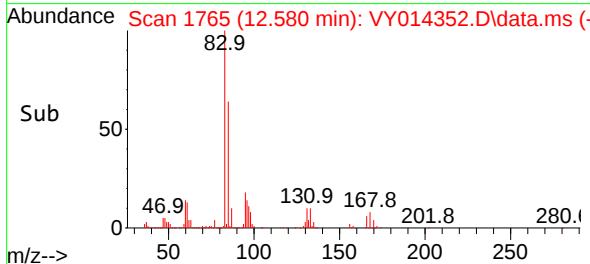
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



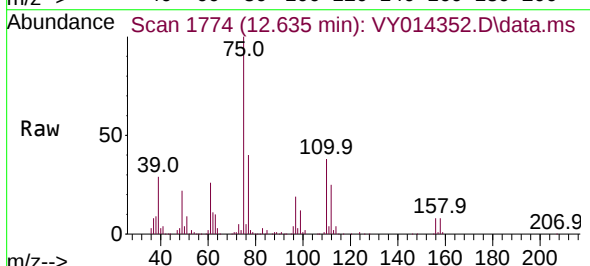
Tgt Ion: 83 Resp: 14838
Ion Ratio Lower Upper
83 100
131 10.9 5.4 16.2
85 64.0 31.8 95.4

Manual Integrations
APPROVED

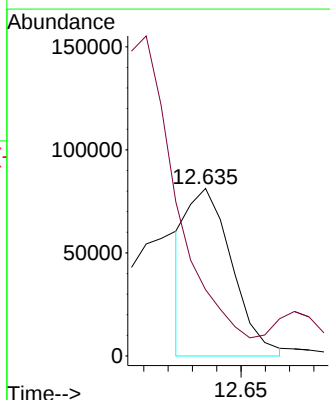
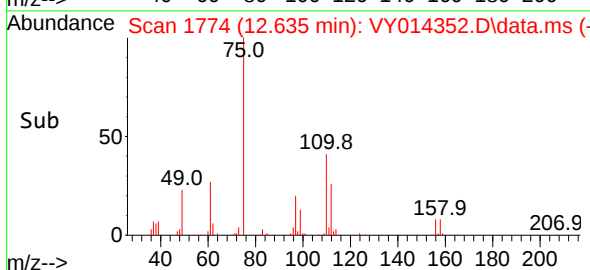
Reviewed By :Krupa Patel 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023

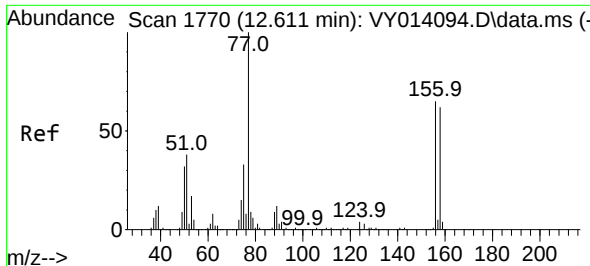


#76
1,2,3-Trichloropropane
Concen: 48.760 ug/l m
RT: 12.635 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VY014352.D
Acq: 21 Jun 2023 21:56



Tgt Ion: 75 Resp: 104784
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





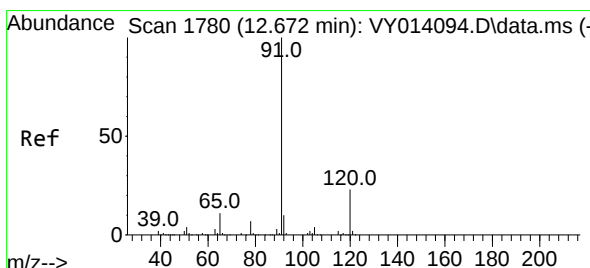
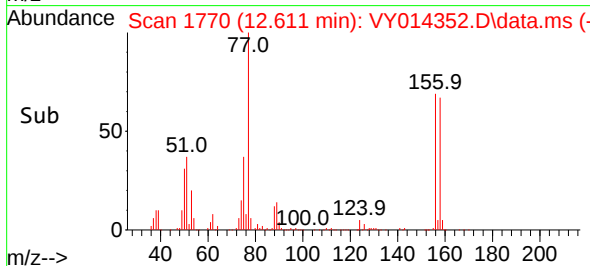
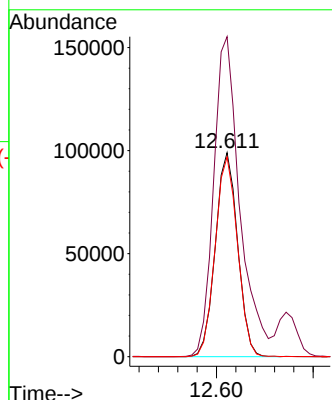
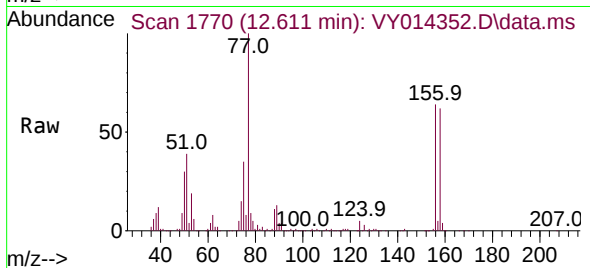
#77
Bromobenzene
Concen: 48.122 ug/l
RT: 12.611 min Scan# 1770
Delta R.T. -0.000 min
Lab File: VY014352.D
Acq: 21 Jun 2023 21:56

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:156 Resp: 158040
Ion Ratio Lower Upper
156 100
77 183.8 92.8 278.6
158 98.2 48.4 145.3

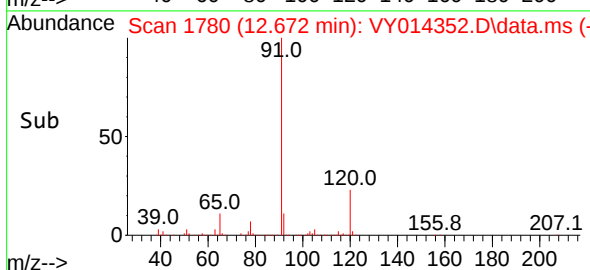
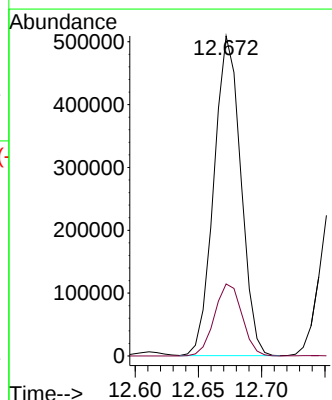
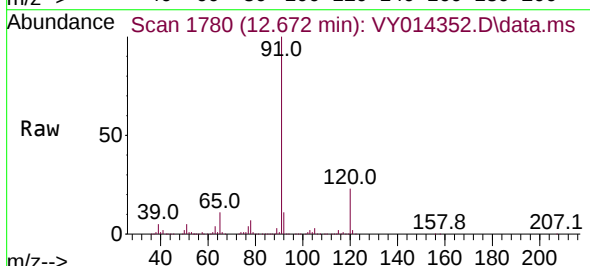
Manual Integrations
APPROVED

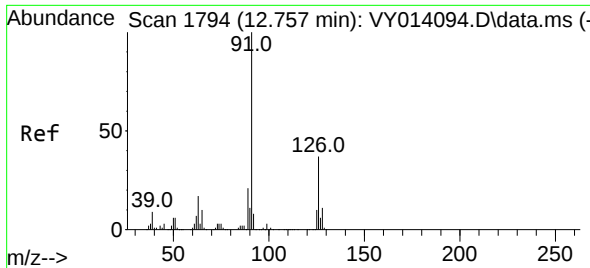
Reviewed By :Krupa Patel 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023



#78
n-propylbenzene
Concen: 49.275 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. -0.000 min
Lab File: VY014352.D
Acq: 21 Jun 2023 21:56

Tgt Ion: 91 Resp: 752051
Ion Ratio Lower Upper
91 100
120 23.1 11.5 34.4





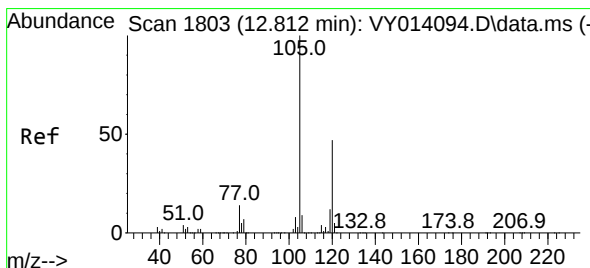
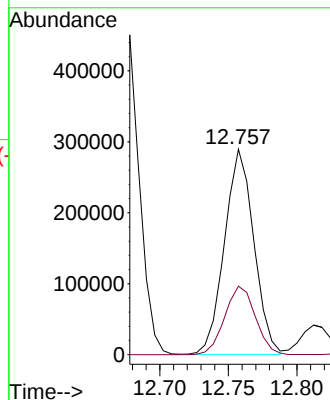
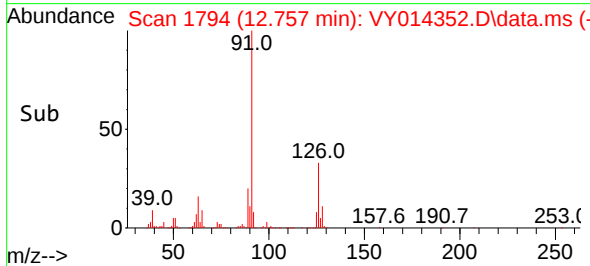
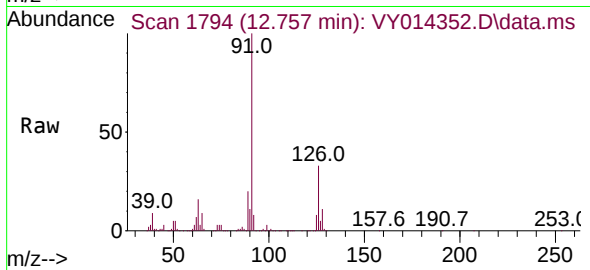
#79
2-Chlorotoluene
Concen: 49.001 ug/l
RT: 12.757 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY014352.D
Acq: 21 Jun 2023 21:56

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 430310
Ion Ratio Lower Upper
91 100
126 34.9 17.3 51.7

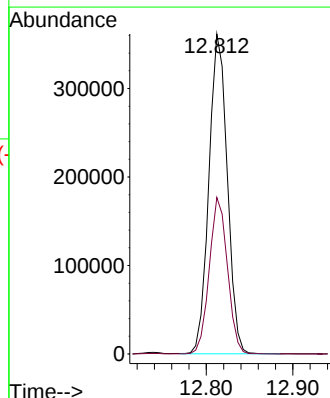
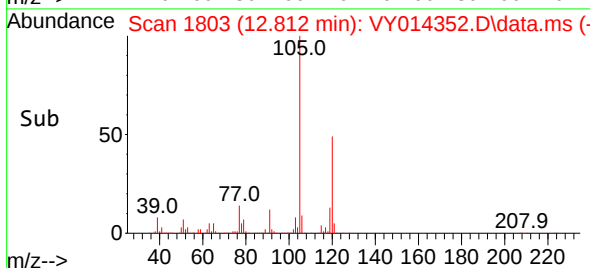
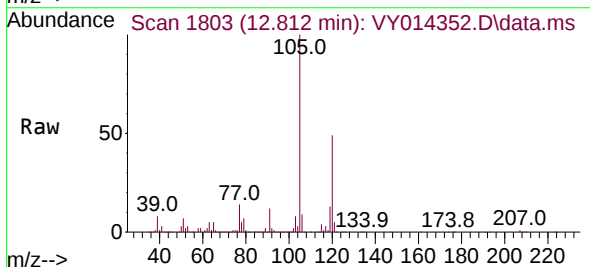
Manual Integrations
APPROVED

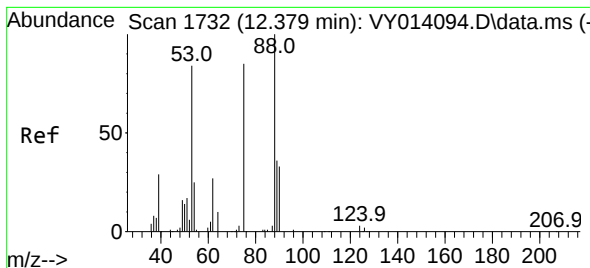
Reviewed By :Krupa Patel 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023



#80
1,3,5-Trimethylbenzene
Concen: 49.763 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY014352.D
Acq: 21 Jun 2023 21:56

Tgt Ion:105 Resp: 532428
Ion Ratio Lower Upper
105 100
120 48.5 23.9 71.7





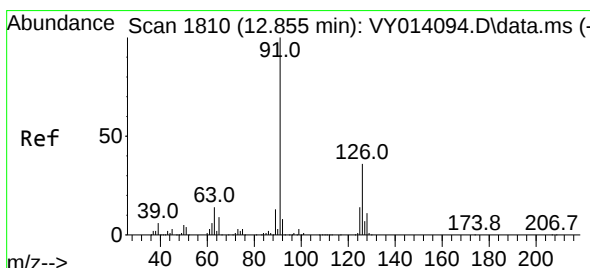
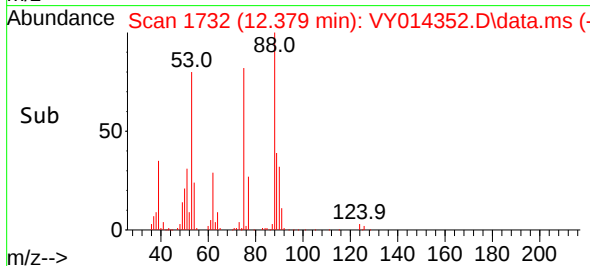
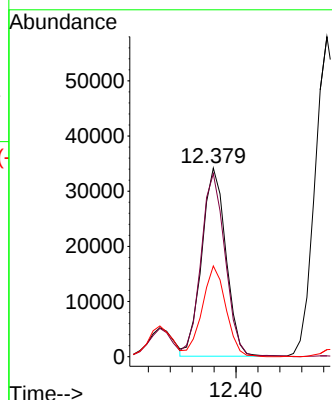
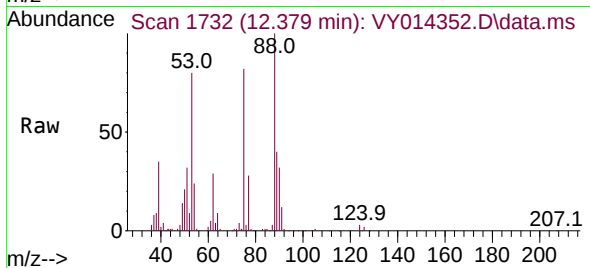
#81
trans-1,4-Dichloro-2-butene
Concen: 52.472 ug/l
RT: 12.379 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VY014352.D
Acq: 21 Jun 2023 21:56

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 5216
Ion Ratio Lower Upper
75 100
53 97.8 77.8 116.8
89 47.6 37.4 56.0

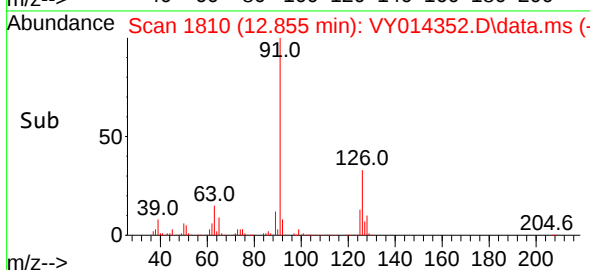
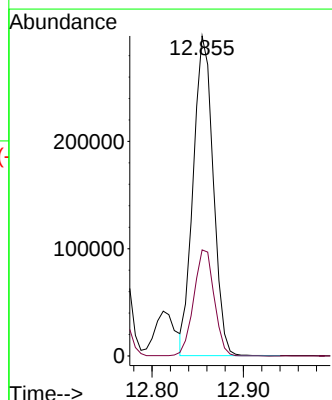
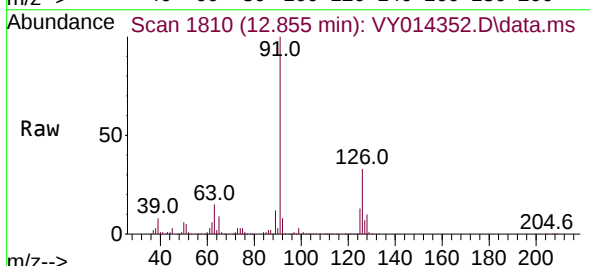
Manual Integrations
APPROVED

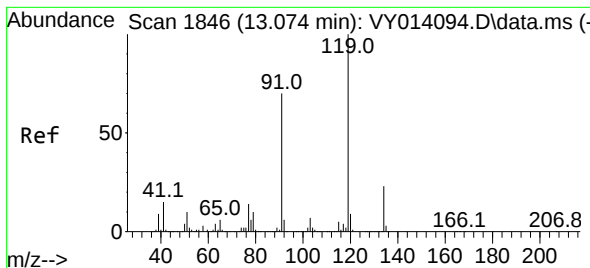
Reviewed By :Krupa Patel 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023



#82
4-Chlorotoluene
Concen: 48.589 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY014352.D
Acq: 21 Jun 2023 21:56

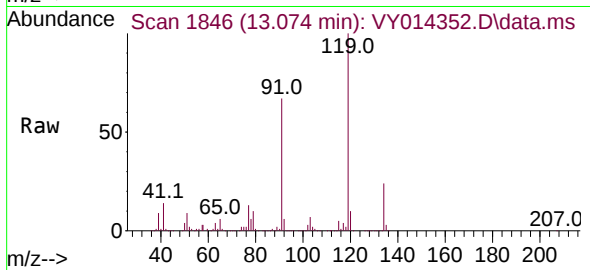
Tgt Ion: 91 Resp: 452172
Ion Ratio Lower Upper
91 100
126 34.1 17.2 51.6





#83
tert-Butylbenzene
Concen: 48.822 ug/l
RT: 13.074 min Scan# 1846
Delta R.T. 0.000 min
Lab File: VY014352.D
Acq: 21 Jun 2023 21:56

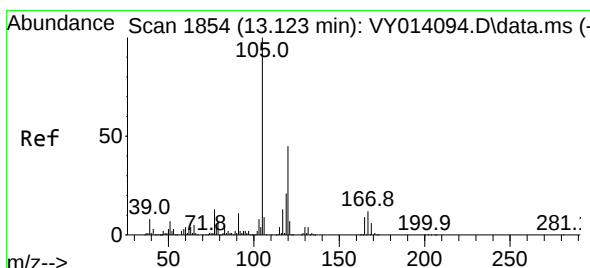
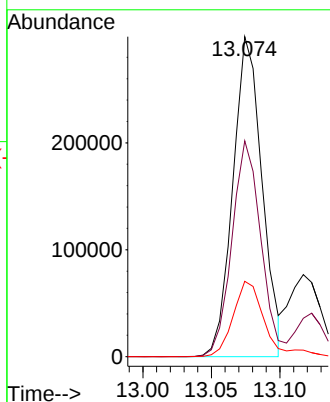
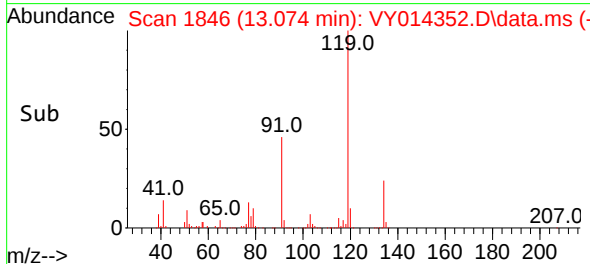
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



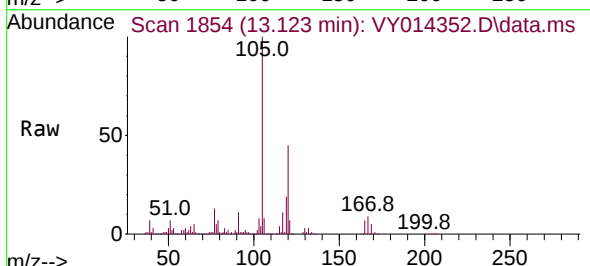
Tgt Ion:119 Resp: 443900
Ion Ratio Lower Upper
119 100
91 67.2 32.9 98.6
134 25.6 13.0 38.9

Manual Integrations
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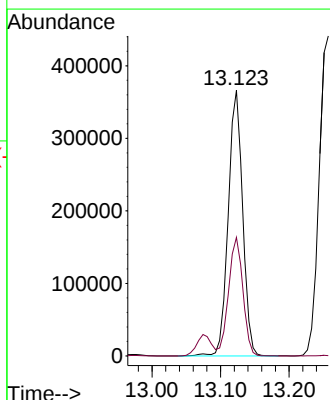
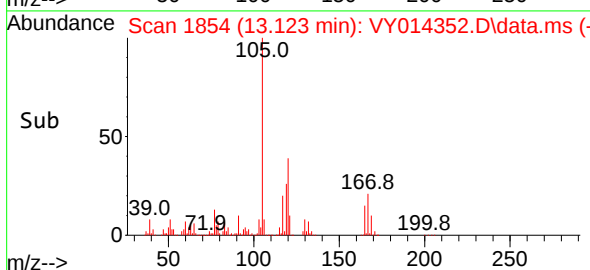
Reviewed By :Krupa Patel 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023

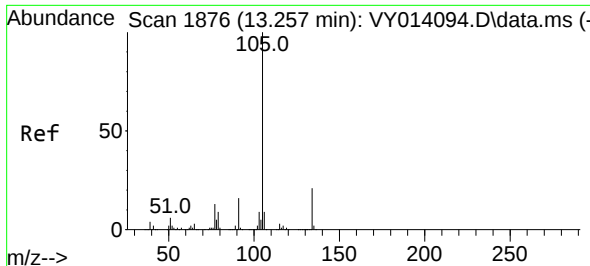


#84
1,2,4-Trimethylbenzene
Concen: 50.496 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VY014352.D
Acq: 21 Jun 2023 21:56



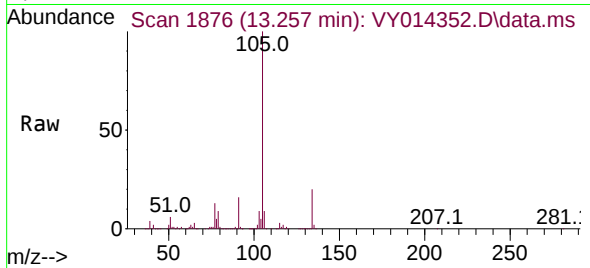
Tgt Ion:105 Resp: 534804
Ion Ratio Lower Upper
105 100
120 44.5 22.2 66.6





#85
 sec-Butylbenzene
 Concen: 50.242 ug/l
 RT: 13.257 min Scan# 1876
 Delta R.T. 0.000 min
 Lab File: VY014352.D
 Acq: 21 Jun 2023 21:56

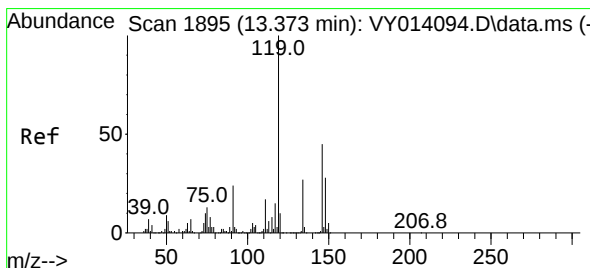
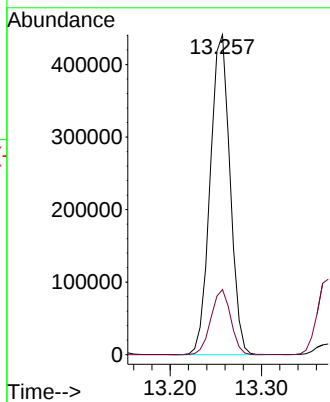
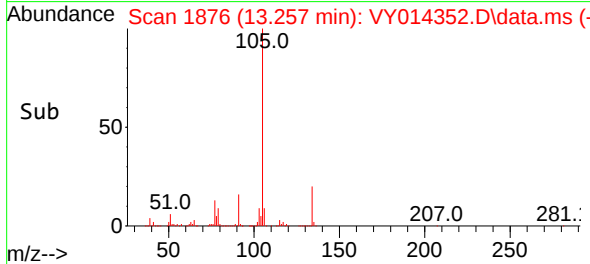
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050



Tgt Ion:105 Resp: 66413
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.2 30.6

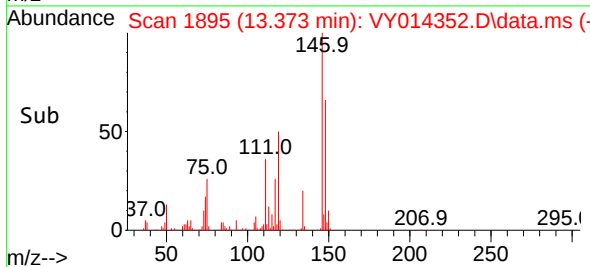
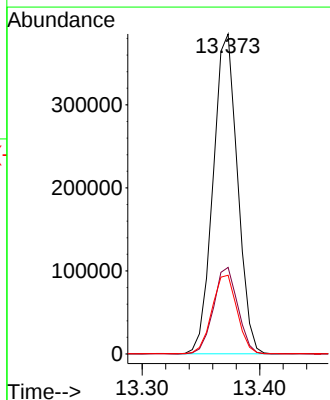
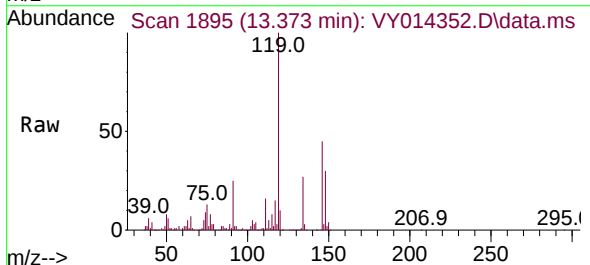
Manual Integrations
 APPROVED

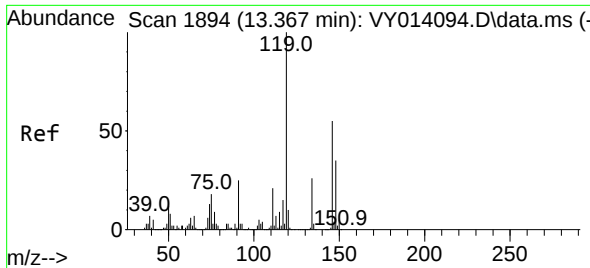
Reviewed By :Krupa Patel 06/22/2023
 Supervised By :Mahesh Dadoda 06/22/2023



#86
 p-Isopropyltoluene
 Concen: 49.180 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. 0.000 min
 Lab File: VY014352.D
 Acq: 21 Jun 2023 21:56

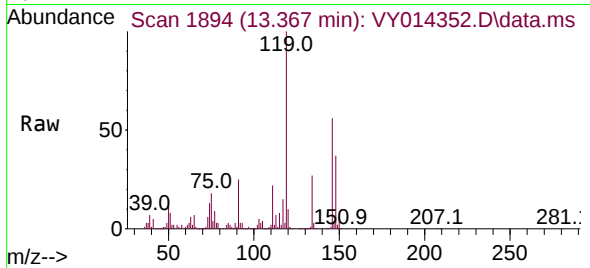
Tgt Ion:119 Resp: 556379
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.3 39.8
 91 25.2 12.4 37.4





#87
1,3-Dichlorobenzene
Concen: 49.199 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. -0.000 min
Lab File: VY014352.D
Acq: 21 Jun 2023 21:56

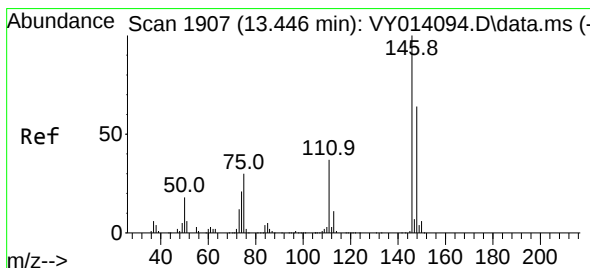
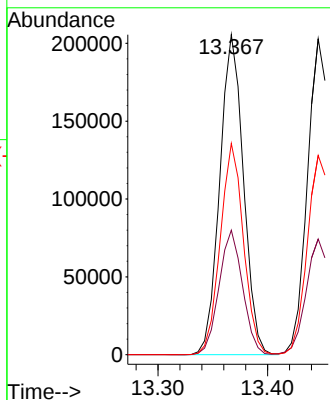
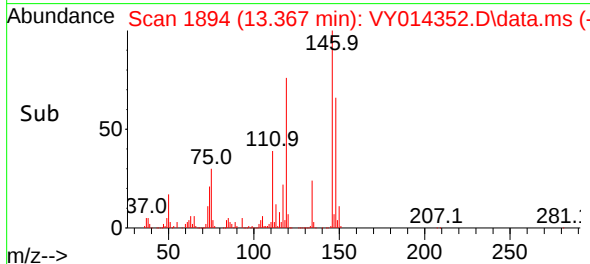
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



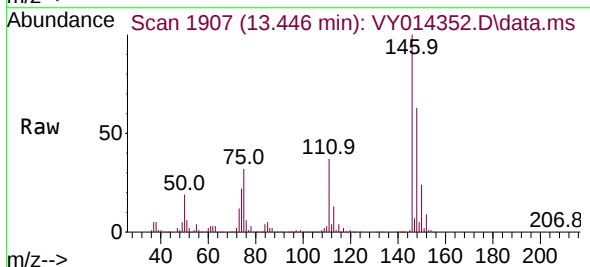
Tgt Ion:146 Resp: 30850
Ion Ratio Lower Upper
146 100
111 38.7 19.4 58.2
148 64.8 31.9 95.5

Manual Integrations
APPROVED

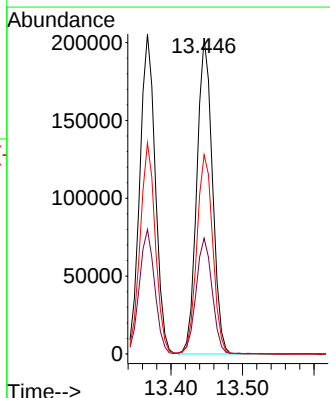
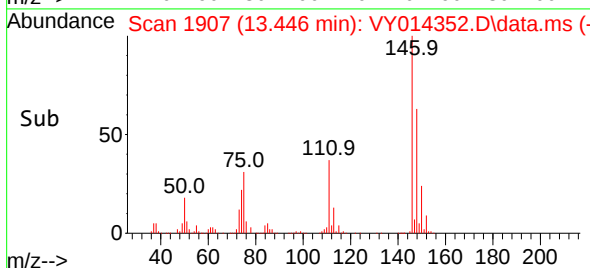
Reviewed By :Krupa Patel 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023

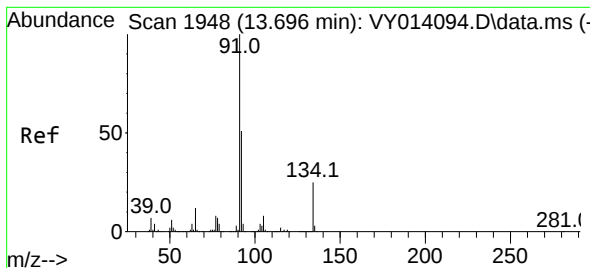


#88
1,4-Dichlorobenzene
Concen: 48.472 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY014352.D
Acq: 21 Jun 2023 21:56



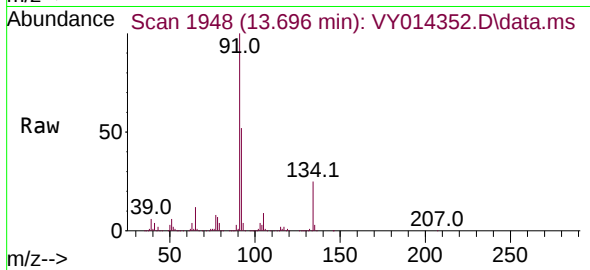
Tgt Ion:146 Resp: 306238
Ion Ratio Lower Upper
146 100
111 37.6 18.9 56.7
148 64.4 32.1 96.5





#89
n-Butylbenzene
Concen: 49.693 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY014352.D
Acq: 21 Jun 2023 21:56

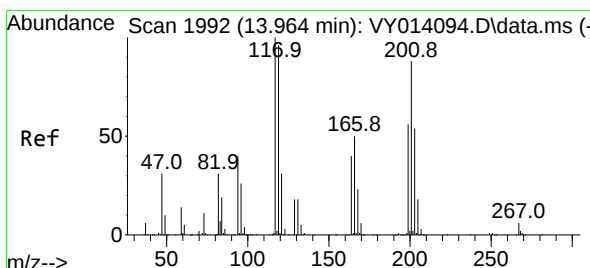
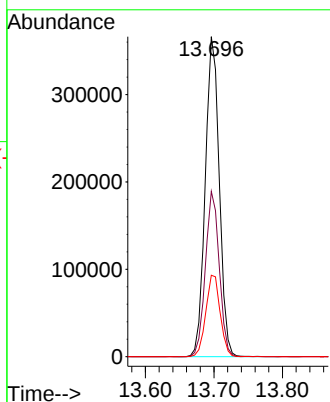
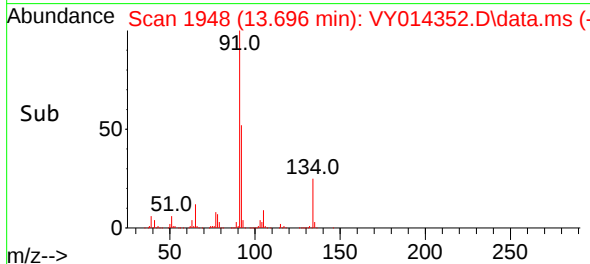
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



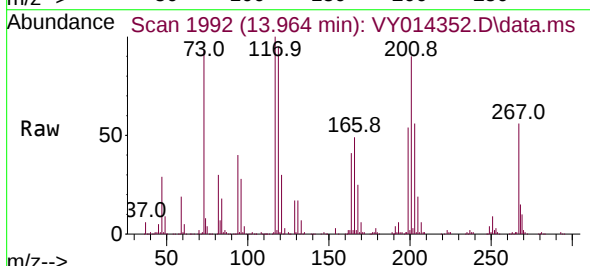
Tgt Ion: 91 Resp: 52142
Ion Ratio Lower Upper
91 100
92 51.1 25.4 76.0
134 26.1 12.6 37.6

Manual Integrations
APPROVED

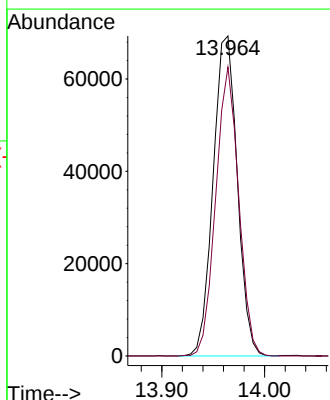
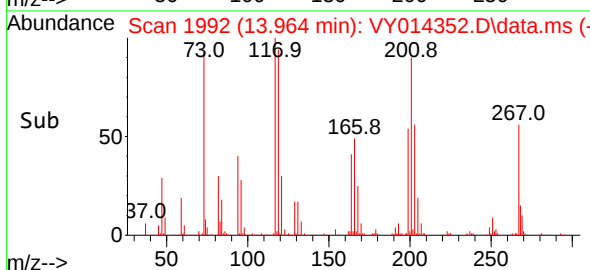
Reviewed By :Krupa Patel 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023

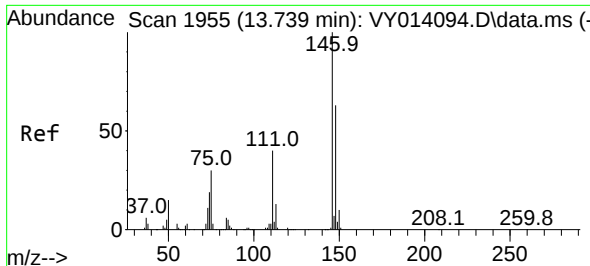


#90
Hexachloroethane
Concen: 50.233 ug/l
RT: 13.964 min Scan# 1992
Delta R.T. 0.000 min
Lab File: VY014352.D
Acq: 21 Jun 2023 21:56



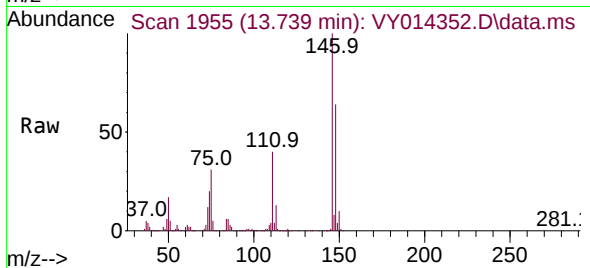
Tgt Ion:117 Resp: 113240
Ion Ratio Lower Upper
117 100
201 85.6 41.6 124.8





#91
1,2-Dichlorobenzene
Concen: 50.827 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. -0.000 min
Lab File: VY014352.D
Acq: 21 Jun 2023 21:56

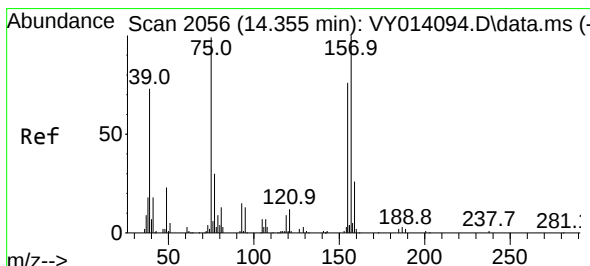
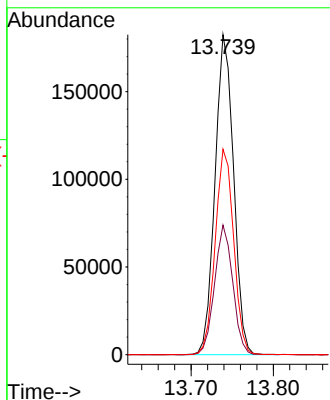
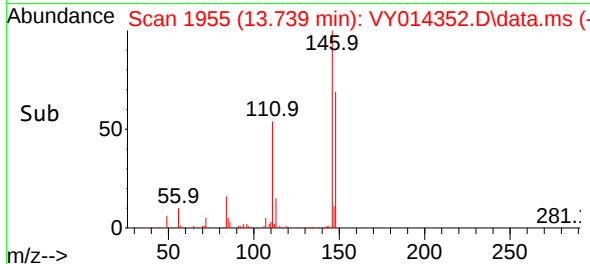
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



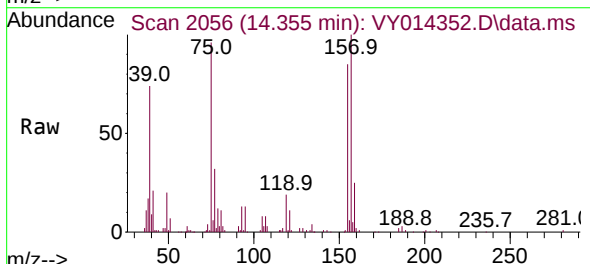
Tgt Ion:146 Resp: 28624
Ion Ratio Lower Upper
146 100
111 39.7 19.7 59.0
148 64.0 32.0 96.2

Manual Integrations
APPROVED

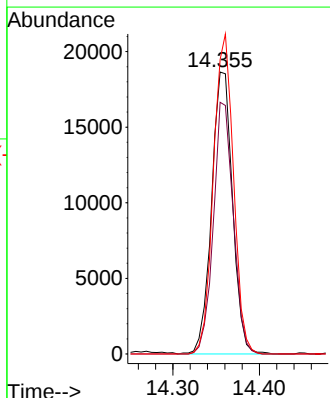
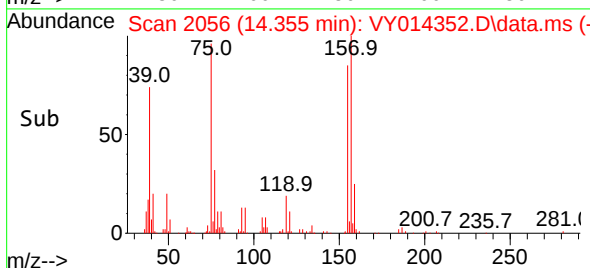
Reviewed By :Krupa Patel 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023

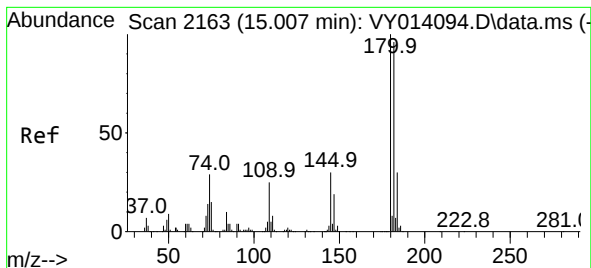


#92
1,2-Dibromo-3-Chloropropane
Concen: 58.870 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY014352.D
Acq: 21 Jun 2023 21:56



Tgt Ion: 75 Resp: 31301
Ion Ratio Lower Upper
75 100
155 84.7 41.5 124.6
157 108.5 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 50.462 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. -0.000 min

Lab File: VY014352.D

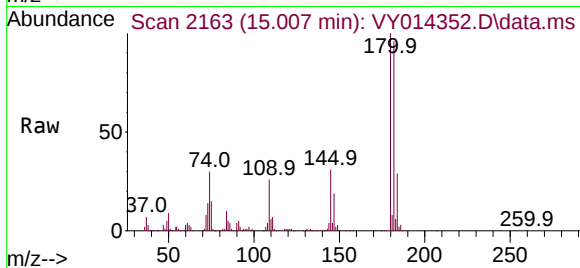
Acq: 21 Jun 2023 21:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050



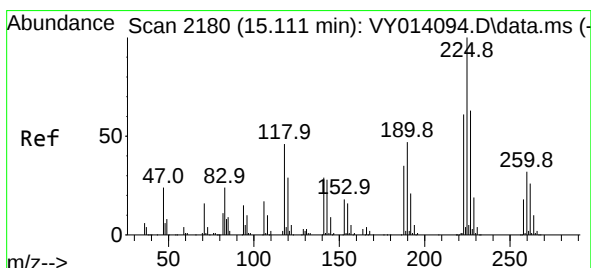
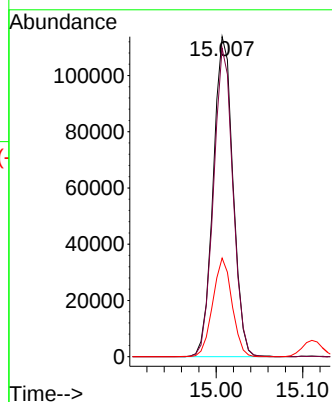
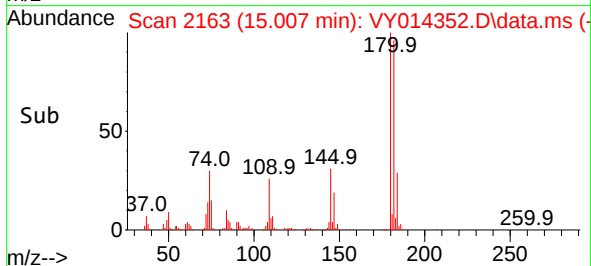
Tgt Ion:	180	Resp:	18003
Ion Ratio	Lower	Upper	
180	100		
182	94.9	47.0	141.2
145	30.1	14.5	43.5

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 06/22/2023

Supervised By :Mahesh Dadoda 06/22/2023



#94

Hexachlorobutadiene

Concen: 50.172 ug/l

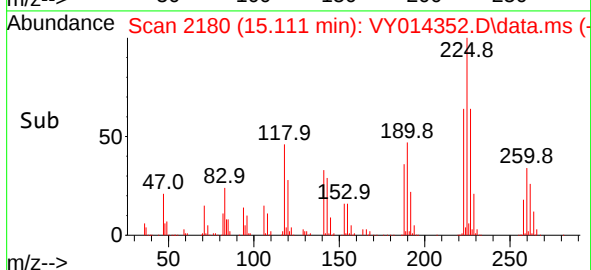
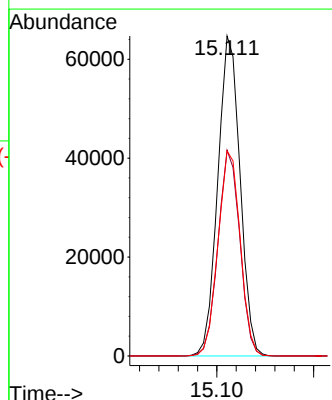
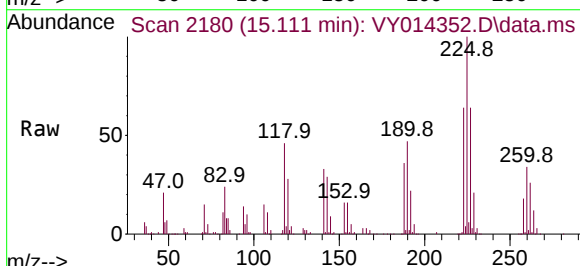
RT: 15.111 min Scan# 2180

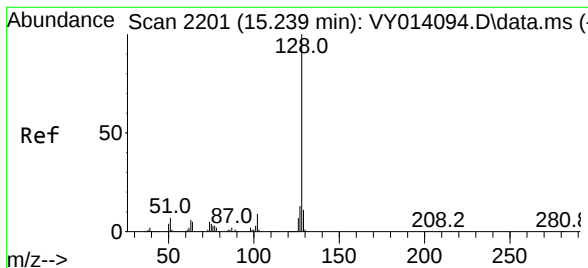
Delta R.T. -0.000 min

Lab File: VY014352.D

Acq: 21 Jun 2023 21:56

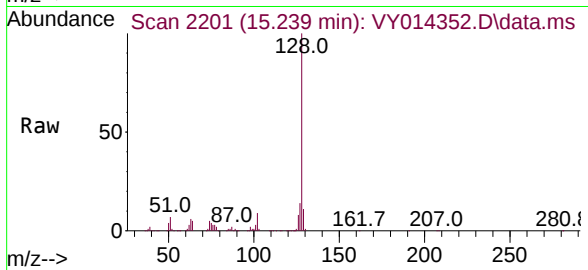
Tgt Ion:	225	Resp:	103339
Ion Ratio	Lower	Upper	
225	100		
223	62.9	31.9	95.9
227	63.8	33.0	98.9





#95
Naphthalene
Concen: 56.822 ug/l
RT: 15.239 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY014352.D
Acq: 21 Jun 2023 21:56

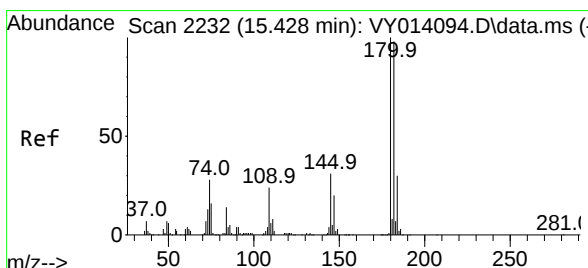
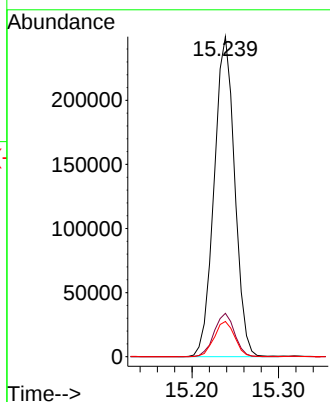
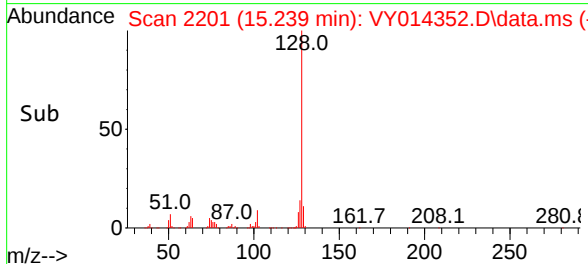
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:128 Resp: 411474
Ion Ratio Lower Upper
128 100
127 13.5 10.8 16.2
129 11.0 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023



#96
1,2,3-Trichlorobenzene
Concen: 51.684 ug/l
RT: 15.428 min Scan# 2232
Delta R.T. -0.000 min
Lab File: VY014352.D
Acq: 21 Jun 2023 21:56

Tgt Ion:180 Resp: 166618
Ion Ratio Lower Upper
180 100
182 95.3 47.3 141.8
145 31.1 15.4 46.2

