

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062323\
 Data File : VY014399.D
 Acq On : 23 Jun 2023 11:05
 Operator : KP/MD
 Sample : VSTDIC020
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 06/26/2023
 Supervised By :Mahesh Dadoda 06/26/2023

Quant Time: Jun 23 12:56:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 23 12:54:32 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	261778	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	386723	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	360216	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	194802	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	62486	19.225	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	38.460%#		
35) Dibromofluoromethane	7.722	113	47537	19.896	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	39.800%#		
50) Toluene-d8	10.179	98	184892	19.467	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	38.940%#		
62) 4-Bromofluorobenzene	12.483	95	64547	19.037	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	38.080%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	54464	22.414	ug/l	98
3) Chloromethane	2.113	50	50035	21.041	ug/l	98
4) Vinyl Chloride	2.247	62	53658	20.703	ug/l	100
5) Bromomethane	2.631	94	47275	20.760	ug/l	100
6) Chloroethane	2.784	64	35051	20.417	ug/l	100
7) Trichlorofluoromethane	3.119	101	106540	20.821	ug/l	99
8) Diethyl Ether	3.528	74	32157	20.612	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.900	101	49677	20.541	ug/l	97
10) Methyl Iodide	4.088	142	53680	18.704	ug/l	94
11) Tert butyl alcohol	4.954	59	62332	139.280	ug/l #	88
12) 1,1-Dichloroethene	3.869	96	48937	20.292	ug/l	95
13) Acrolein	3.723	56	47172	111.045	ug/l	96
14) Allyl chloride	4.473	41	76803	19.940	ug/l	94
15) Acrylonitrile	5.155	53	90022	103.191	ug/l	100
16) Acetone	3.948	43	97252	95.091	ug/l	100
17) Carbon Disulfide	4.192	76	157076	21.047	ug/l	97
18) Methyl Acetate	4.473	43	71571	20.356	ug/l	95
19) Methyl tert-butyl Ether	5.222	73	145920	19.672	ug/l	99
20) Methylene Chloride	4.710	84	71507	20.985	ug/l	94
21) trans-1,2-Dichloroethene	5.216	96	53682	20.244	ug/l	96
22) Diisopropyl ether	6.119	45	149302	19.506	ug/l	94
23) Vinyl Acetate	6.064	43	389758m	96.421	ug/l	
24) 1,1-Dichloroethane	6.015	63	90685	19.952	ug/l	97
25) 2-Butanone	6.990	43	125591	98.593	ug/l	97
26) 2,2-Dichloropropane	6.978	77	94744	19.714	ug/l	98
27) cis-1,2-Dichloroethene	6.984	96	59426	19.908	ug/l	96
28) Bromochloromethane	7.332	49	41243	20.806	ug/l	86
29) Tetrahydrofuran	7.344	42	77735	102.342	ug/l	90
30) Chloroform	7.509	83	100542	19.609	ug/l	94
31) Cyclohexane	7.783	56	78983	19.674	ug/l	93
32) 1,1,1-Trichloroethane	7.704	97	97599	19.998	ug/l	97
36) 1,1-Dichloropropene	7.917	75	75360	20.468	ug/l	100
37) Ethyl Acetate	7.076	43	51324	20.227	ug/l	99
38) Carbon Tetrachloride	7.899	117	92462	19.956	ug/l	98
39) Methylcyclohexane	9.185	83	87375	20.627	ug/l	94
40) Benzene	8.161	78	207539	19.902	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.320	41	25022m	19.769	ug/l	
42) 1,2-Dichloroethane	8.234	62	78513	19.858	ug/l	99
43) Isopropyl Acetate	8.271	43	89332	19.938	ug/l	97
44) Trichloroethene	8.941	130	59683	19.934	ug/l	97
45) 1,2-Dichloropropane	9.216	63	49003	19.930	ug/l	94
46) Dibromomethane	9.307	93	34185	20.345	ug/l	98
47) Bromodichloromethane	9.496	83	77336	19.747	ug/l	99
48) Methyl methacrylate	9.295	41	42096	20.229	ug/l	96
49) 1,4-Dioxane	9.301	88	10835	412.407	ug/l #	46
51) 4-Methyl-2-Pentanone	10.069	43	256118	101.283	ug/l	97
52) Toluene	10.246	92	133163	19.846	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	83461	19.657	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	86604	19.775	ug/l	97
55) 1,1,2-Trichloroethane	10.648	97	45448	20.199	ug/l	91
56) Ethyl methacrylate	10.508	69	63022	19.613	ug/l	95
57) 1,3-Dichloropropane	10.789	76	75933	20.064	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.783	63	158416	105.248	ug/l	93
59) 2-Hexanone	10.831	43	194192	101.913	ug/l	98
60) Dibromochloromethane	10.984	129	59219	19.841	ug/l	98
61) 1,2-Dibromoethane	11.087	107	45383	20.258	ug/l	97
64) Tetrachloroethene	10.721	164	63194	20.616	ug/l	93
65) Chlorobenzene	11.514	112	146600	19.810	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	59165	19.847	ug/l	98
67) Ethyl Benzene	11.593	91	260520	19.770	ug/l	98
68) m/p-Xylenes	11.703	106	207615	40.337	ug/l	98
69) o-Xylene	12.032	106	96469	19.697	ug/l	98
70) Styrene	12.044	104	166090	19.787	ug/l	100
71) Bromoform	12.209	173	43728	19.848	ug/l #	99
73) Isopropylbenzene	12.331	105	256881	19.584	ug/l	100
74) N-amyl acetate	12.142	43	80906	19.476	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.581	83	55281	19.720	ug/l	98
76) 1,2,3-Trichloropropane	12.630	75	46531m	18.997	ug/l	
77) Bromobenzene	12.605	156	68878	20.196	ug/l	91
78) n-propylbenzene	12.672	91	315960	19.966	ug/l	98
79) 2-Chlorotoluene	12.758	91	177819	19.675	ug/l	98
80) 1,3,5-Trimethylbenzene	12.813	105	227386	20.039	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	21501	20.032	ug/l	96
82) 4-Chlorotoluene	12.855	91	192489	19.993	ug/l	99
83) tert-Butylbenzene	13.075	119	188618	19.390	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	224441	19.961	ug/l	99
85) sec-Butylbenzene	13.251	105	279700	19.883	ug/l	99
86) p-Isopropyltoluene	13.367	119	243321	19.978	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	131643	20.012	ug/l	100
88) 1,4-Dichlorobenzene	13.447	146	131845	19.936	ug/l	99
89) n-Butylbenzene	13.697	91	221236	19.880	ug/l	99
90) Hexachloroethane	13.959	117	45337	19.567	ug/l	90
91) 1,2-Dichlorobenzene	13.739	146	118651	19.757	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	12841	20.726	ug/l	99
93) 1,2,4-Trichlorobenzene	15.007	180	76749	19.671	ug/l	98
94) Hexachlorobutadiene	15.111	225	47575	20.299	ug/l	98
95) Naphthalene	15.233	128	162878	19.417	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	70258	19.776	ug/l	99

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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

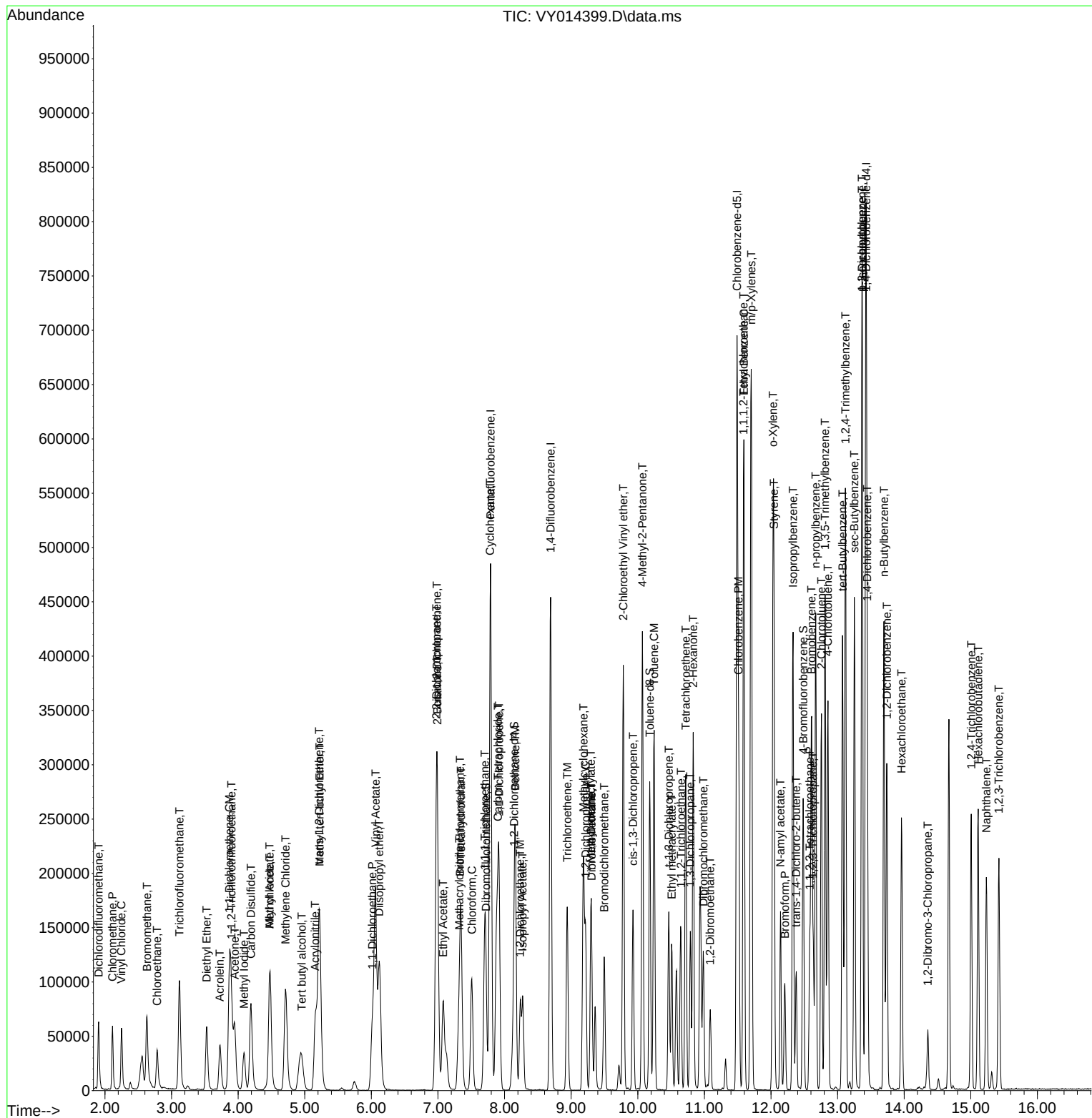
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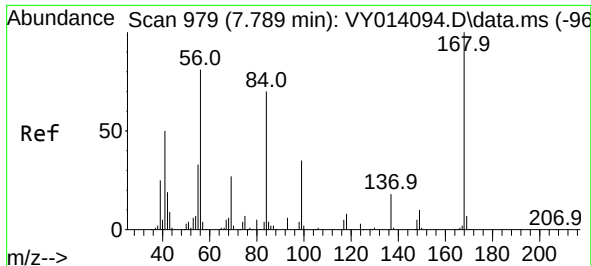
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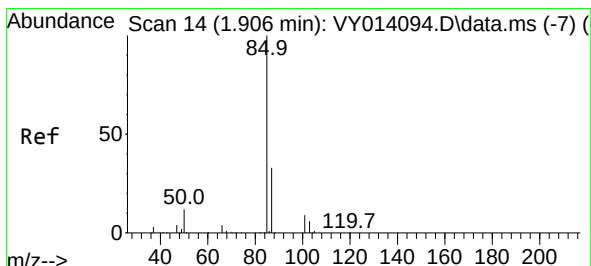
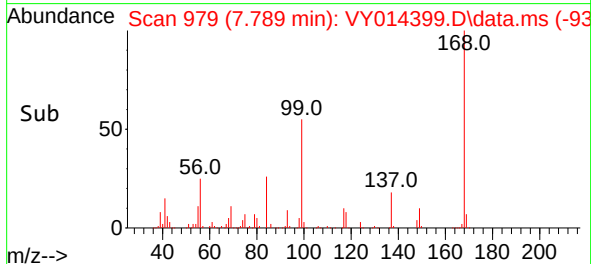
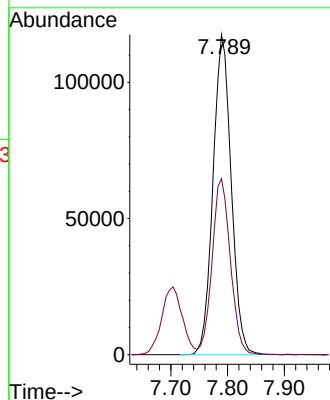
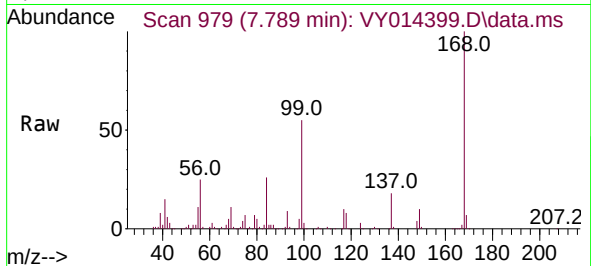
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
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MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion:168 Resp: 261778
Ion Ratio Lower Upper
168 100
99 54.9 43.4 65.0

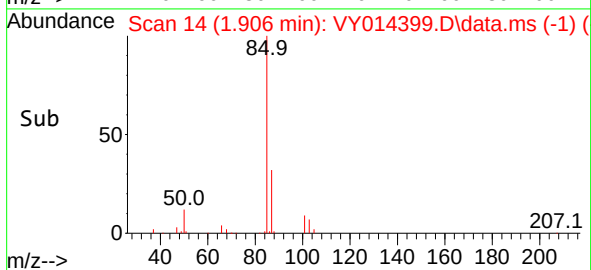
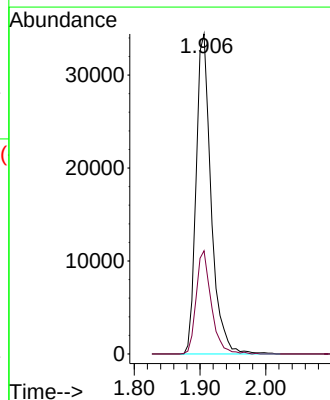
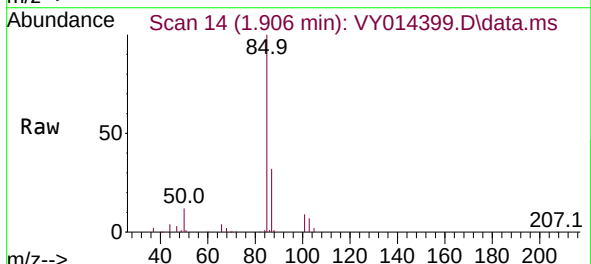
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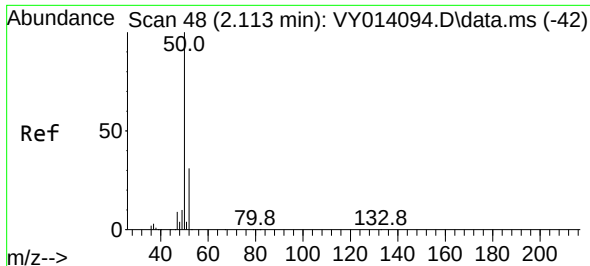
Reviewed By :Krupa Patel 06/26/2023
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#2
Dichlorodifluoromethane
Concen: 22.414 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY014399.D
Acq: 23 Jun 2023 11:05

Tgt Ion: 85 Resp: 54464
Ion Ratio Lower Upper
85 100
87 32.3 15.6 46.8





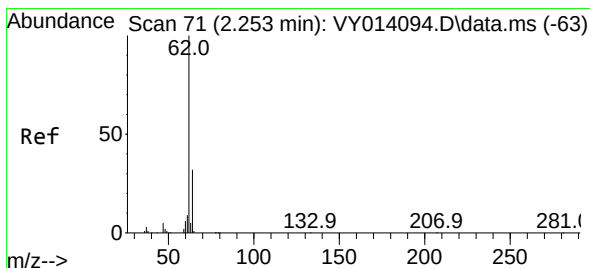
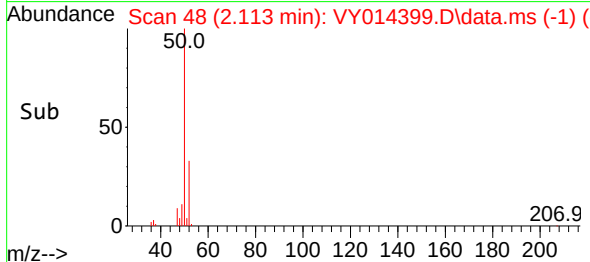
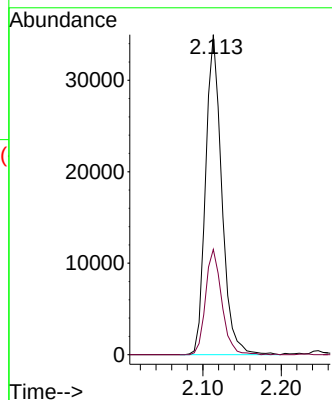
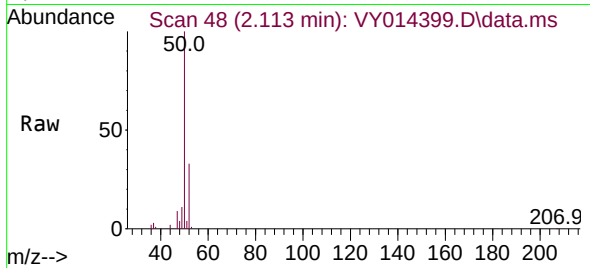
#3
Chloromethane
Concen: 21.041 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY014399.D
Acq: 23 Jun 2023 11:05

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ClientSampleId :
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Tgt Ion: 50 Resp: 50035
Ion Ratio Lower Upper
50 100
52 32.9 25.4 38.2

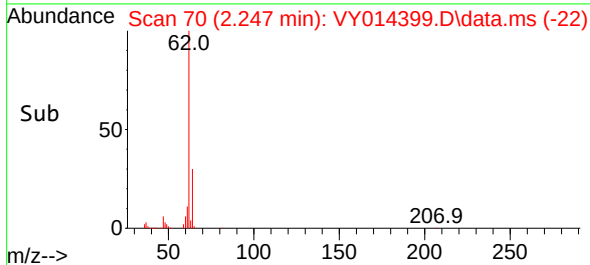
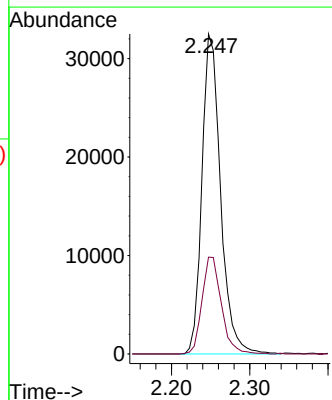
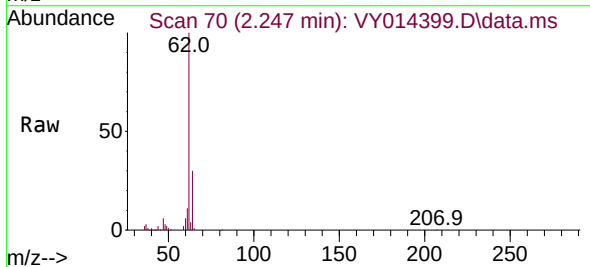
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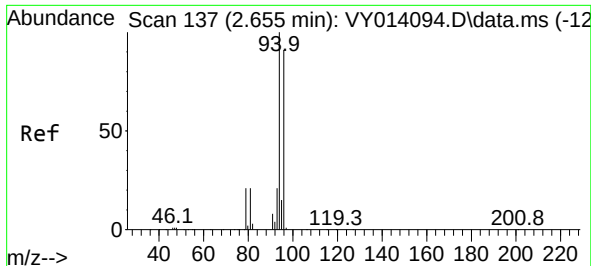
Reviewed By :Krupa Patel 06/26/2023
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#4
Vinyl Chloride
Concen: 20.703 ug/l
RT: 2.247 min Scan# 70
Delta R.T. -0.006 min
Lab File: VY014399.D
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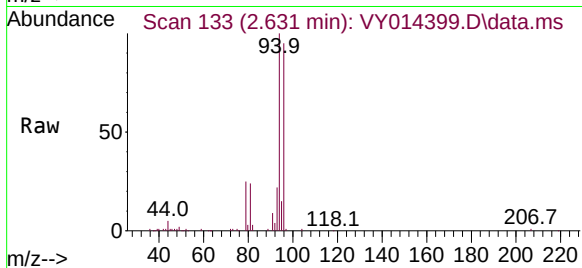
Tgt Ion: 62 Resp: 53658
Ion Ratio Lower Upper
62 100
64 30.2 24.3 36.5





#5
Bromomethane
Concen: 20.760 ug/l
RT: 2.631 min Scan# 11
Delta R.T. -0.024 min
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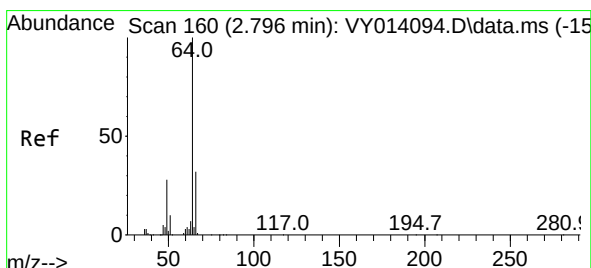
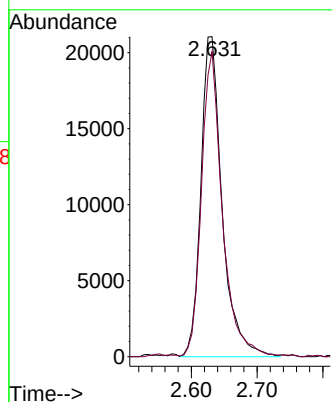
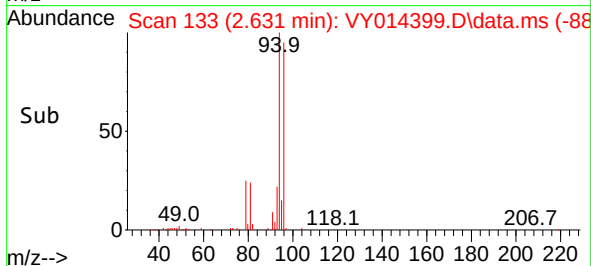
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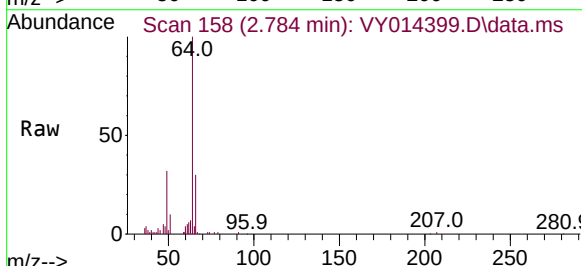
Tgt Ion: 94 Resp: 47275
Ion Ratio Lower Upper
94 100
96 95.0 75.8 113.6

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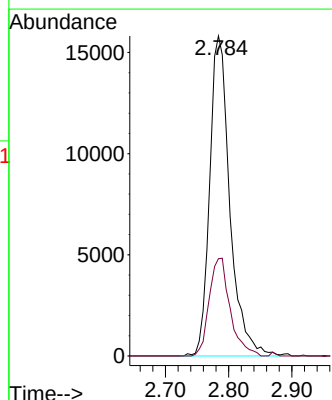
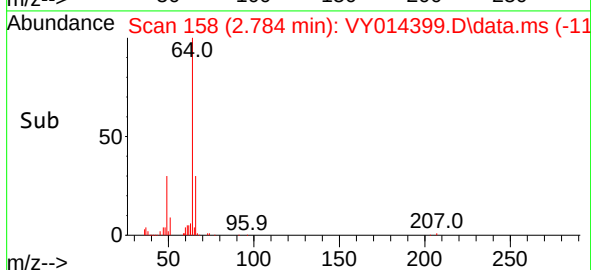
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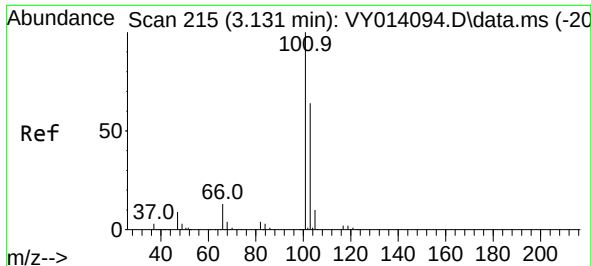


#6
Chloroethane
Concen: 20.417 ug/l
RT: 2.784 min Scan# 158
Delta R.T. -0.012 min
Lab File: VY014399.D
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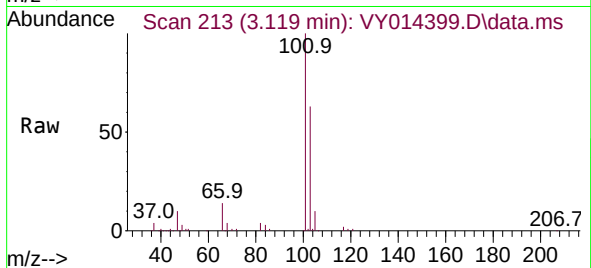
Tgt Ion: 64 Resp: 35051
Ion Ratio Lower Upper
64 100
66 30.4 24.4 36.6





#7
Trichlorofluoromethane
Concen: 20.821 ug/l
RT: 3.119 min Scan# 215
Delta R.T. -0.012 min
Lab File: VY014399.D
Acq: 23 Jun 2023 11:05

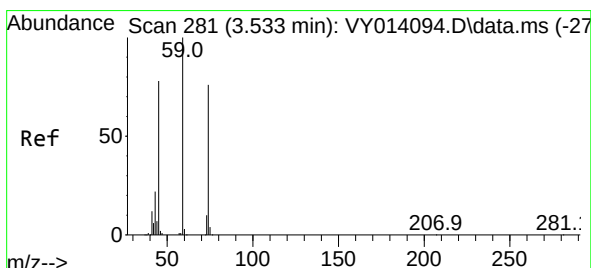
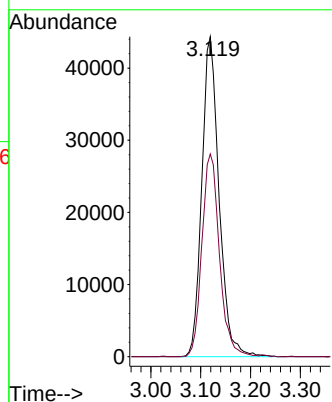
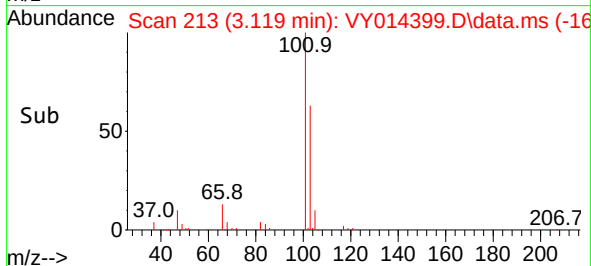
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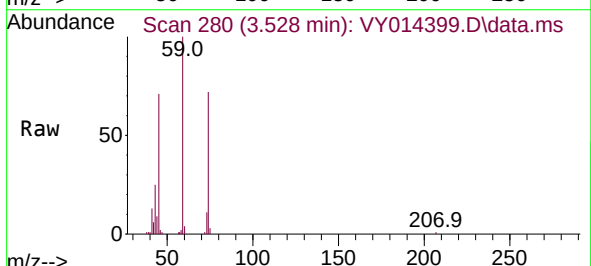
Tgt Ion:101 Resp: 106540
Ion Ratio Lower Upper
101 100
103 63.4 51.4 77.0

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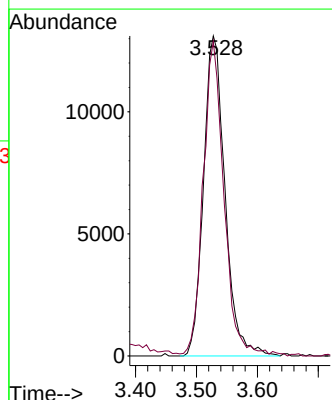
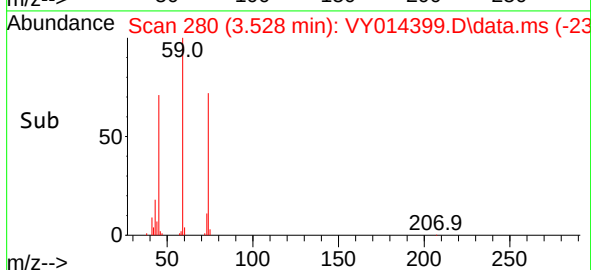
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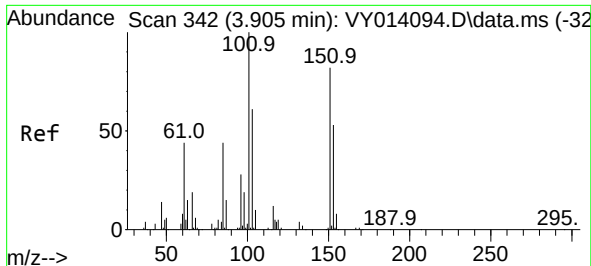


#8
Diethyl Ether
Concen: 20.612 ug/l
RT: 3.528 min Scan# 280
Delta R.T. -0.005 min
Lab File: VY014399.D
Acq: 23 Jun 2023 11:05



Tgt Ion: 74 Resp: 32157
Ion Ratio Lower Upper
74 100
45 95.4 51.5 154.5





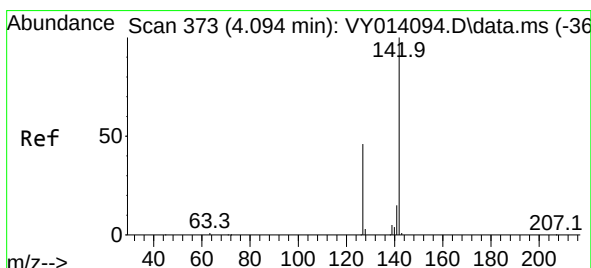
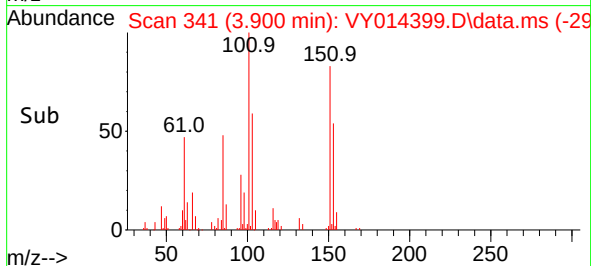
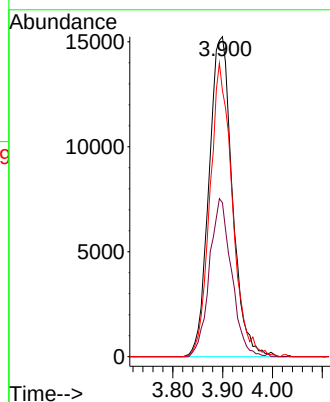
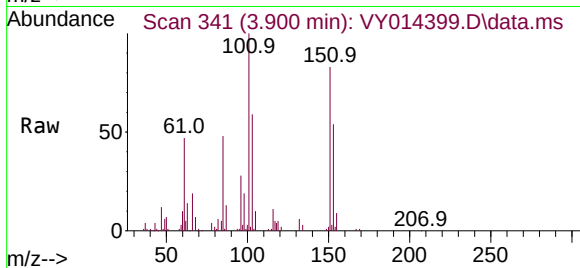
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.541 ug/l
RT: 3.900 min Scan# 341
Delta R.T. -0.005 min
Lab File: VY014399.D
Acq: 23 Jun 2023 11:05

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion:101 Resp: 4967
Ion Ratio Lower Upper
101 100
85 46.7 36.6 55.0
151 87.8 67.0 100.6

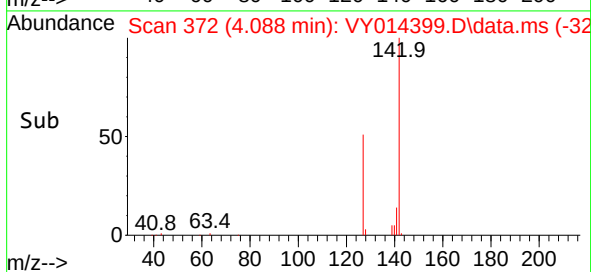
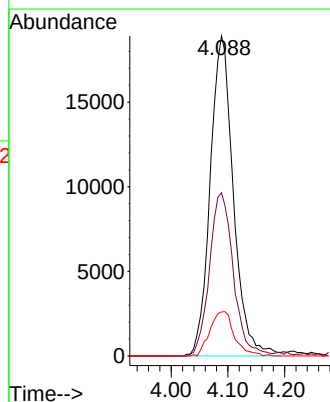
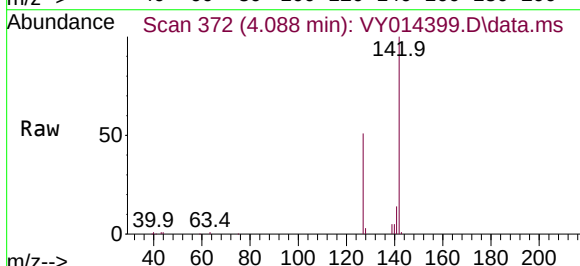
Manual Integrations
APPROVED

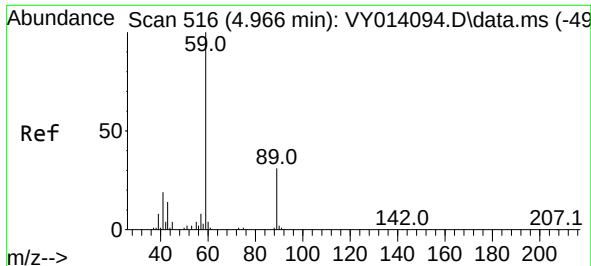
Reviewed By :Krupa Patel 06/26/2023
Supervised By :Mahesh Dadoda 06/26/2023



#10
Methyl Iodide
Concen: 18.704 ug/l
RT: 4.088 min Scan# 372
Delta R.T. -0.006 min
Lab File: VY014399.D
Acq: 23 Jun 2023 11:05

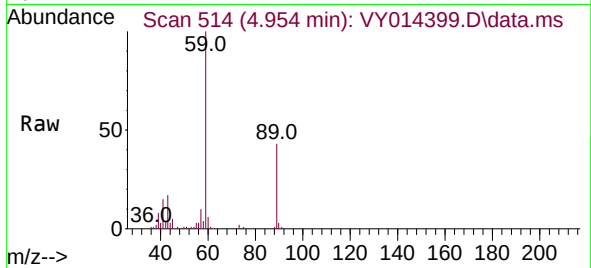
Tgt Ion:142 Resp: 53680
Ion Ratio Lower Upper
142 100
127 52.5 37.6 56.4
141 14.6 11.8 17.8





#11
Tert butyl alcohol
Concen: 139.280 ug/l
RT: 4.954 min Scan# 516
Delta R.T. -0.012 min
Lab File: VY014399.D
Acq: 23 Jun 2023 11:05

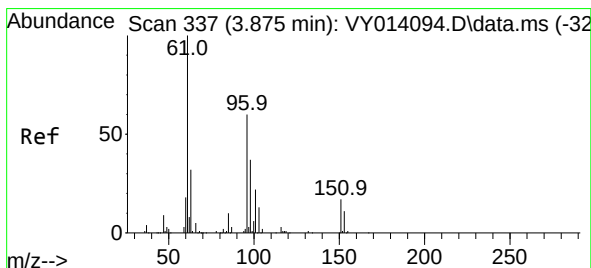
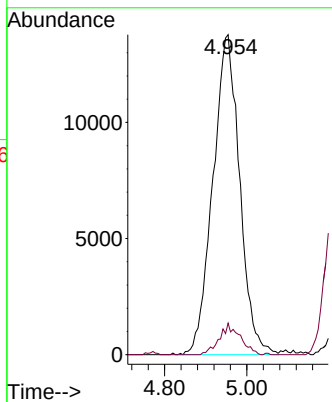
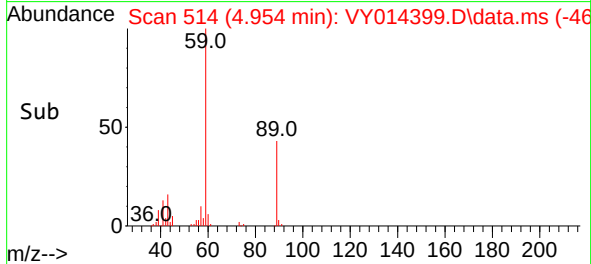
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



Tgt Ion: 59 Resp: 6233
Ion Ratio Lower Upper
59 100
57 7.6 3.0 4.4

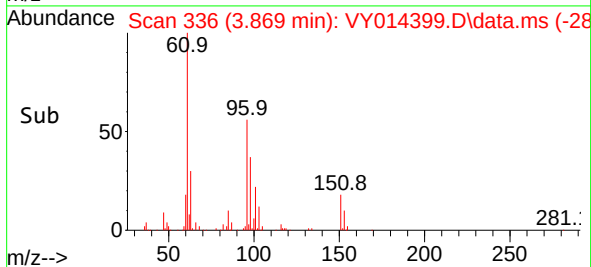
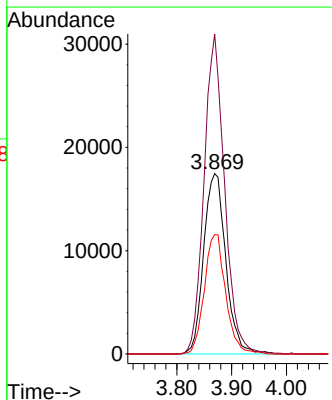
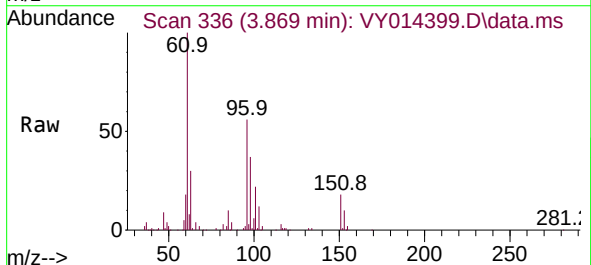
Manual Integrations
APPROVED

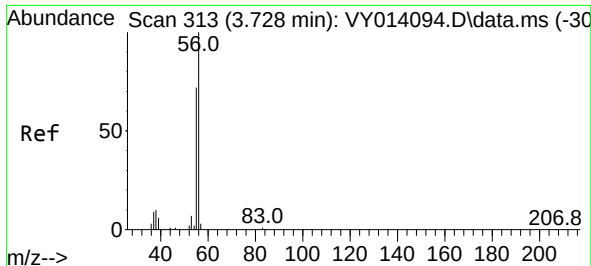
Reviewed By :Krupa Patel 06/26/2023
Supervised By :Mahesh Dadoda 06/26/2023



#12
1,1-Dichloroethene
Concen: 20.292 ug/l
RT: 3.869 min Scan# 336
Delta R.T. -0.006 min
Lab File: VY014399.D
Acq: 23 Jun 2023 11:05

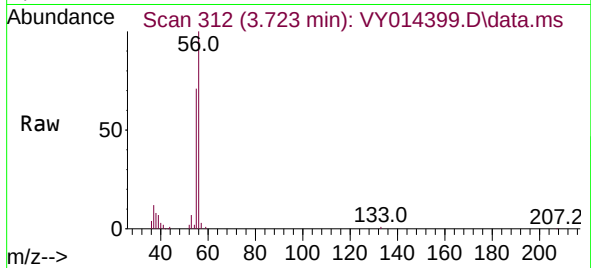
Tgt Ion: 96 Resp: 48937
Ion Ratio Lower Upper
96 100
61 177.5 136.4 204.6
98 66.2 49.4 74.2





#13
Acrolein
Concen: 111.045 ug/l
RT: 3.723 min Scan# 313
Delta R.T. -0.005 min
Lab File: VY014399.D
Acq: 23 Jun 2023 11:05

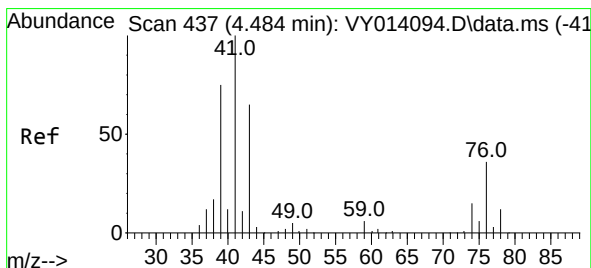
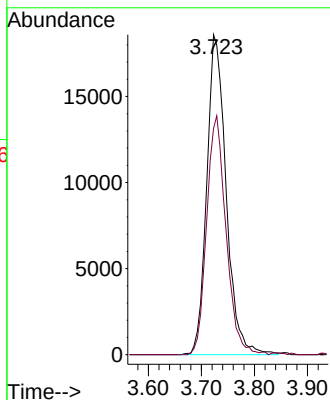
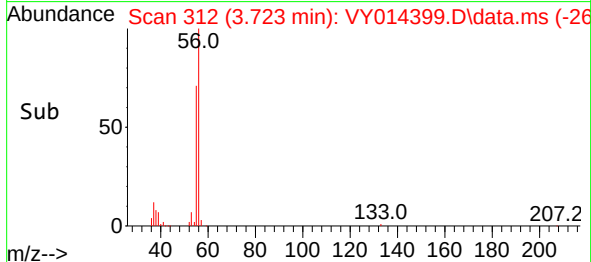
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



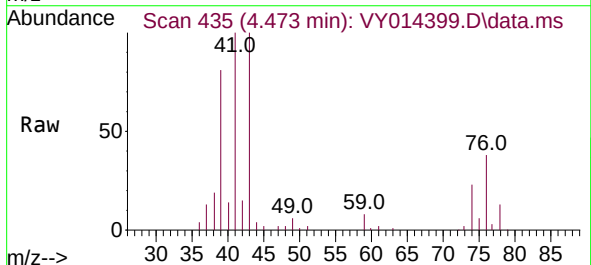
Tgt Ion: 56 Resp: 47172
Ion Ratio Lower Upper
56 100
55 74.6 57.0 85.4

Manual Integrations
APPROVED

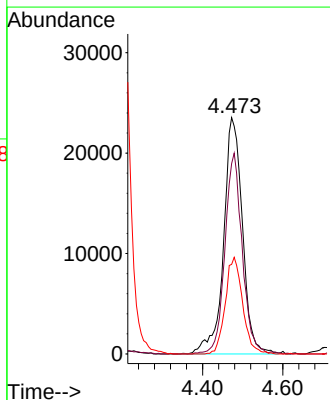
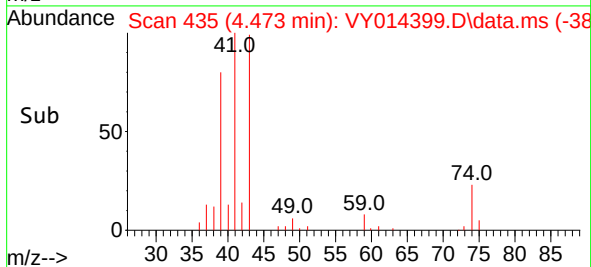
Reviewed By :Krupa Patel 06/26/2023
Supervised By :Mahesh Dadoda 06/26/2023

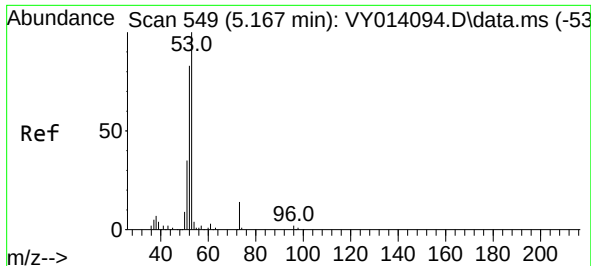


#14
Allyl chloride
Concen: 19.940 ug/l
RT: 4.473 min Scan# 435
Delta R.T. -0.011 min
Lab File: VY014399.D
Acq: 23 Jun 2023 11:05



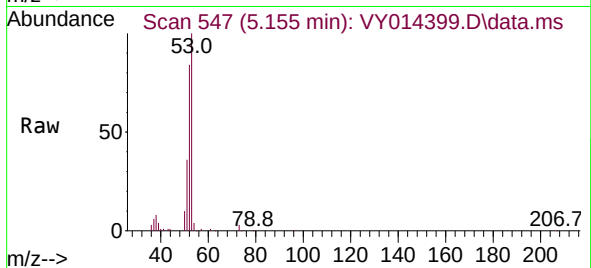
Tgt Ion: 41 Resp: 76803
Ion Ratio Lower Upper
41 100
39 77.8 58.0 87.0
76 37.6 27.4 41.2





#15
Acrylonitrile
Concen: 103.191 ug/l
RT: 5.155 min Scan# 549
Delta R.T. -0.012 min
Lab File: VY014399.D
Acq: 23 Jun 2023 11:05

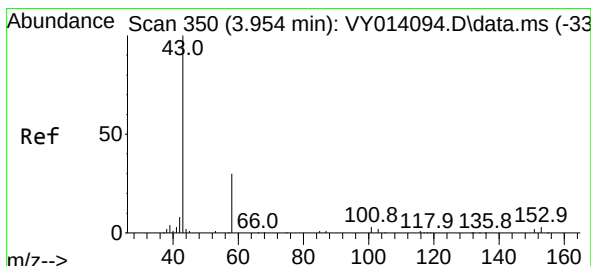
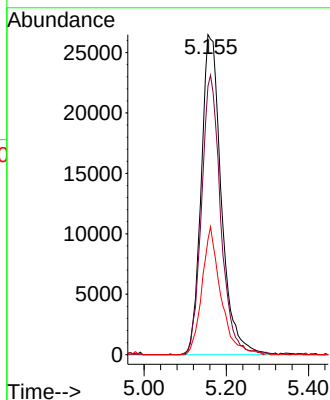
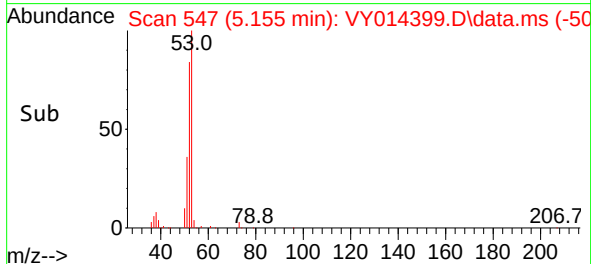
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



Tgt Ion: 53 Resp: 9002
Ion Ratio Lower Upper
53 100
52 83.3 66.9 100.3
51 37.4 29.8 44.6

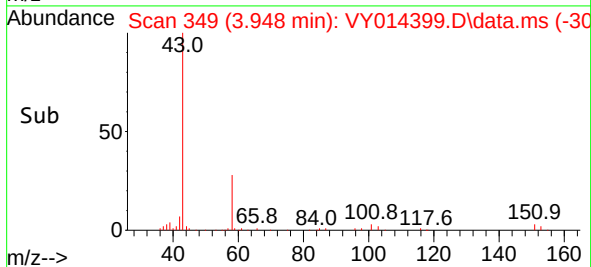
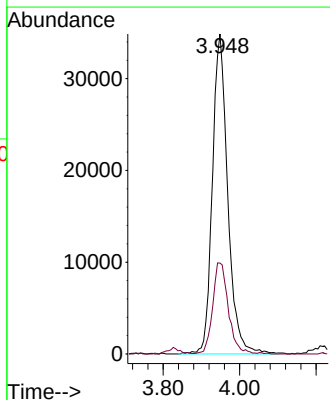
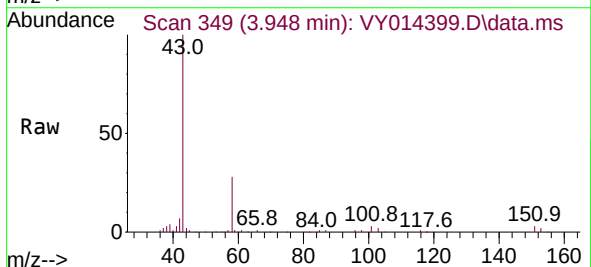
Manual Integrations
APPROVED

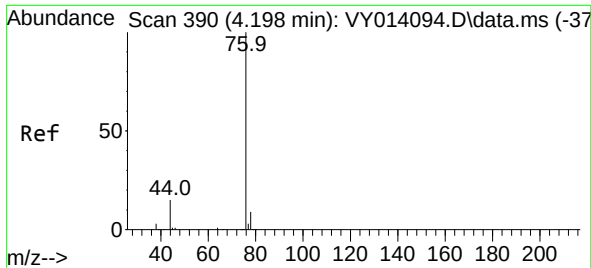
Reviewed By :Krupa Patel 06/26/2023
Supervised By :Mahesh Dadoda 06/26/2023



#16
Acetone
Concen: 95.091 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.006 min
Lab File: VY014399.D
Acq: 23 Jun 2023 11:05

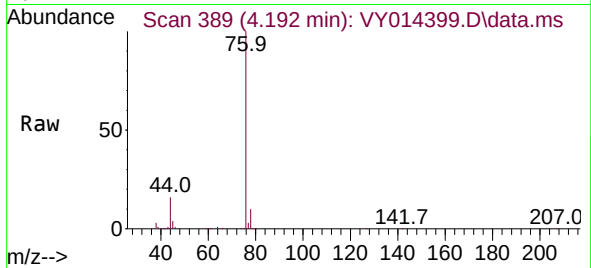
Tgt Ion: 43 Resp: 97252
Ion Ratio Lower Upper
43 100
58 28.4 22.7 34.1





#17
Carbon Disulfide
Concen: 21.047 ug/l
RT: 4.192 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY014399.D
Acq: 23 Jun 2023 11:05

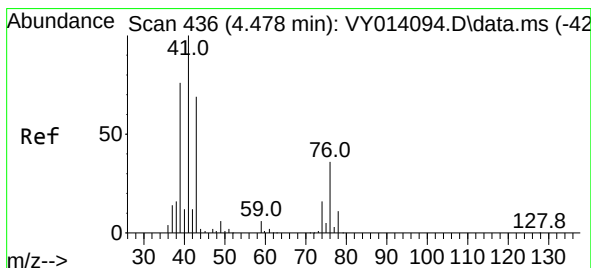
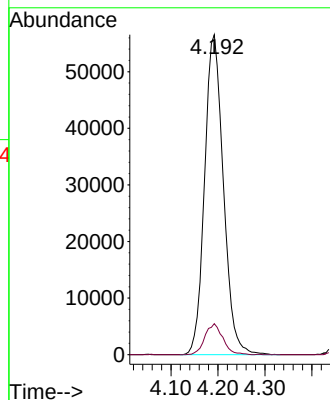
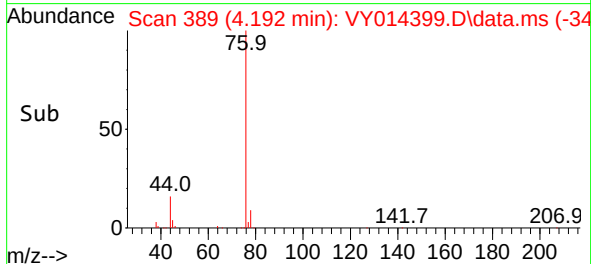
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



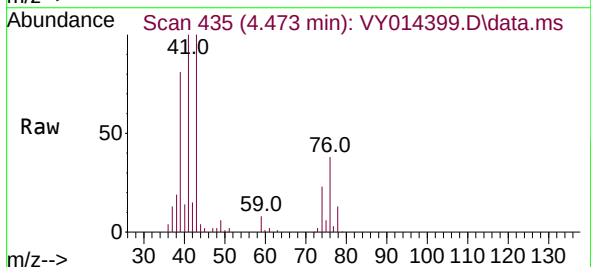
Tgt Ion: 76 Resp: 157070
Ion Ratio Lower Upper
76 100
78 9.7 7.0 10.4

Manual Integrations
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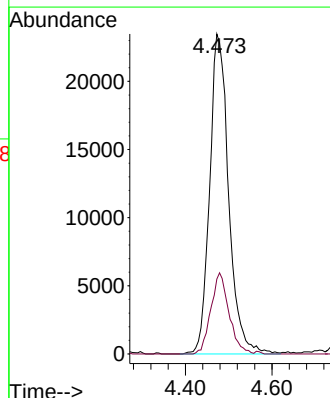
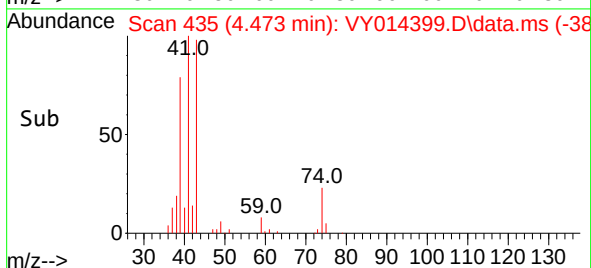
Reviewed By :Krupa Patel 06/26/2023
Supervised By :Mahesh Dadoda 06/26/2023

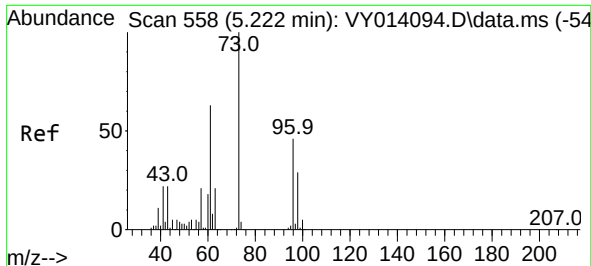


#18
Methyl Acetate
Concen: 20.356 ug/l
RT: 4.473 min Scan# 435
Delta R.T. -0.005 min
Lab File: VY014399.D
Acq: 23 Jun 2023 11:05



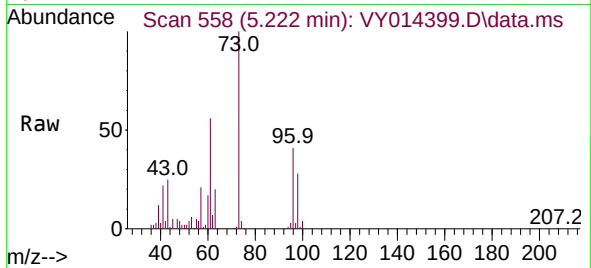
Tgt Ion: 43 Resp: 71571
Ion Ratio Lower Upper
43 100
74 24.2 17.4 26.0





#19
Methyl tert-butyl Ether
Concen: 19.672 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY014399.D
Acq: 23 Jun 2023 11:05

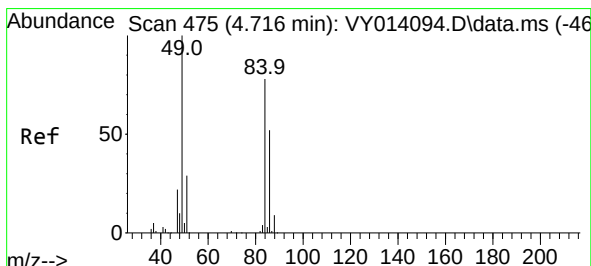
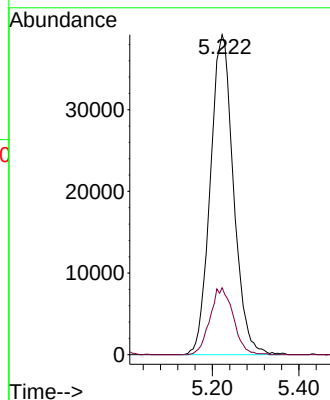
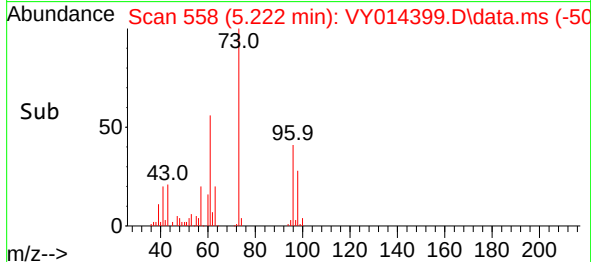
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



Tgt Ion: 73 Resp: 145920
Ion Ratio Lower Upper
73 100
57 20.9 17.3 25.9

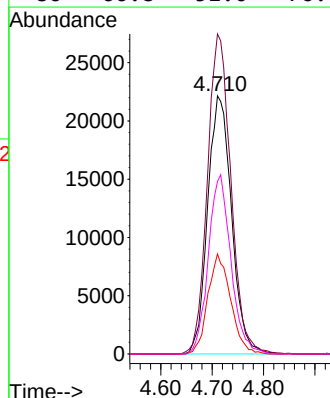
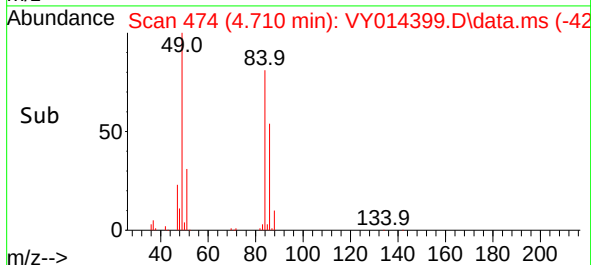
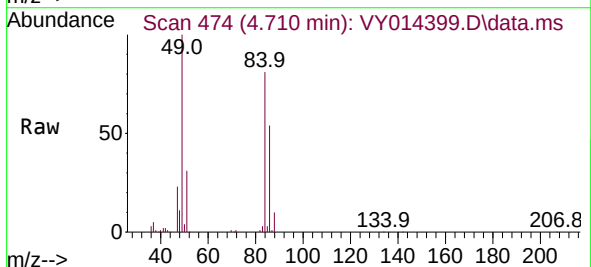
Manual Integrations
APPROVED

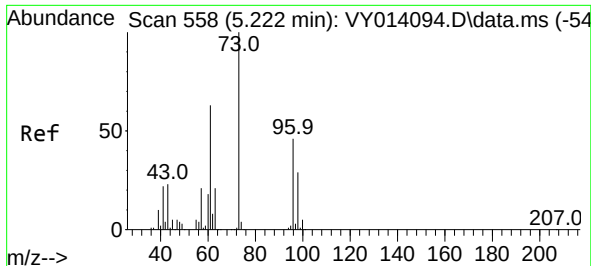
Reviewed By :Krupa Patel 06/26/2023
Supervised By :Mahesh Dadoda 06/26/2023



#20
Methylene Chloride
Concen: 20.985 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY014399.D
Acq: 23 Jun 2023 11:05

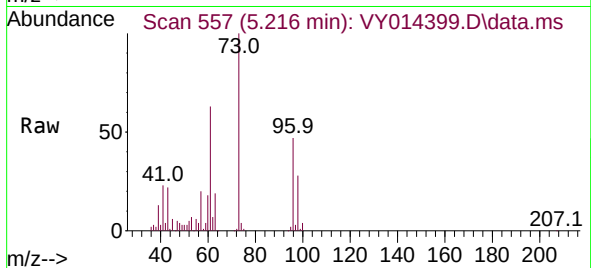
Tgt Ion: 84 Resp: 71507
Ion Ratio Lower Upper
84 100
49 124.0 106.9 160.3
51 38.8 33.2 49.8
86 66.8 51.0 76.6





#21
trans-1,2-Dichloroethene
Concen: 20.244 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY014399.D
Acq: 23 Jun 2023 11:05

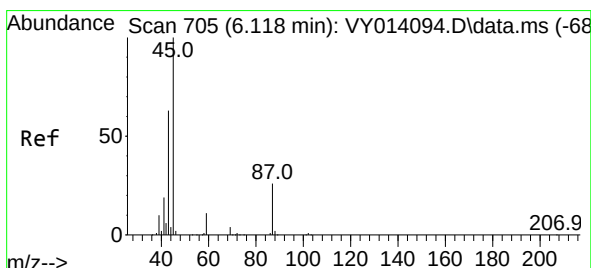
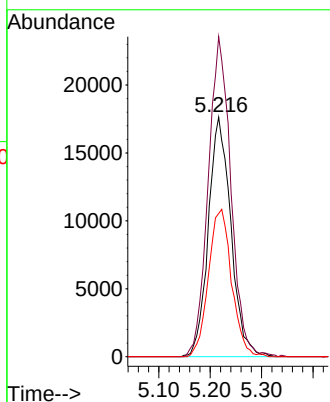
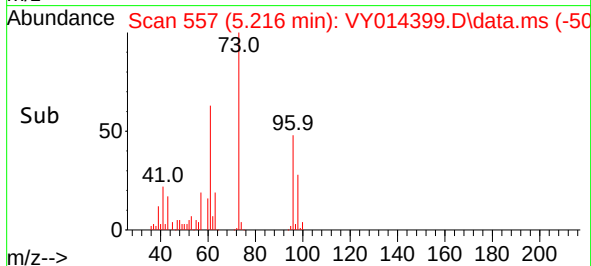
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



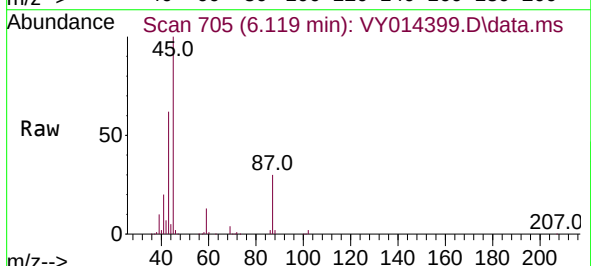
Tgt Ion: 96 Resp: 5368
Ion Ratio Lower Upper
96 100
61 133.6 110.2 165.4
98 59.8 51.8 77.6

Manual Integrations
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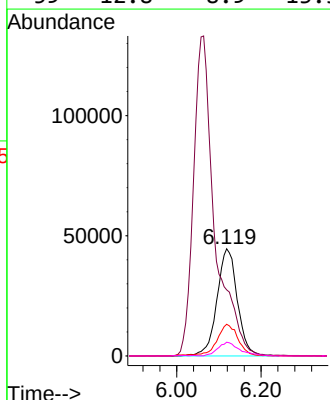
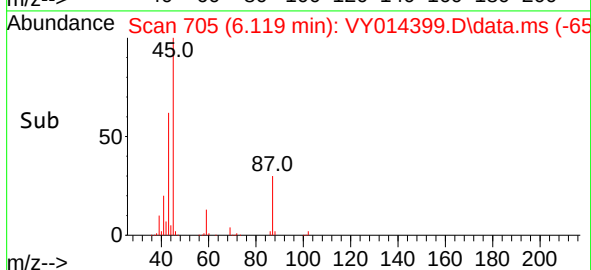
Reviewed By :Krupa Patel 06/26/2023
Supervised By :Mahesh Dadoda 06/26/2023

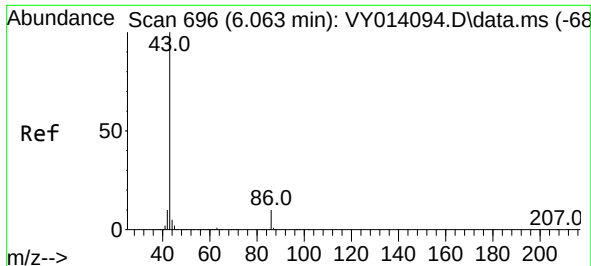


#22
Diisopropyl ether
Concen: 19.506 ug/l
RT: 6.119 min Scan# 705
Delta R.T. 0.001 min
Lab File: VY014399.D
Acq: 23 Jun 2023 11:05



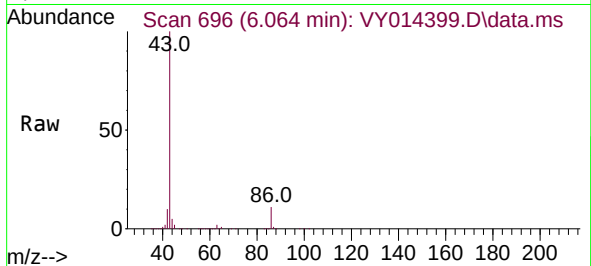
Tgt Ion: 45 Resp: 149302
Ion Ratio Lower Upper
45 100
43 60.9 52.2 78.4
87 29.3 21.0 31.6
59 12.8 8.9 13.3





#23
 Vinyl Acetate
 Concen: 96.421 ug/l m
 RT: 6.064 min Scan# 696
 Delta R.T. 0.001 min
 Lab File: VY014399.D
 Acq: 23 Jun 2023 11:05

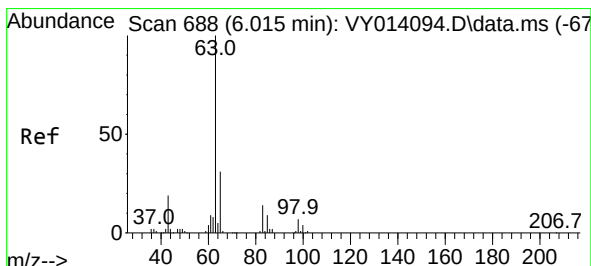
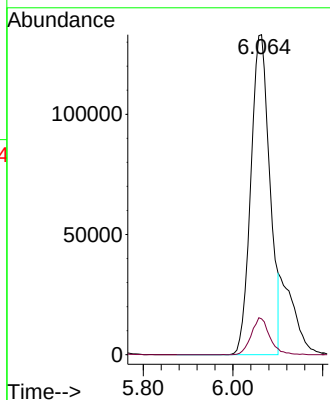
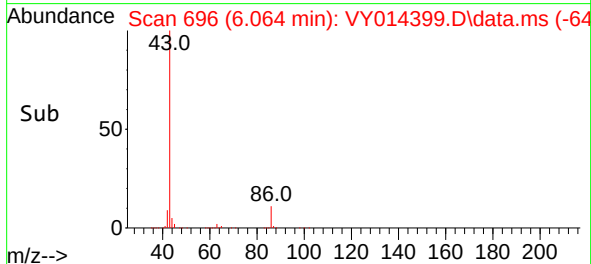
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC020



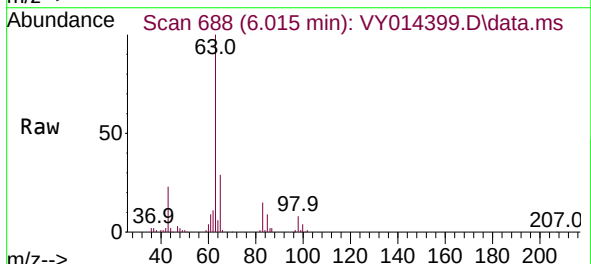
Tgt Ion: 43 Resp: 389758
 Ion Ratio Lower Upper
 43 100
 86 11.2 7.5 11.3

Manual Integrations
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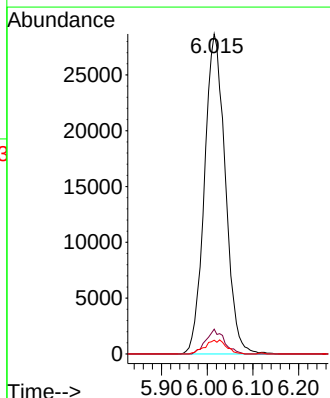
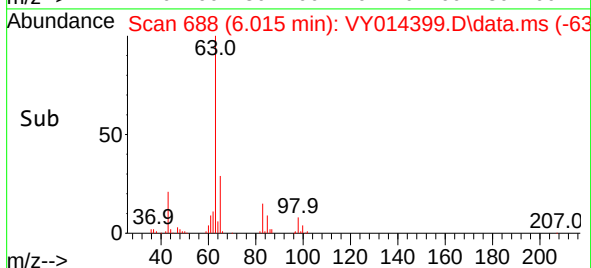
Reviewed By :Krupa Patel 06/26/2023
 Supervised By :Mahesh Dadoda 06/26/2023

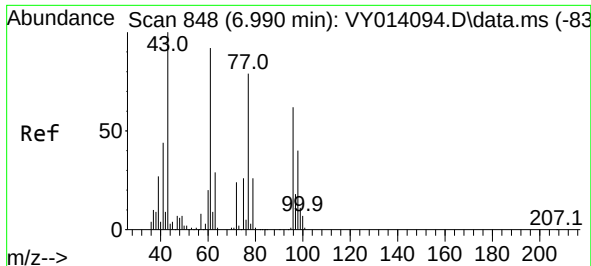


#24
 1,1-Dichloroethane
 Concen: 19.952 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY014399.D
 Acq: 23 Jun 2023 11:05



Tgt Ion: 63 Resp: 90685
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.1 9.4
 100 4.3 1.8 5.5





#25

2-Butanone

Concen: 98.593 ug/l

RT: 6.990 min Scan# 84

Delta R.T. 0.000 min

Lab File: VY014399.D

Acq: 23 Jun 2023 11:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion: 43 Resp: 12559

Ion Ratio Lower Upper

43 100

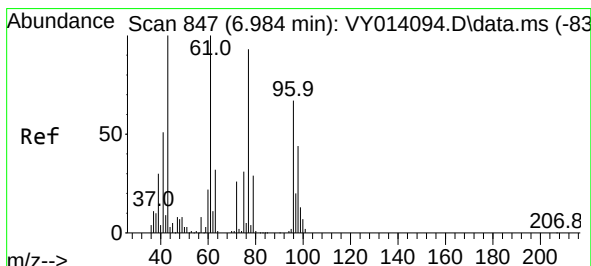
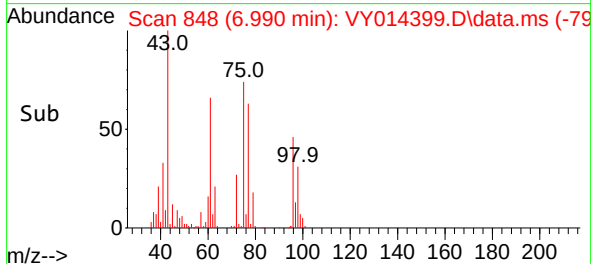
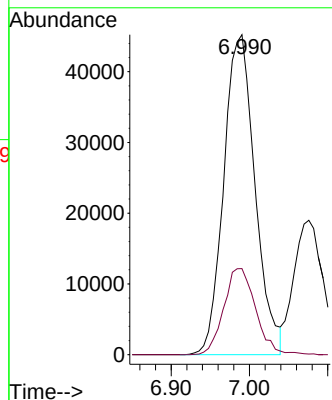
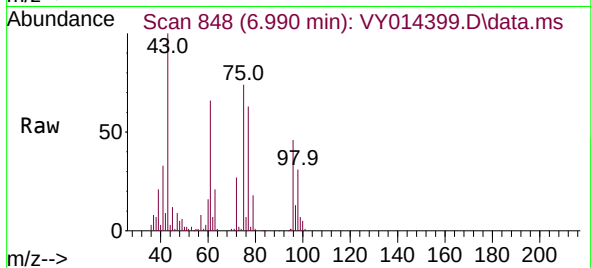
72 26.9 20.5 30.7

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 06/26/2023

Supervised By :Mahesh Dadoda 06/26/2023



#26

2,2-Dichloropropane

Concen: 19.714 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY014399.D

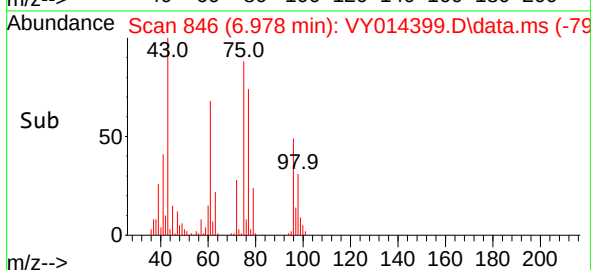
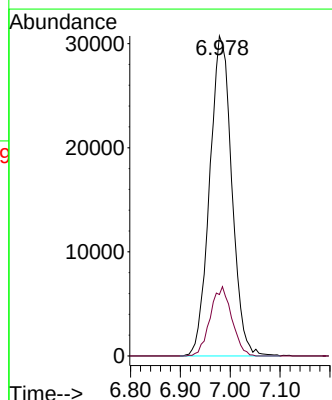
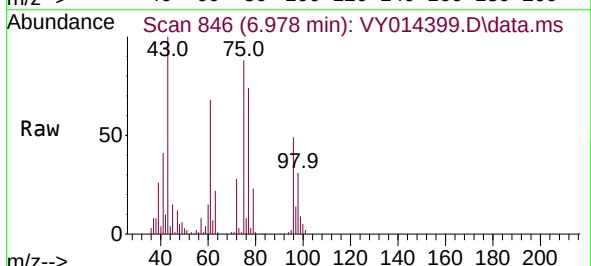
Acq: 23 Jun 2023 11:05

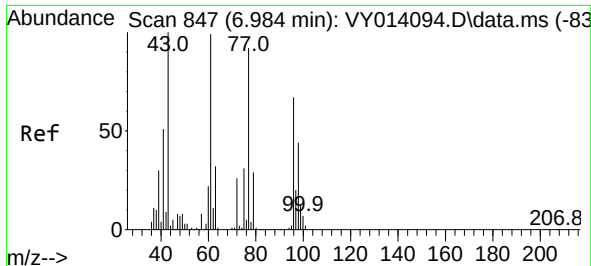
Tgt Ion: 77 Resp: 94744

Ion Ratio Lower Upper

77 100

97 21.1 10.9 32.9





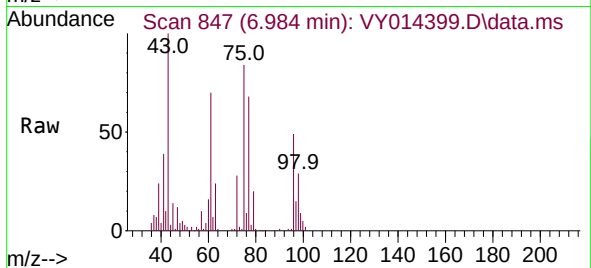
#27
 cis-1,2-Dichloroethene
 Concen: 19.908 ug/l
 RT: 6.984 min Scan# 847
 Delta R.T. 0.000 min
 Lab File: VY014399.D
 Acq: 23 Jun 2023 11:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020



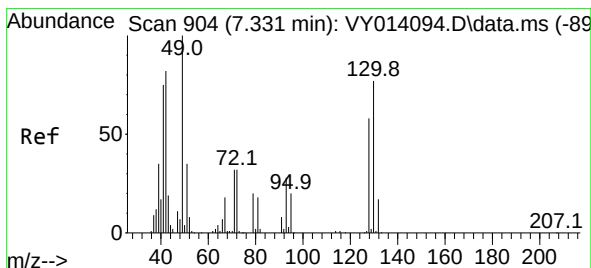
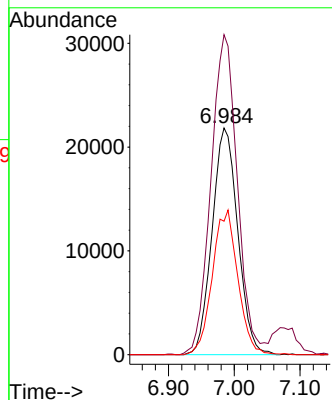
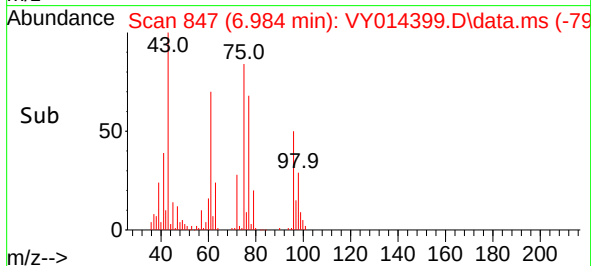
Tgt Ion: 96 Resp: 59420
 Ion Ratio Lower Upper
 96 100
 61 144.1 0.0 301.4
 98 63.4 0.0 130.4

Manual Integrations

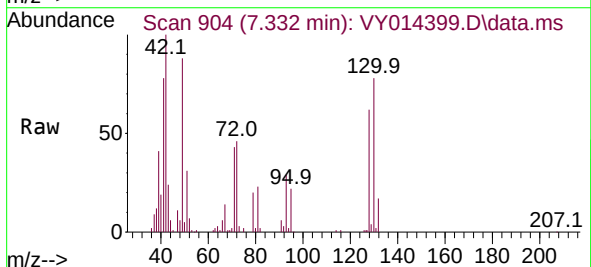
APPROVED

Reviewed By :Krupa Patel 06/26/2023

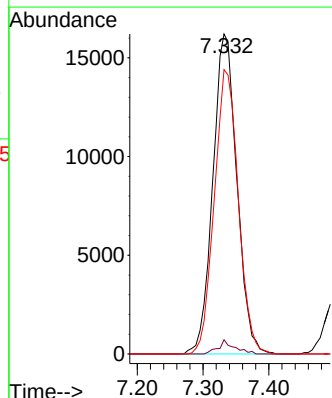
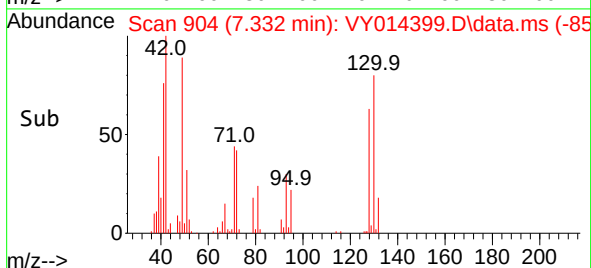
Supervised By :Mahesh Dadoda 06/26/2023

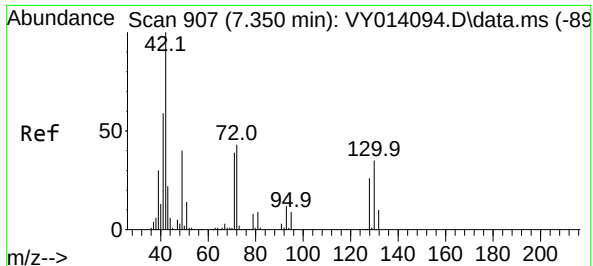


#28
 Bromochloromethane
 Concen: 20.806 ug/l
 RT: 7.332 min Scan# 904
 Delta R.T. 0.001 min
 Lab File: VY014399.D
 Acq: 23 Jun 2023 11:05



Tgt Ion: 49 Resp: 41243
 Ion Ratio Lower Upper
 49 100
 129 3.0 0.0 4.6
 130 88.6 60.7 91.1





#29

Tetrahydrofuran

Concen: 102.342 ug/l

RT: 7.344 min Scan# 907

Delta R.T. -0.006 min

Lab File: VY014399.D

Acq: 23 Jun 2023 11:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

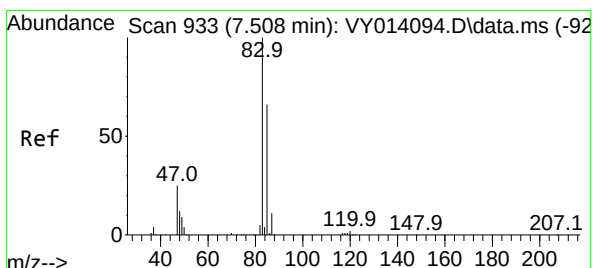
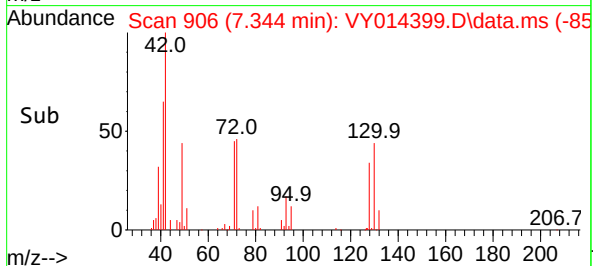
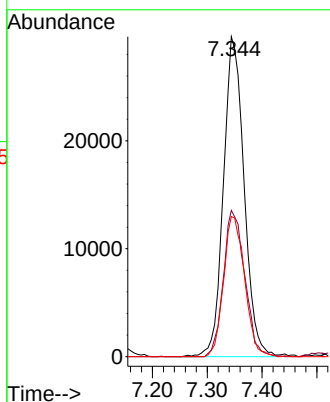
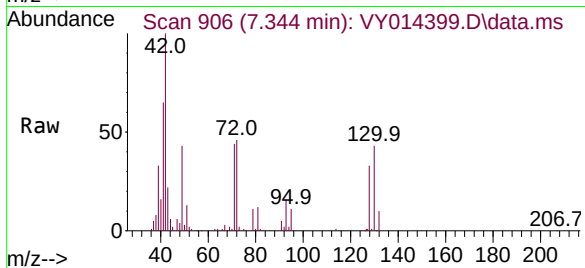
Tgt Ion:	42	Resp:	7773
Ion	Ratio	Lower	Upper
42	100		
72	47.2	32.8	49.2
71	44.8	31.0	46.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 06/26/2023

Supervised By :Mahesh Dadoda 06/26/2023



#30

Chloroform

Concen: 19.609 ug/l

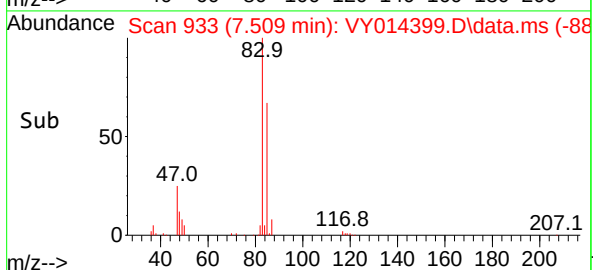
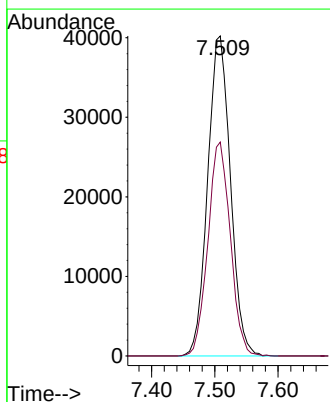
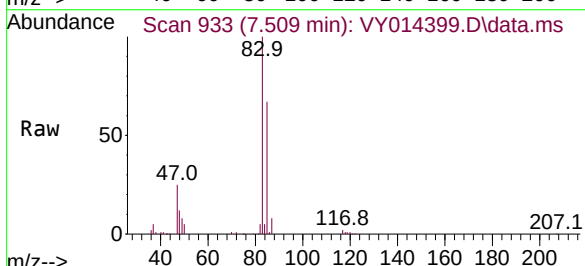
RT: 7.509 min Scan# 933

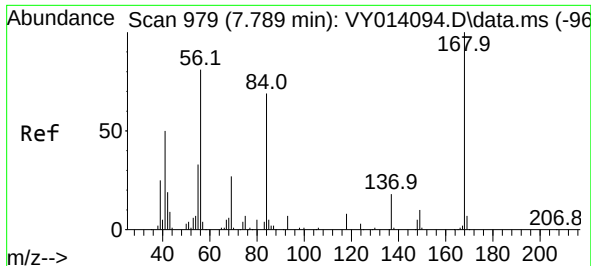
Delta R.T. 0.001 min

Lab File: VY014399.D

Acq: 23 Jun 2023 11:05

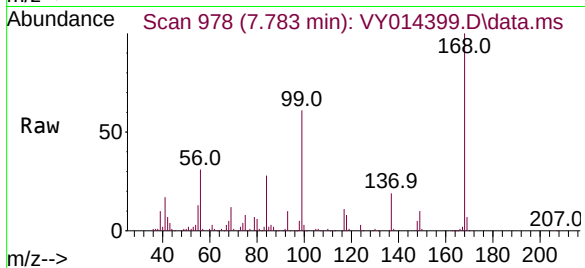
Tgt Ion:	83	Resp:	100542
Ion	Ratio	Lower	Upper
83	100		
85	66.8	49.7	74.5





#31
Cyclohexane
Concen: 19.674 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014399.D
Acq: 23 Jun 2023 11:05

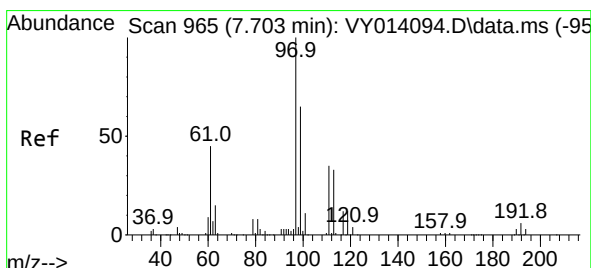
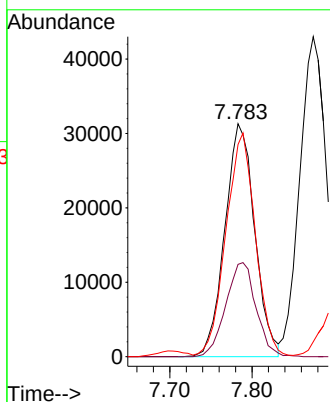
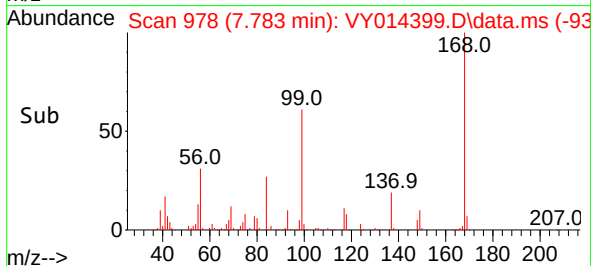
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



Tgt Ion: 56 Resp: 7898
Ion Ratio Lower Upper
56 100
69 39.6 27.8 41.6
84 88.9 66.4 99.6

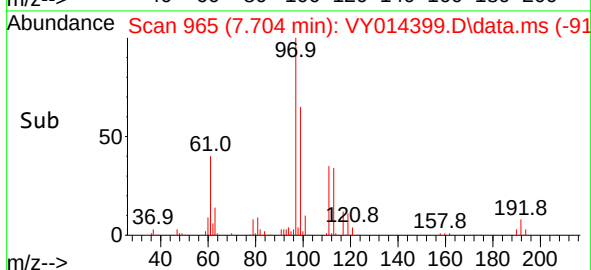
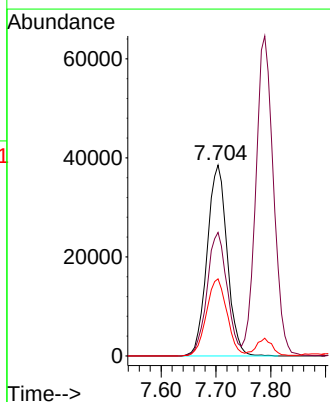
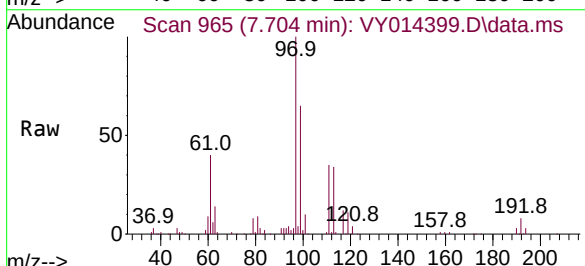
Manual Integrations
APPROVED

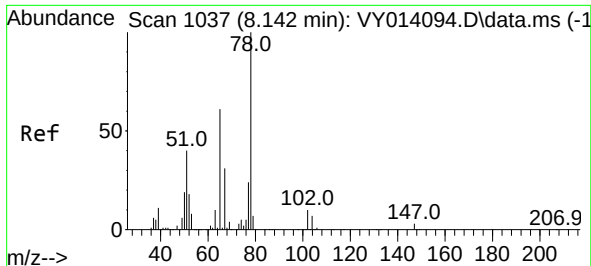
Reviewed By :Krupa Patel 06/26/2023
Supervised By :Mahesh Dadoda 06/26/2023



#32
1,1,1-Trichloroethane
Concen: 19.998 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.001 min
Lab File: VY014399.D
Acq: 23 Jun 2023 11:05

Tgt Ion: 97 Resp: 97599
Ion Ratio Lower Upper
97 100
99 65.2 50.8 76.2
61 41.6 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 19.225 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. 0.001 min

Lab File: VY014399.D

Acq: 23 Jun 2023 11:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion: 65 Resp: 62480

Ion Ratio Lower Upper

65 100

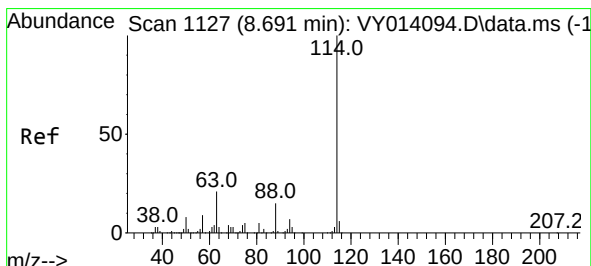
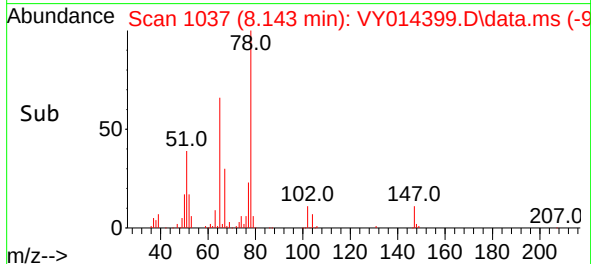
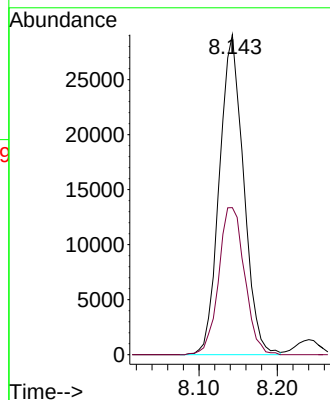
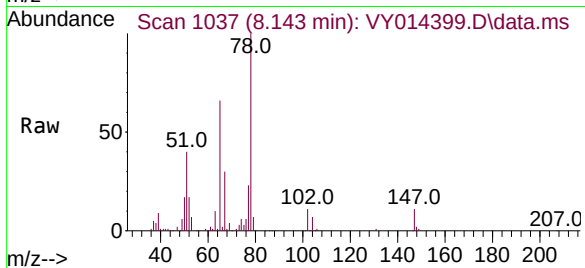
67 49.2 0.0 101.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 06/26/2023

Supervised By :Mahesh Dadoda 06/26/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY014399.D

Acq: 23 Jun 2023 11:05

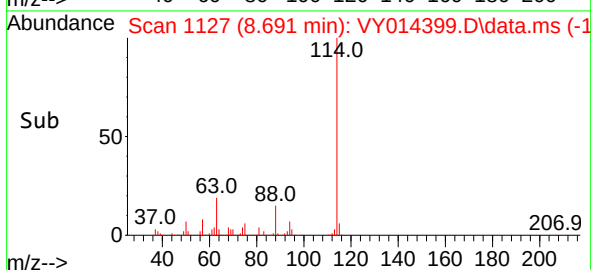
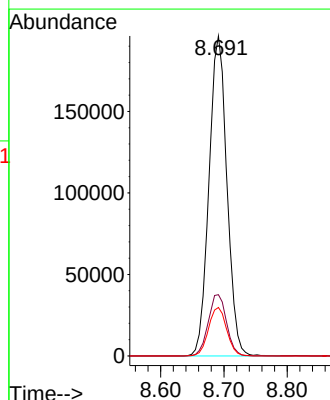
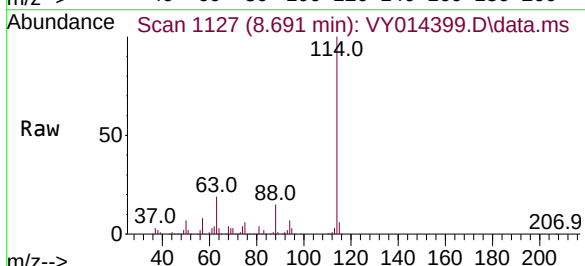
Tgt Ion:114 Resp: 386723

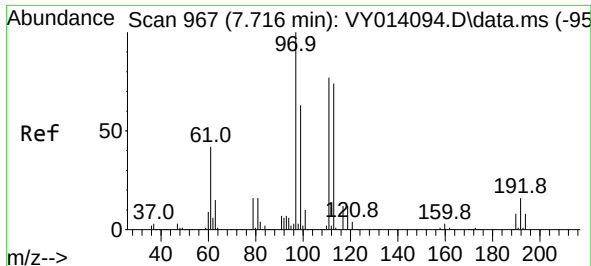
Ion Ratio Lower Upper

114 100

63 19.1 0.0 42.4

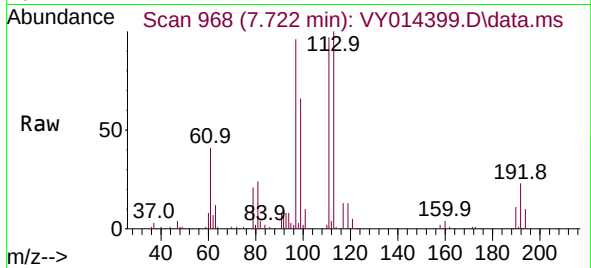
88 15.1 0.0 30.6





#35
Dibromofluoromethane
Concen: 19.896 ug/l
RT: 7.722 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY014399.D
Acq: 23 Jun 2023 11:05

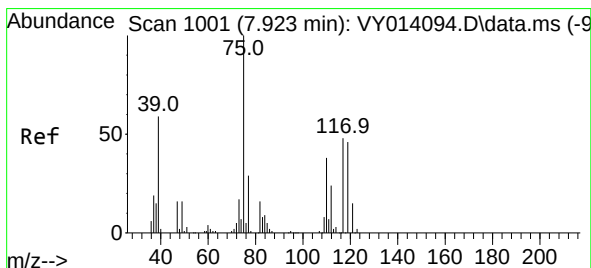
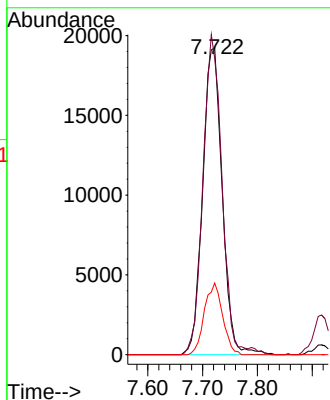
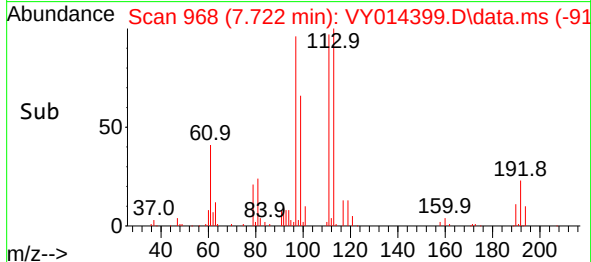
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



Tgt Ion: 113 Resp: 4753
Ion Ratio Lower Upper
113 100
111 101.9 81.3 121.9
192 21.8 16.9 25.3

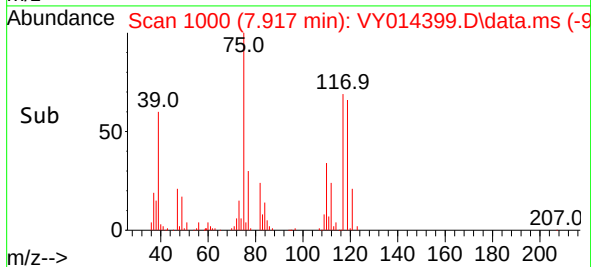
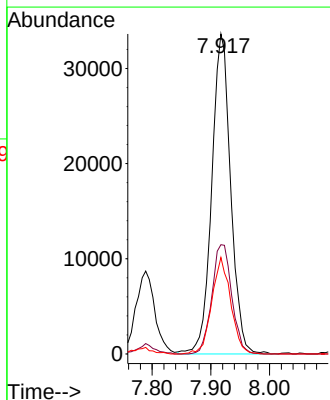
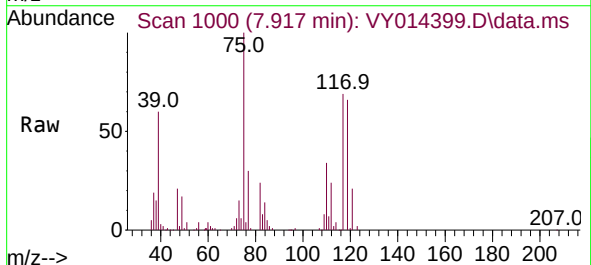
Manual Integrations
APPROVED

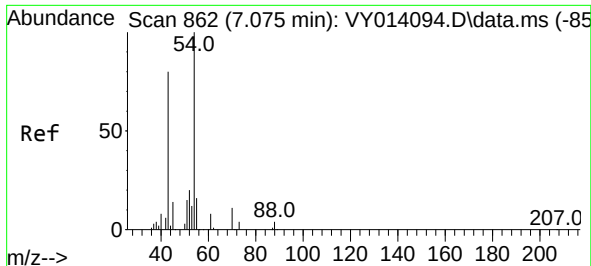
Reviewed By :Krupa Patel 06/26/2023
Supervised By :Mahesh Dadoda 06/26/2023



#36
1,1-Dichloropropene
Concen: 20.468 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.006 min
Lab File: VY014399.D
Acq: 23 Jun 2023 11:05

Tgt Ion: 75 Resp: 75360
Ion Ratio Lower Upper
75 100
110 35.9 17.8 53.5
77 30.2 24.4 36.6





#37

Ethyl Acetate

Concen: 20.227 ug/l

RT: 7.076 min Scan# 80

Delta R.T. 0.001 min

Lab File: VY014399.D

Acq: 23 Jun 2023 11:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion: 43 Resp: 51324

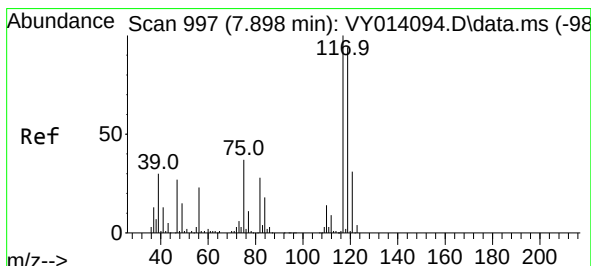
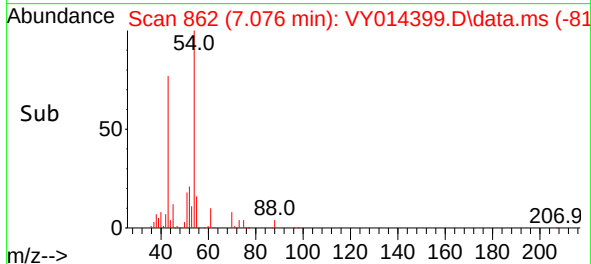
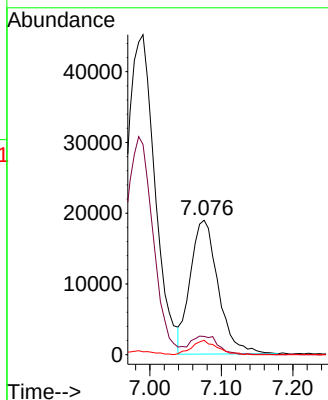
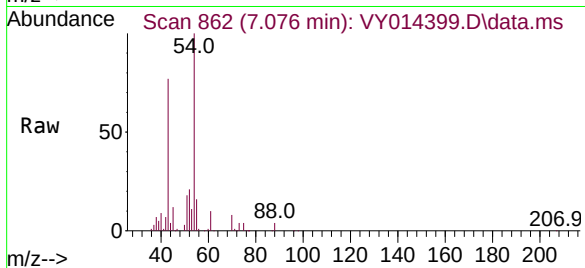
Ion	Ratio	Lower	Upper
43	100		
61	12.2	10.1	15.1
70	9.6	7.1	10.7

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 06/26/2023

Supervised By :Mahesh Dadoda 06/26/2023



#38

Carbon Tetrachloride

Concen: 19.956 ug/l

RT: 7.899 min Scan# 997

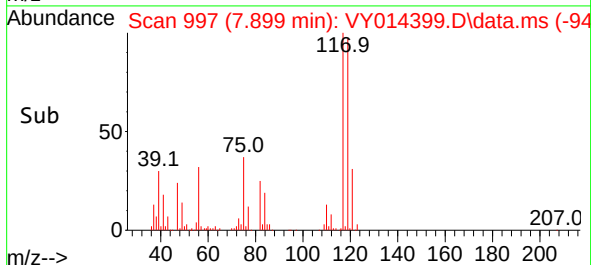
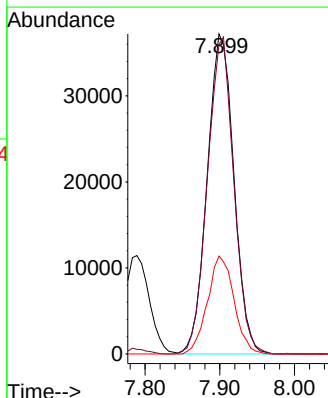
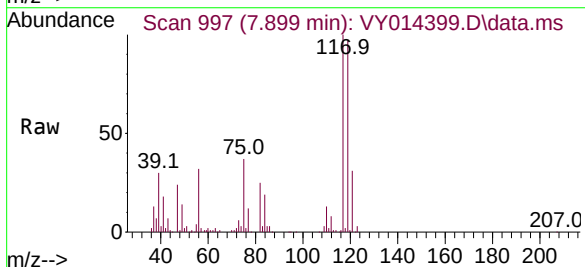
Delta R.T. 0.001 min

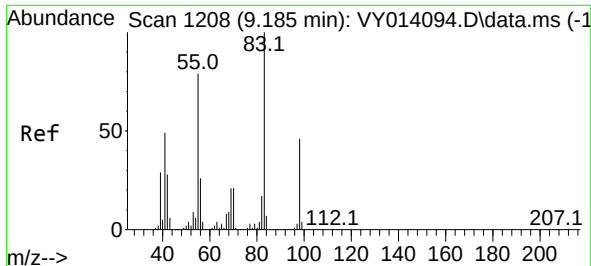
Lab File: VY014399.D

Acq: 23 Jun 2023 11:05

Tgt Ion:117 Resp: 92462

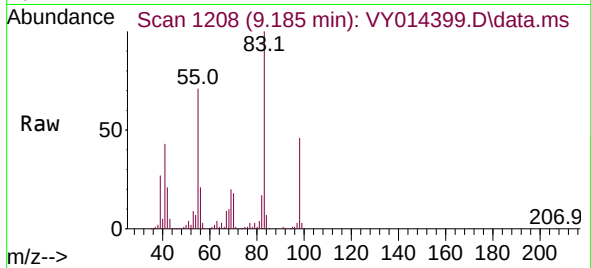
Ion	Ratio	Lower	Upper
117	100		
119	96.7	76.4	114.6
121	30.6	25.8	38.6





#39
Methylcyclohexane
Concen: 20.627 ug/l
RT: 9.185 min Scan# 1208
Delta R.T. 0.000 min
Lab File: VY014399.D
Acq: 23 Jun 2023 11:05

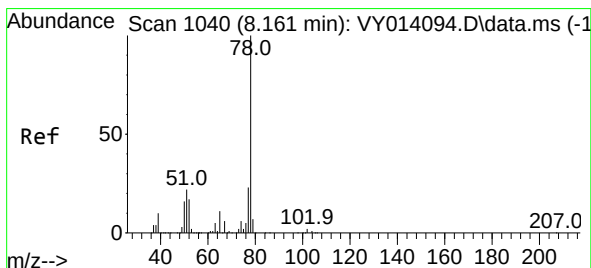
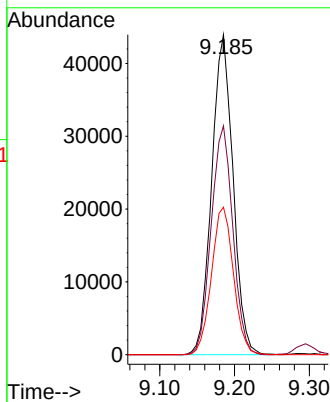
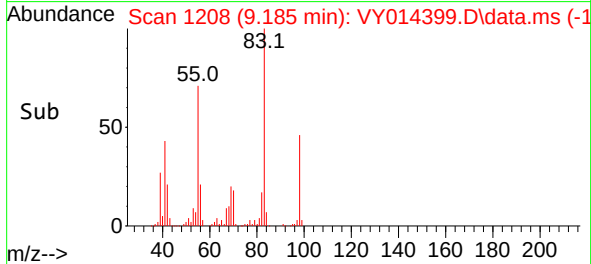
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



Tgt Ion: 83 Resp: 87375
Ion Ratio Lower Upper
83 100
55 71.5 63.0 94.4
98 46.1 37.4 56.2

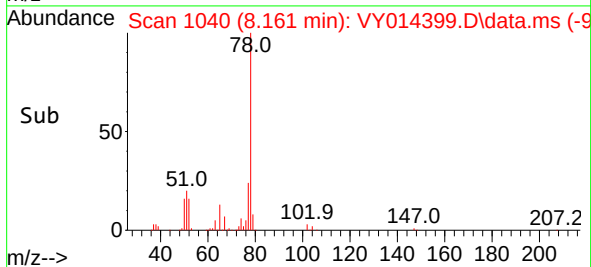
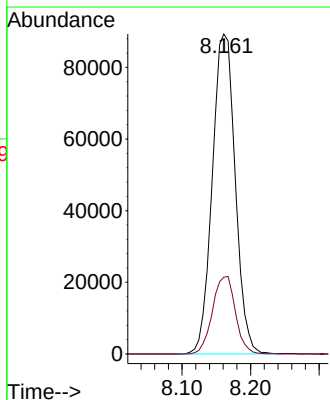
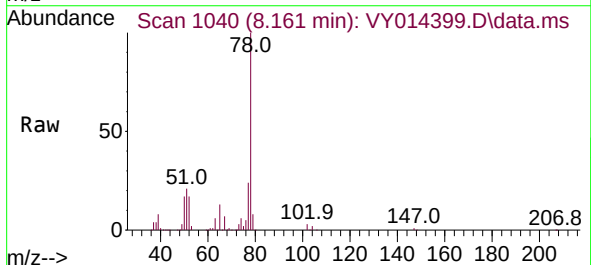
Manual Integrations
APPROVED

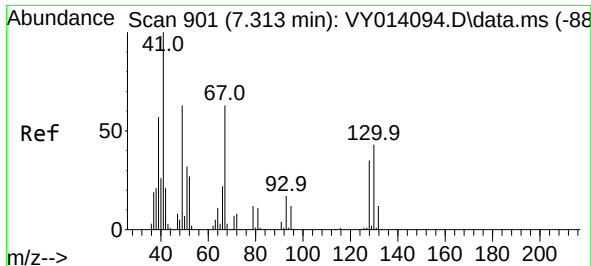
Reviewed By :Krupa Patel 06/26/2023
Supervised By :Mahesh Dadoda 06/26/2023



#40
Benzene
Concen: 19.902 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY014399.D
Acq: 23 Jun 2023 11:05

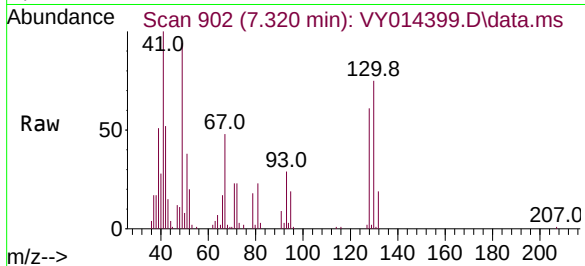
Tgt Ion: 78 Resp: 207539
Ion Ratio Lower Upper
78 100
77 24.0 19.0 28.6





#41
Methacrylonitrile
Concen: 19.769 ug/l m
RT: 7.320 min Scan# 901
Delta R.T. 0.007 min
Lab File: VY014399.D
Acq: 23 Jun 2023 11:05

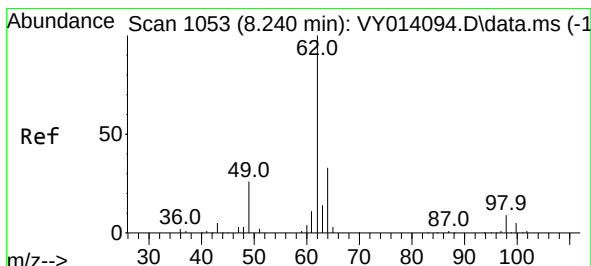
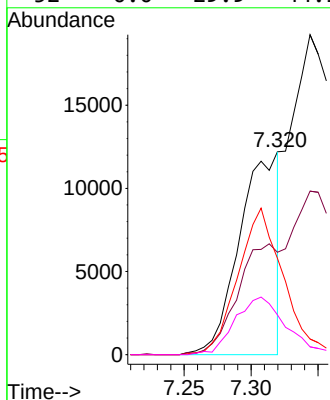
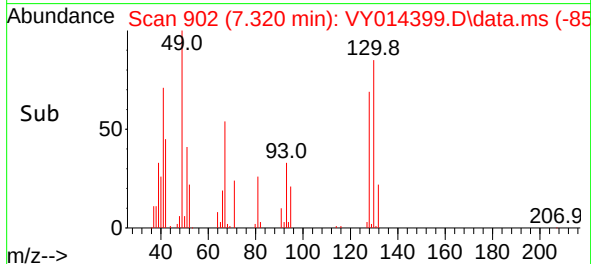
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



Tgt Ion: 41 Resp: 2502
Ion Ratio Lower Upper
41 100
39 160.1 52.1 78.1
67 0.0 66.2 99.2
52 0.0 29.9 44.9

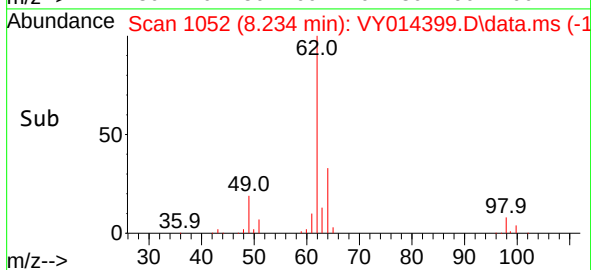
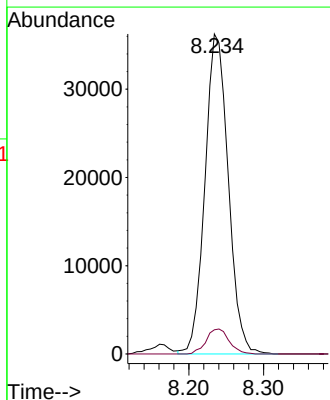
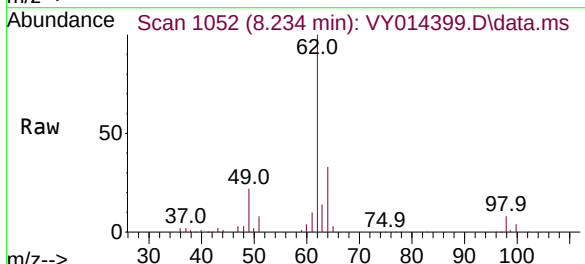
Manual Integrations
APPROVED

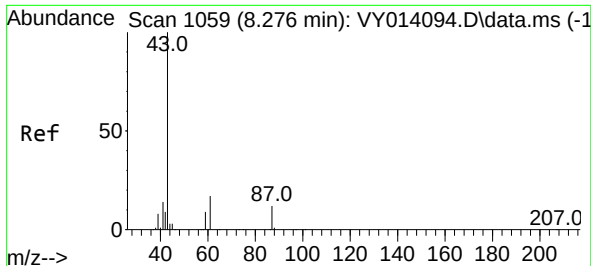
Reviewed By :Krupa Patel 06/26/2023
Supervised By :Mahesh Dadoda 06/26/2023



#42
1,2-Dichloroethane
Concen: 19.858 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.006 min
Lab File: VY014399.D
Acq: 23 Jun 2023 11:05

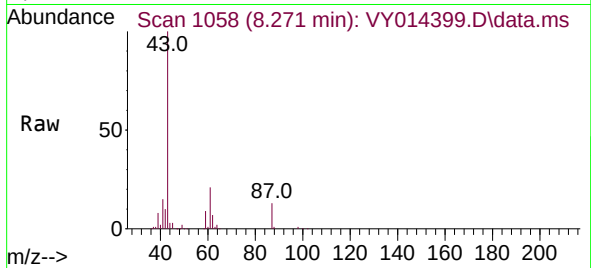
Tgt Ion: 62 Resp: 78513
Ion Ratio Lower Upper
62 100
98 7.7 0.0 15.8





#43
Isopropyl Acetate
Concen: 19.938 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. -0.005 min
Lab File: VY014399.D
Acq: 23 Jun 2023 11:05

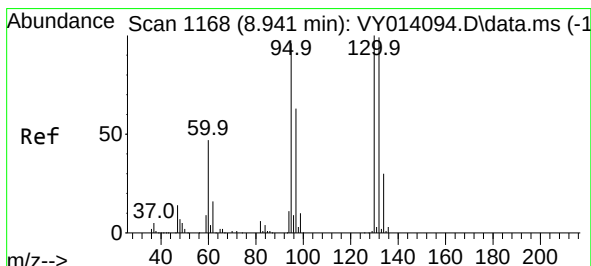
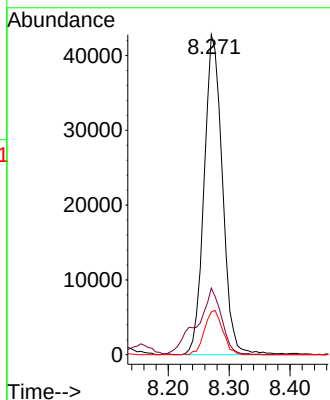
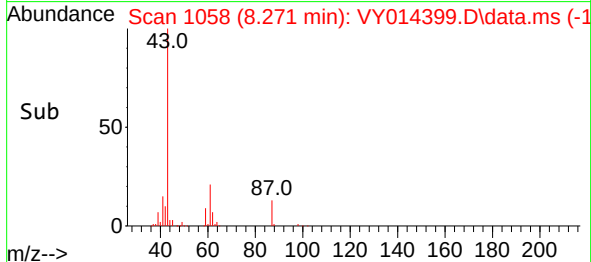
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



Tgt Ion: 43 Resp: 8933
Ion Ratio Lower Upper
43 100
61 28.0 21.1 31.7
87 13.8 9.8 14.8

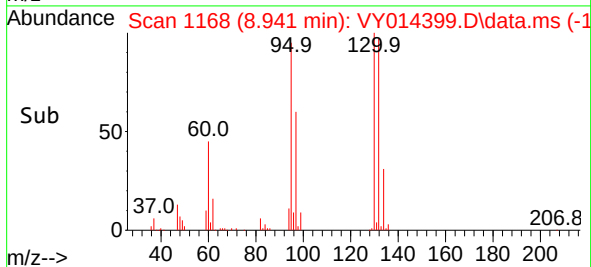
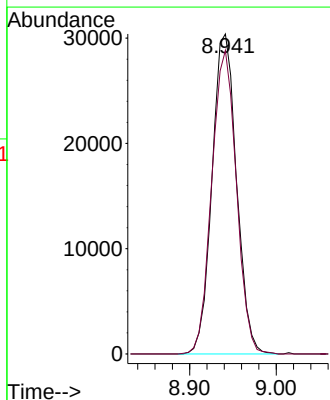
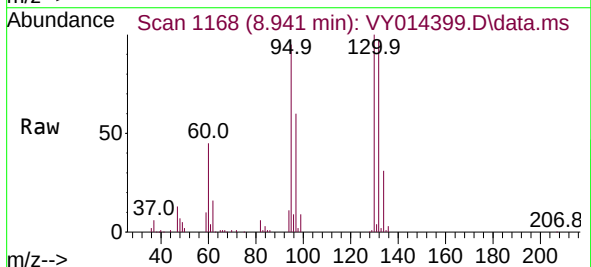
Manual Integrations
APPROVED

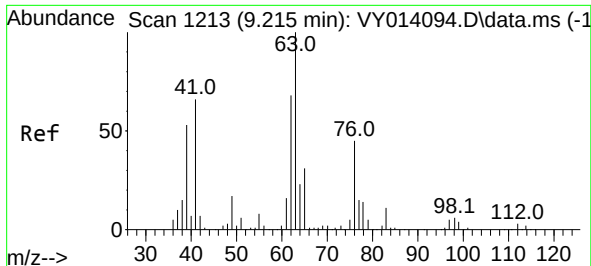
Reviewed By :Krupa Patel 06/26/2023
Supervised By :Mahesh Dadoda 06/26/2023



#44
Trichloroethene
Concen: 19.934 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VY014399.D
Acq: 23 Jun 2023 11:05

Tgt Ion:130 Resp: 59683
Ion Ratio Lower Upper
130 100
95 94.9 0.0 196.0





#45

1,2-Dichloropropane

Concen: 19.930 ug/l

RT: 9.216 min Scan# 11

Delta R.T. 0.001 min

Lab File: VY014399.D

Acq: 23 Jun 2023 11:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion: 63 Resp: 4900

Ion Ratio Lower Upper

63 100

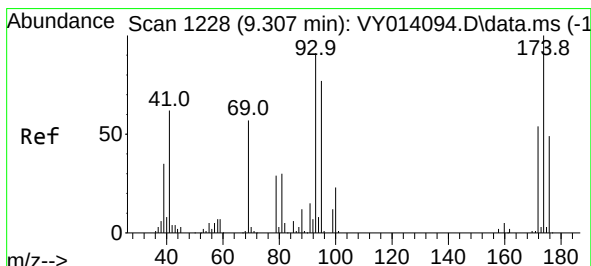
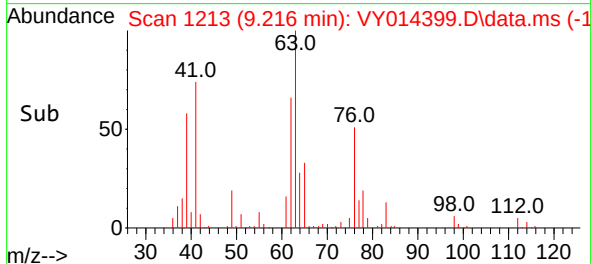
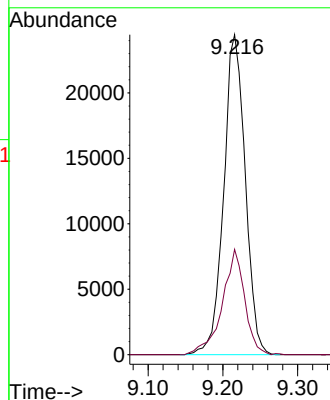
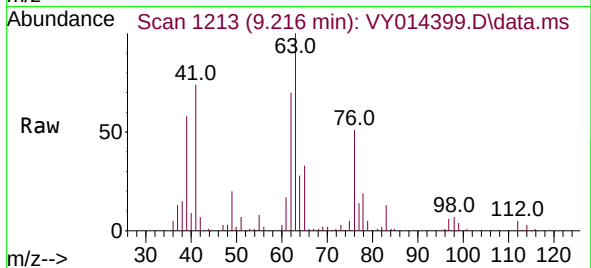
65 32.9 23.8 35.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 06/26/2023

Supervised By :Mahesh Dadoda 06/26/2023



#46

Dibromomethane

Concen: 20.345 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VY014399.D

Acq: 23 Jun 2023 11:05

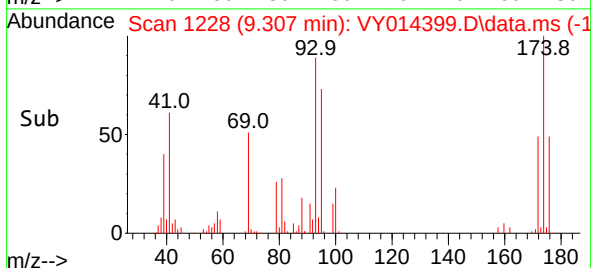
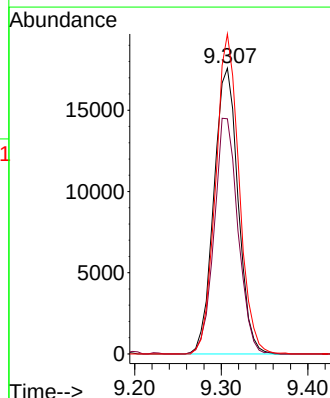
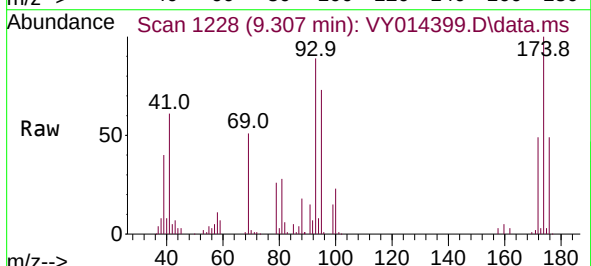
Tgt Ion: 93 Resp: 34185

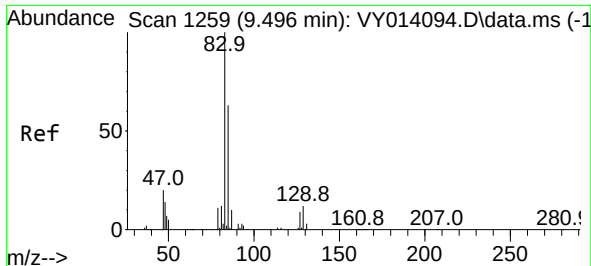
Ion Ratio Lower Upper

93 100

95 81.0 66.6 100.0

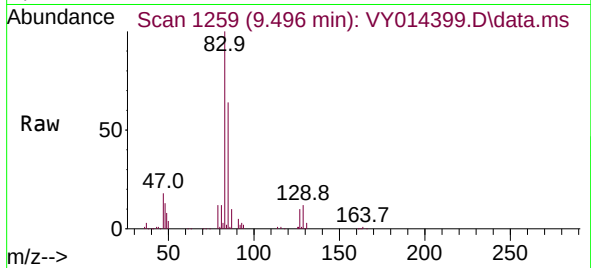
174 108.5 84.8 127.2





#47
Bromodichloromethane
Concen: 19.747 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY014399.D
Acq: 23 Jun 2023 11:05

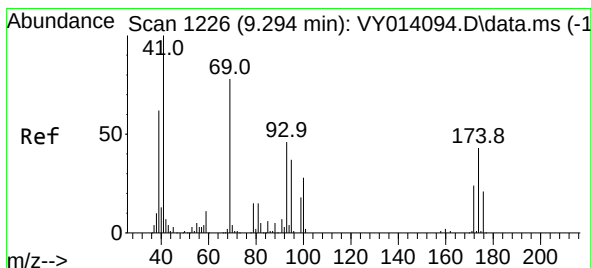
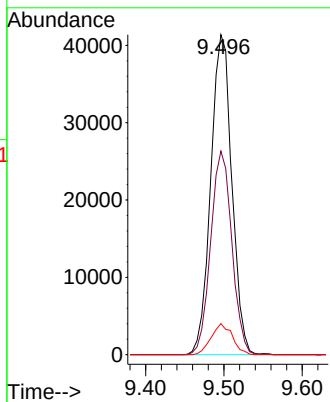
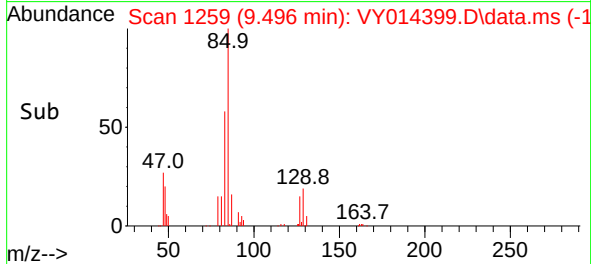
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



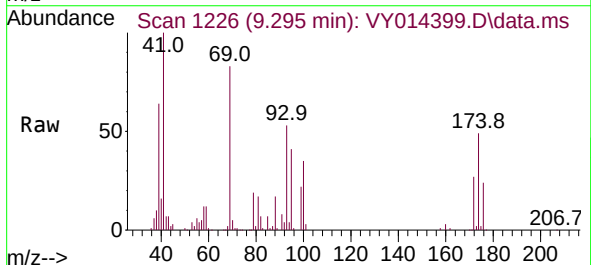
Tgt Ion: 83 Resp: 77330
Ion Ratio Lower Upper
83 100
85 63.6 50.1 75.1
127 9.7 7.1 10.7

Manual Integrations
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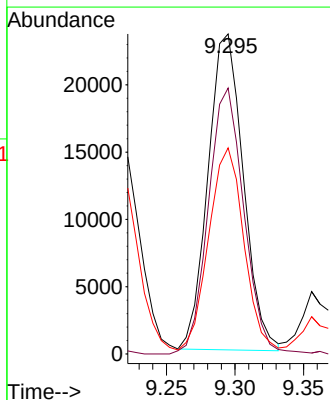
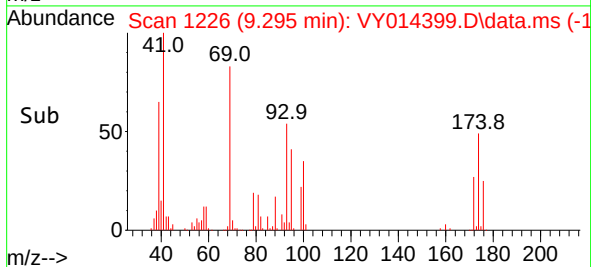
Reviewed By :Krupa Patel 06/26/2023
Supervised By :Mahesh Dadoda 06/26/2023

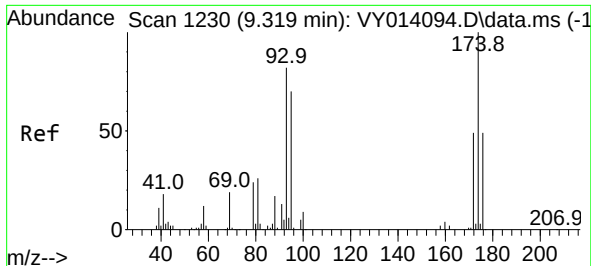


#48
Methyl methacrylate
Concen: 20.229 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.001 min
Lab File: VY014399.D
Acq: 23 Jun 2023 11:05



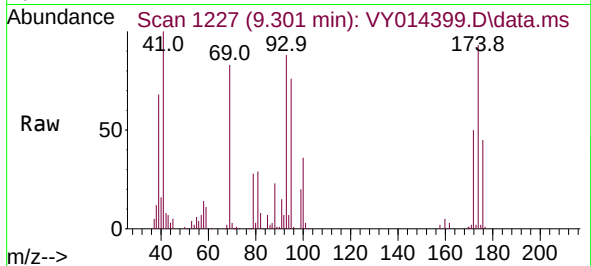
Tgt Ion: 41 Resp: 42096
Ion Ratio Lower Upper
41 100
69 84.8 64.5 96.7
39 66.0 50.8 76.2





#49
1,4-Dioxane
Concen: 412.407 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. -0.018 min
Lab File: VY014399.D
Acq: 23 Jun 2023 11:05

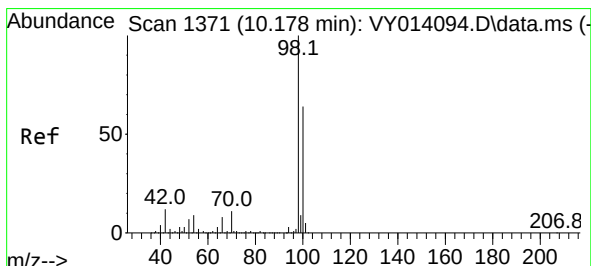
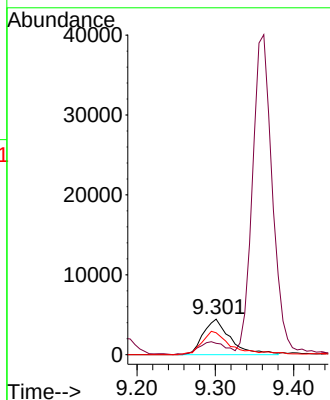
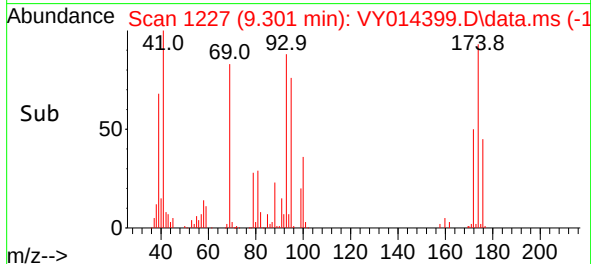
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



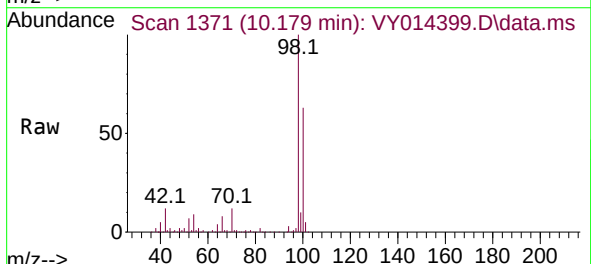
Tgt Ion: 88 Resp: 10835
Ion Ratio Lower Upper
88 100
43 36.1 0.0 0.0
58 71.2 30.9 46.3

Manual Integrations
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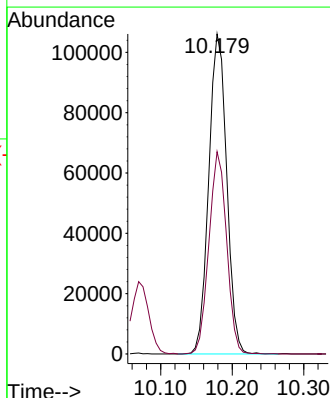
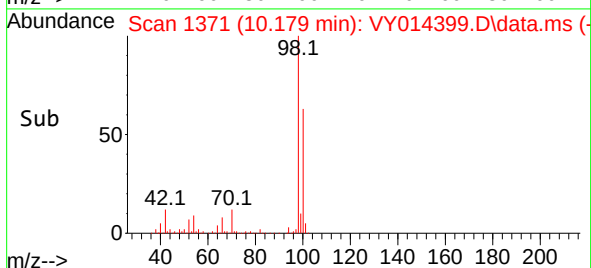
Reviewed By :Krupa Patel 06/26/2023
Supervised By :Mahesh Dadoda 06/26/2023

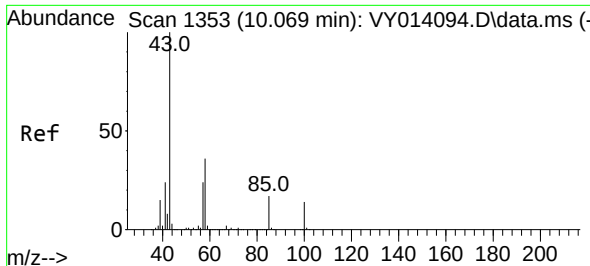


#50
Toluene-d8
Concen: 19.467 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.001 min
Lab File: VY014399.D
Acq: 23 Jun 2023 11:05



Tgt Ion: 98 Resp: 184892
Ion Ratio Lower Upper
98 100
100 62.2 50.1 75.1





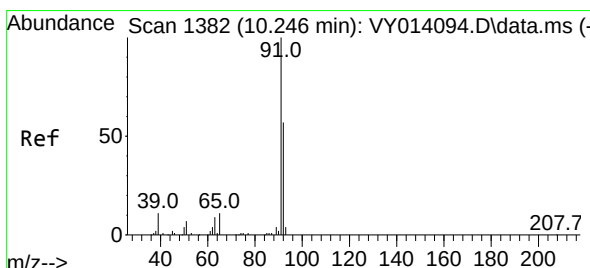
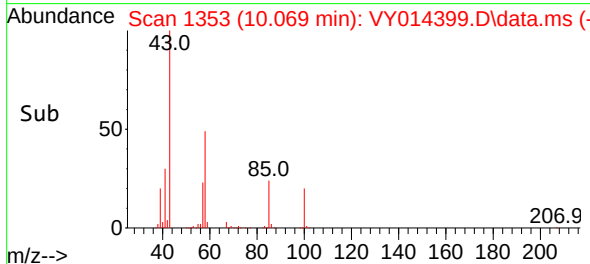
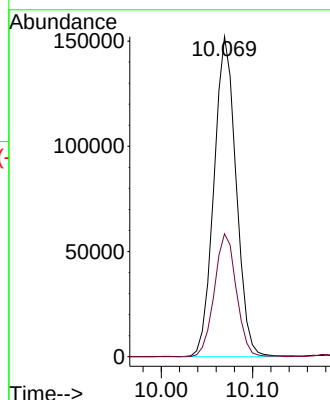
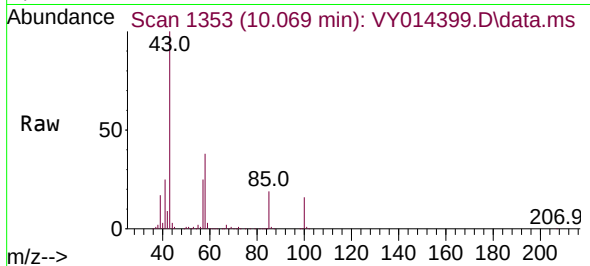
#51
4-Methyl-2-Pentanone
Concen: 101.283 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY014399.D
Acq: 23 Jun 2023 11:05

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 256118
Ion Ratio Lower Upper
43 100
58 38.2 29.0 43.6

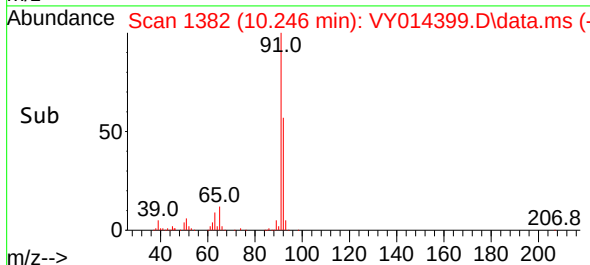
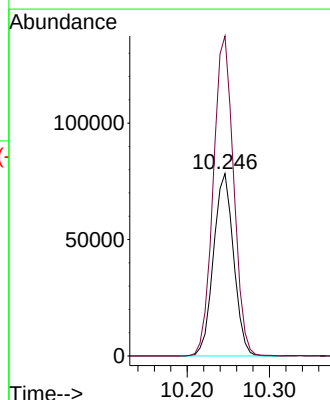
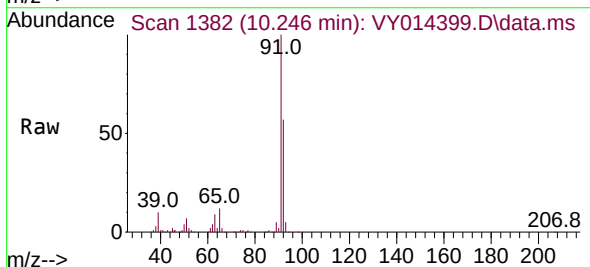
Manual Integrations
APPROVED

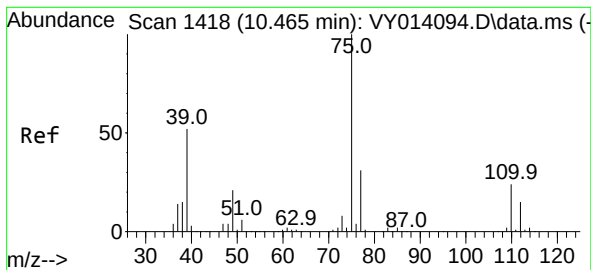
Reviewed By :Krupa Patel 06/26/2023
Supervised By :Mahesh Dadoda 06/26/2023



#52
Toluene
Concen: 19.846 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY014399.D
Acq: 23 Jun 2023 11:05

Tgt Ion: 92 Resp: 133163
Ion Ratio Lower Upper
92 100
91 177.6 143.8 215.6





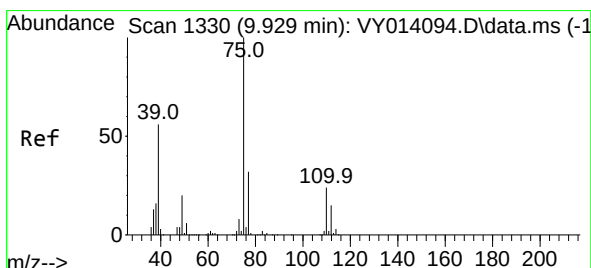
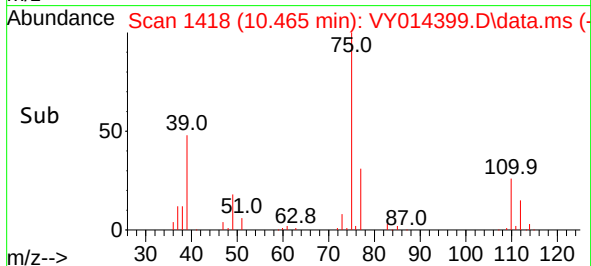
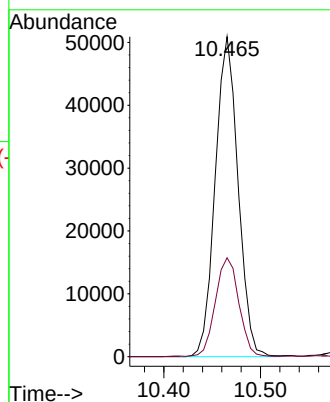
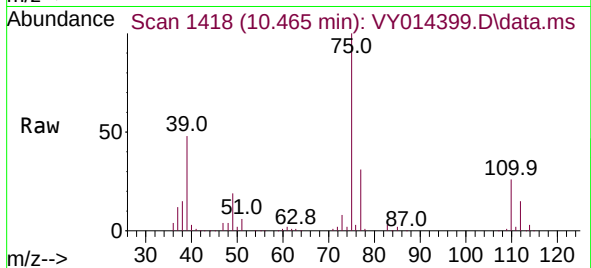
#53
 t-1,3-Dichloropropene
 Concen: 19.657 ug/l
 RT: 10.465 min Scan# 1418
 Delta R.T. 0.000 min
 Lab File: VY014399.D
 Acq: 23 Jun 2023 11:05

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

Tgt Ion: 75 Resp: 8346
 Ion Ratio Lower Upper
 75 100
 77 30.8 25.0 37.4

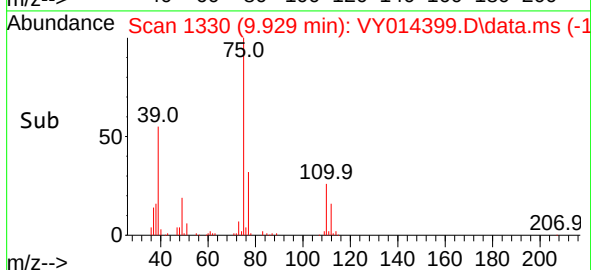
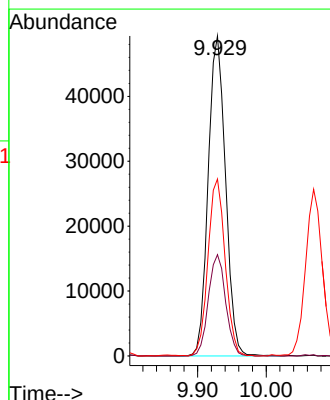
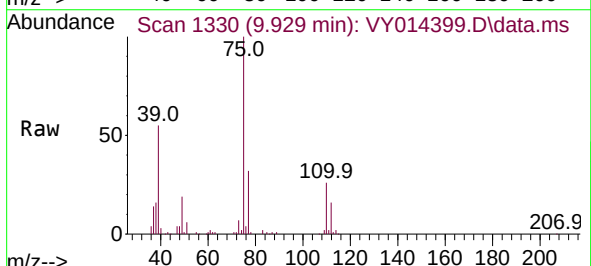
Manual Integrations
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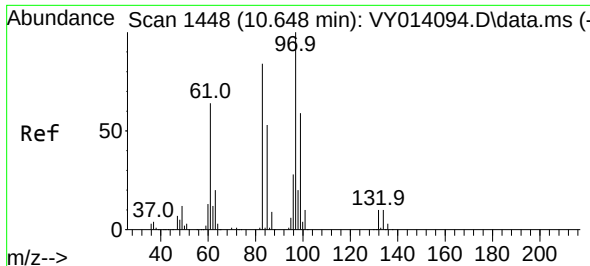
Reviewed By :Krupa Patel 06/26/2023
 Supervised By :Mahesh Dadoda 06/26/2023



#54
 cis-1,3-Dichloropropene
 Concen: 19.775 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. -0.000 min
 Lab File: VY014399.D
 Acq: 23 Jun 2023 11:05

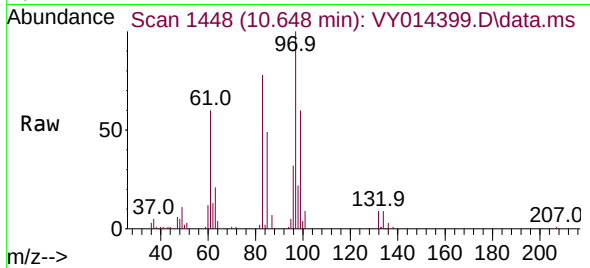
Tgt Ion: 75 Resp: 86604
 Ion Ratio Lower Upper
 75 100
 77 31.6 24.2 36.4
 39 55.2 42.2 63.4





#55
1,1,2-Trichloroethane
Concen: 20.199 ug/l
RT: 10.648 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VY014399.D
Acq: 23 Jun 2023 11:05

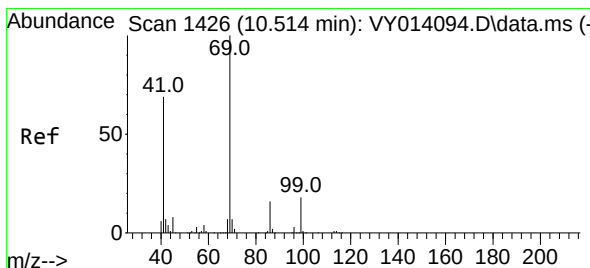
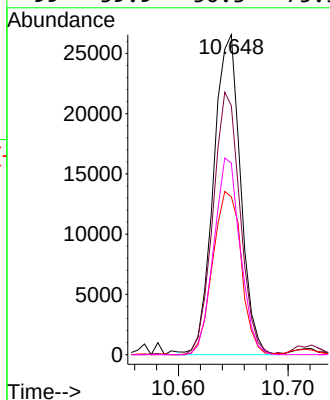
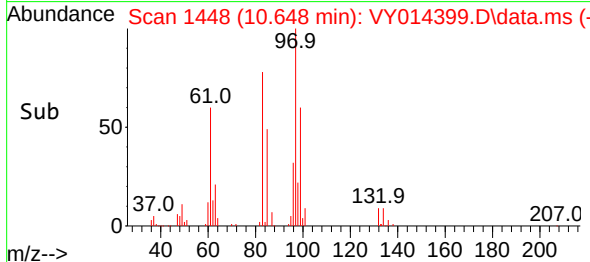
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



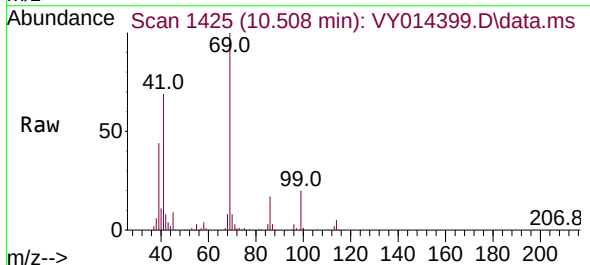
Tgt Ion:	97	Resp:	4544
Ion	Ratio	Lower	Upper
97	100		
83	77.9	72.0	108.0
85	49.4	45.4	68.0
99	59.9	50.3	75.5

Manual Integrations
APPROVED

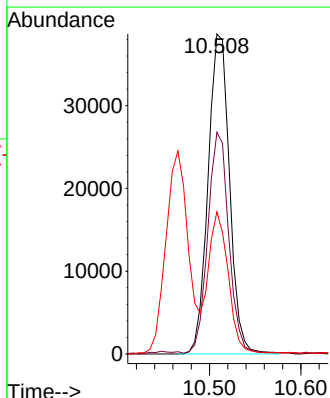
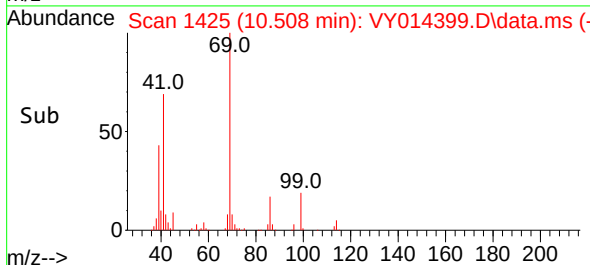
Reviewed By :Krupa Patel 06/26/2023
Supervised By :Mahesh Dadoda 06/26/2023

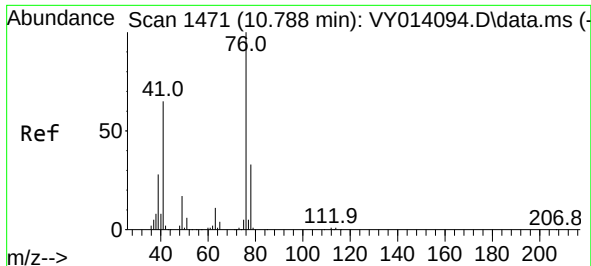


#56
Ethyl methacrylate
Concen: 19.613 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.006 min
Lab File: VY014399.D
Acq: 23 Jun 2023 11:05



Tgt Ion:	69	Resp:	63022
Ion	Ratio	Lower	Upper
69	100		
41	67.2	57.6	86.4
39	40.3	34.1	51.1





#57

1,3-Dichloropropane

Concen: 20.064 ug/l

RT: 10.789 min Scan# 1471

Delta R.T. 0.001 min

Lab File: VY014399.D

Acq: 23 Jun 2023 11:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion: 76 Resp: 7593

Ion Ratio Lower Upper

76 100

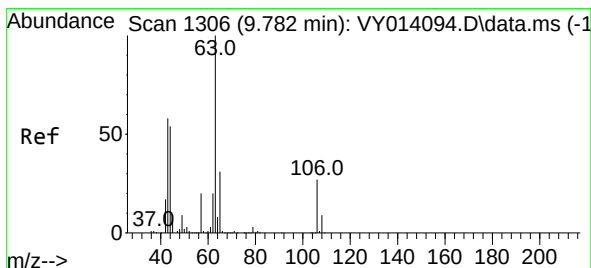
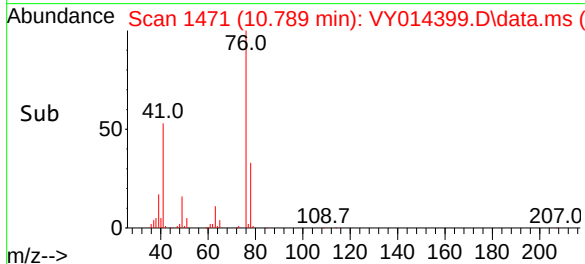
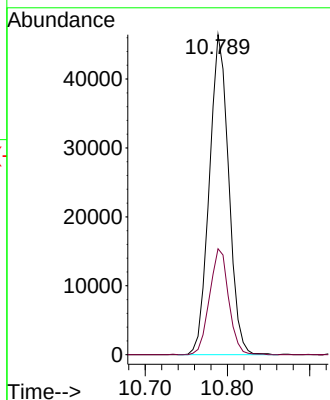
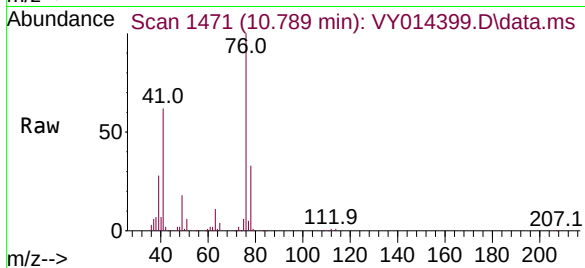
78 32.6 25.3 37.9

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 06/26/2023

Supervised By :Mahesh Dadoda 06/26/2023



#58

2-Chloroethyl Vinyl ether

Concen: 105.248 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. 0.001 min

Lab File: VY014399.D

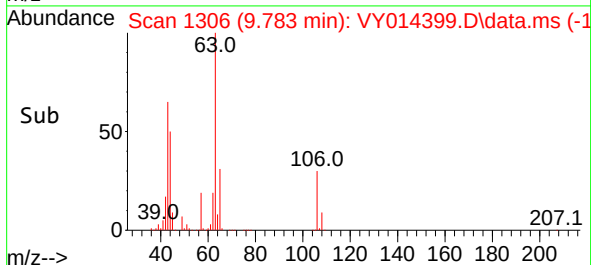
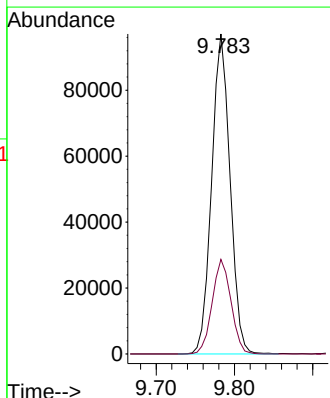
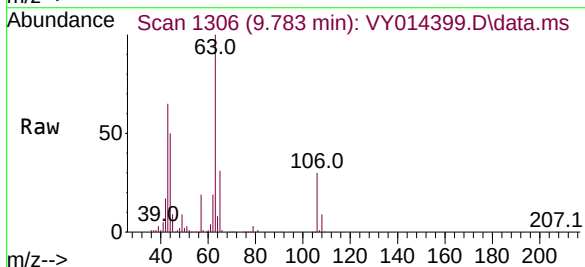
Acq: 23 Jun 2023 11:05

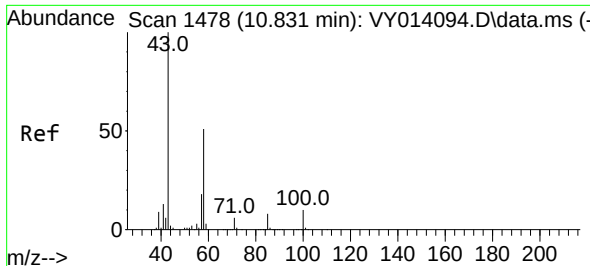
Tgt Ion: 63 Resp: 158416

Ion Ratio Lower Upper

63 100

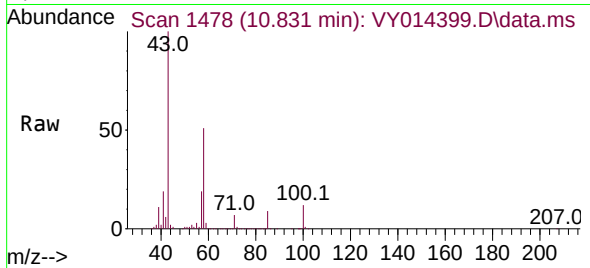
106 30.2 21.2 31.8





#59
2-Hexanone
Concen: 101.913 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY014399.D
Acq: 23 Jun 2023 11:05

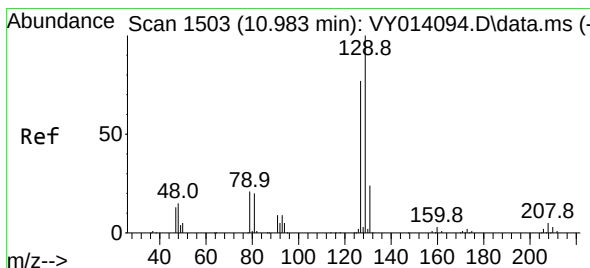
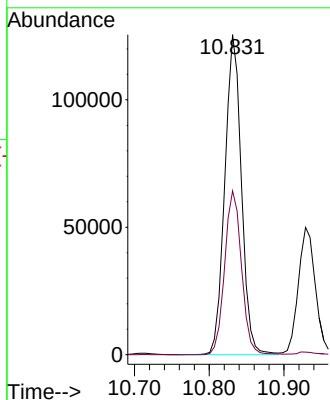
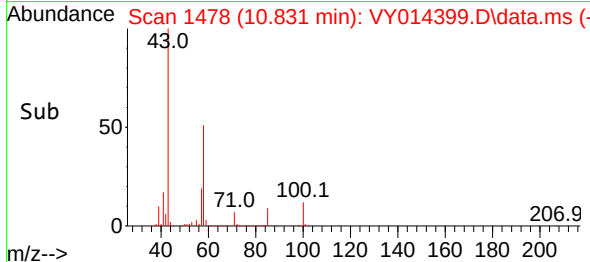
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



Tgt Ion: 43 Resp: 194192
Ion Ratio Lower Upper
43 100
58 51.9 25.1 75.3

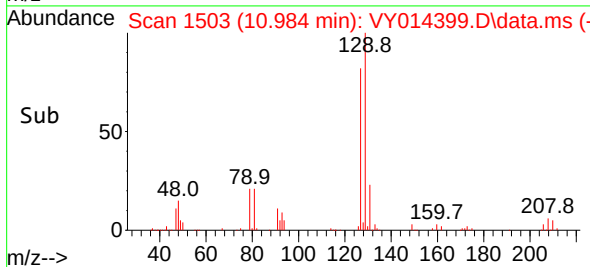
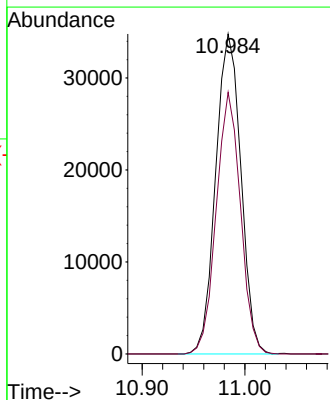
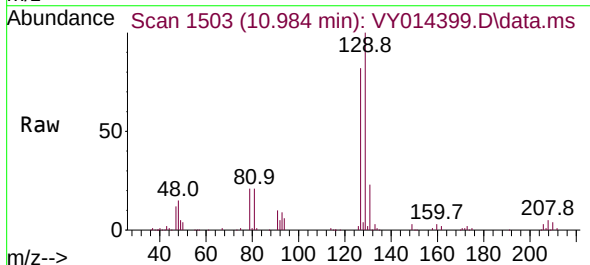
Manual Integrations
APPROVED

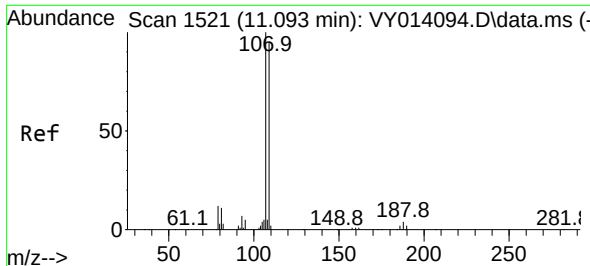
Reviewed By :Krupa Patel 06/26/2023
Supervised By :Mahesh Dadoda 06/26/2023



#60
Dibromochloromethane
Concen: 19.841 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.001 min
Lab File: VY014399.D
Acq: 23 Jun 2023 11:05

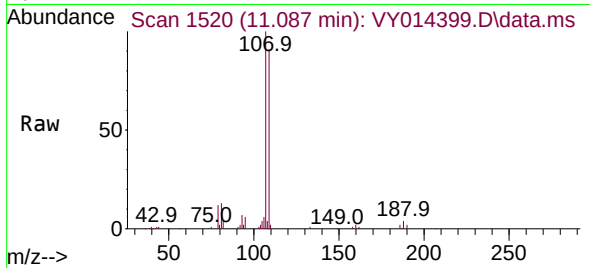
Tgt Ion:129 Resp: 59219
Ion Ratio Lower Upper
129 100
127 78.5 38.5 115.5





#61
1,2-Dibromoethane
Concen: 20.258 ug/l
RT: 11.087 min Scan# 1521
Delta R.T. -0.006 min
Lab File: VY014399.D
Acq: 23 Jun 2023 11:05

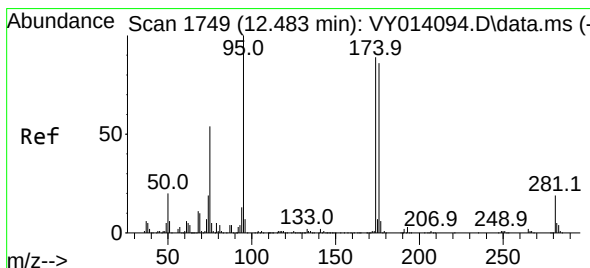
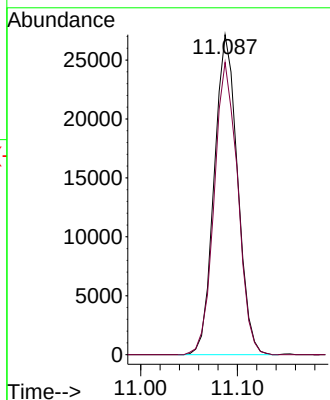
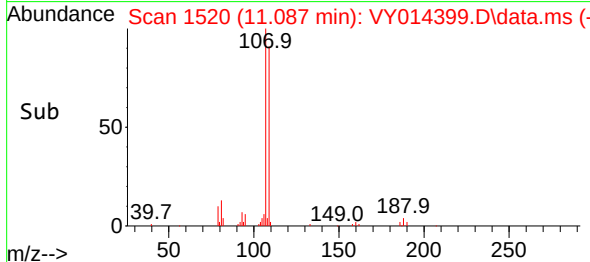
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



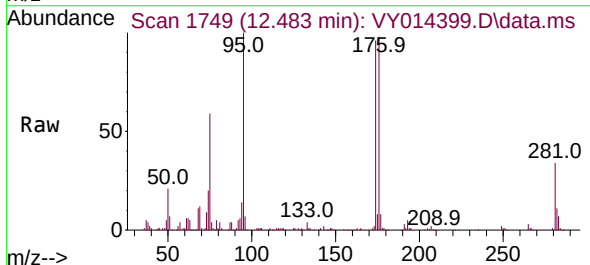
Tgt Ion:107 Resp: 4538
Ion Ratio Lower Upper
107 100
109 92.1 75.6 113.4

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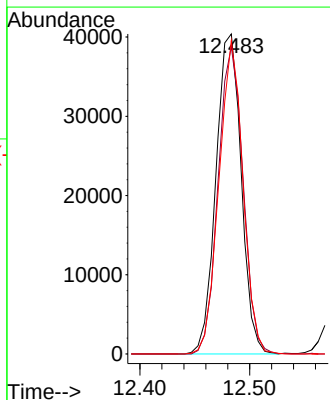
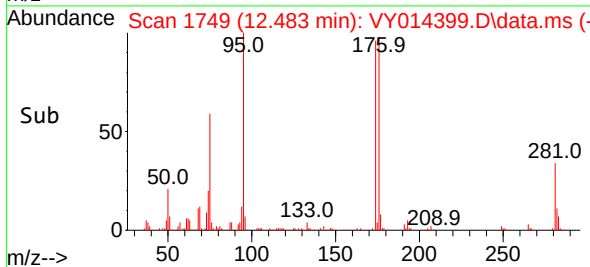
Reviewed By :Krupa Patel 06/26/2023
Supervised By :Mahesh Dadoda 06/26/2023

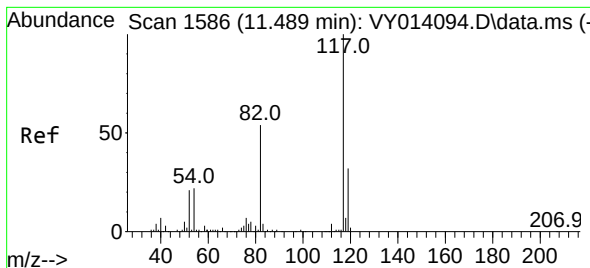


#62
4-Bromofluorobenzene
Concen: 19.037 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY014399.D
Acq: 23 Jun 2023 11:05



Tgt Ion: 95 Resp: 64547
Ion Ratio Lower Upper
95 100
174 94.7 0.0 178.2
176 92.9 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 1586

Delta R.T. 0.001 min

Lab File: VY014399.D

Acq: 23 Jun 2023 11:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion:117 Resp: 360210

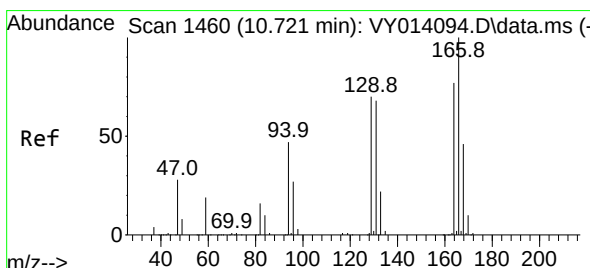
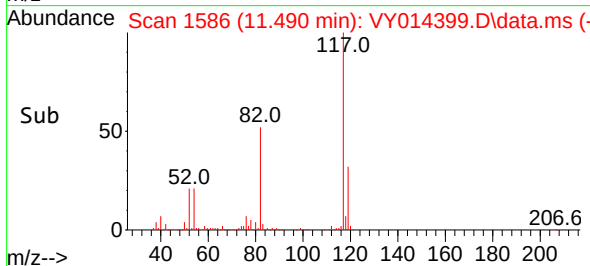
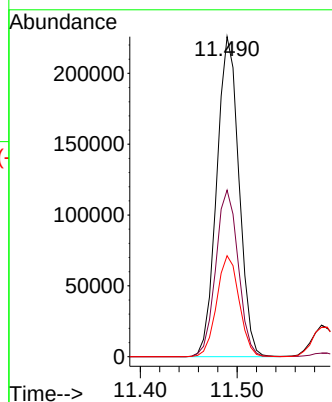
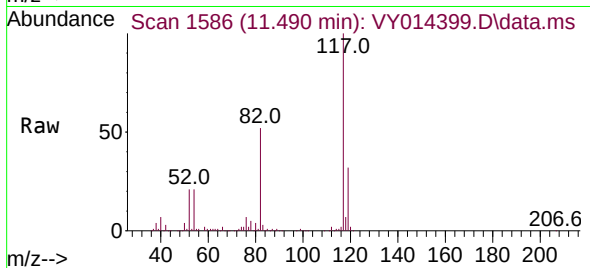
Ion	Ratio	Lower	Upper
117	100		
82	52.1	43.4	65.0
119	31.5	26.3	39.5

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 06/26/2023

Supervised By :Mahesh Dadoda 06/26/2023



#64

Tetrachloroethene

Concen: 20.616 ug/l

RT: 10.721 min Scan# 1460

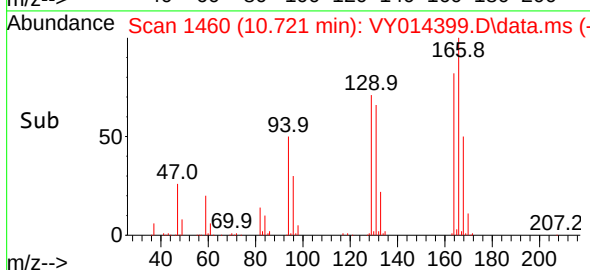
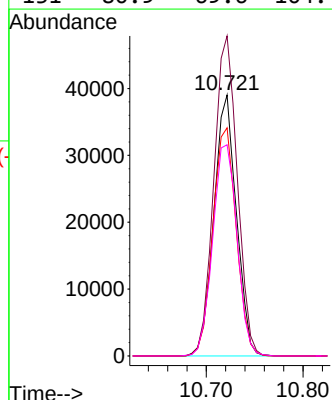
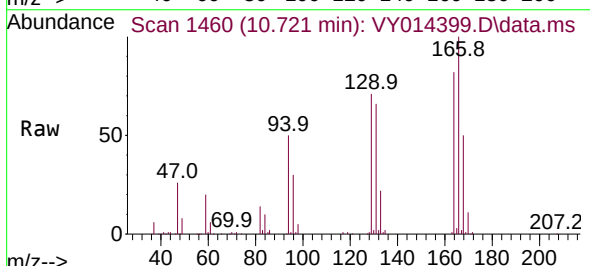
Delta R.T. 0.000 min

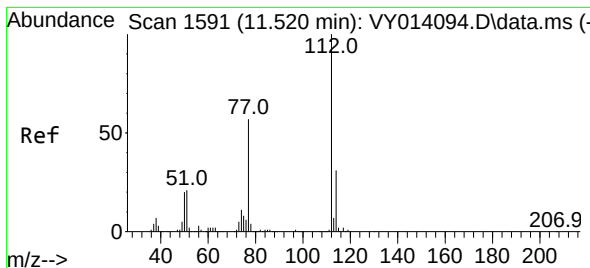
Lab File: VY014399.D

Acq: 23 Jun 2023 11:05

Tgt Ion:164 Resp: 63194

Ion	Ratio	Lower	Upper
164	100		
166	122.6	103.0	154.6
129	87.4	77.2	115.8
131	80.9	69.6	104.4





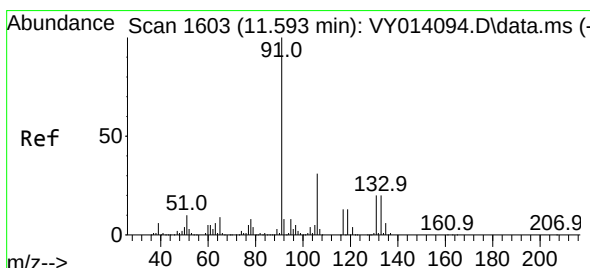
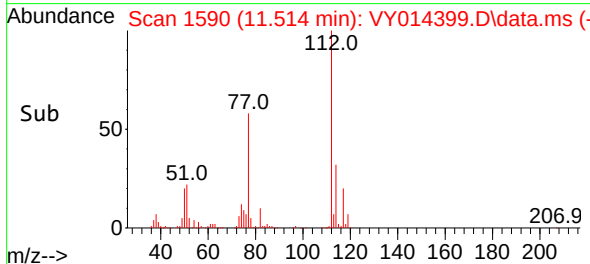
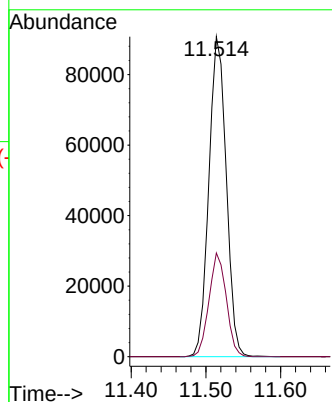
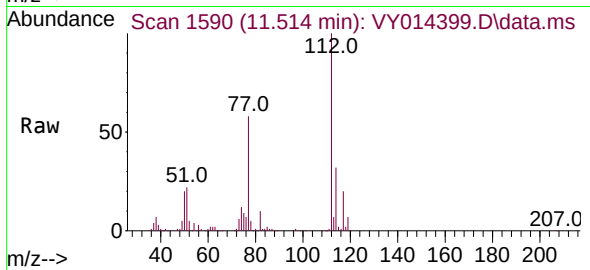
#65
Chlorobenzene
Concen: 19.810 ug/l
RT: 11.514 min Scan# 1150
Delta R.T. -0.006 min
Lab File: VY014399.D
Acq: 23 Jun 2023 11:05

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion:112 Resp: 146600
Ion Ratio Lower Upper
112 100
114 32.4 25.5 38.3

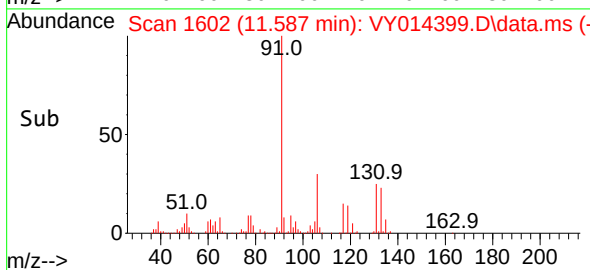
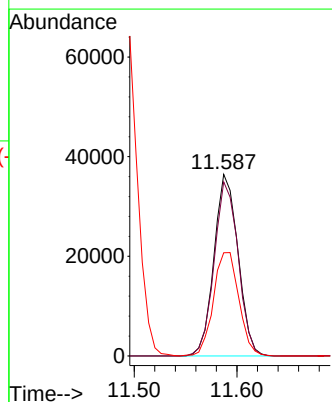
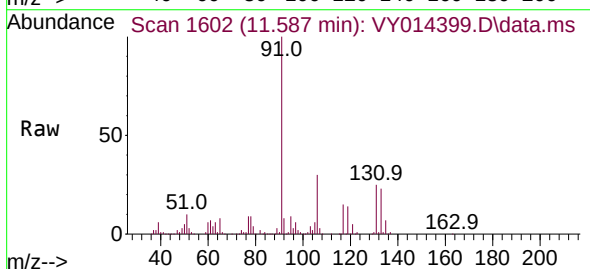
Manual Integrations
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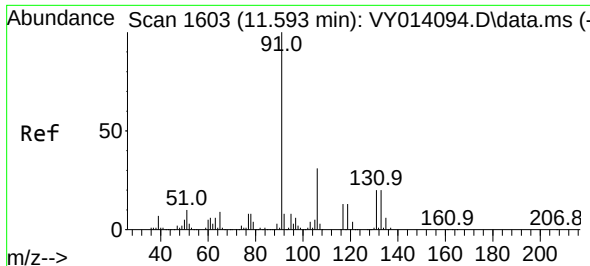
Reviewed By :Krupa Patel 06/26/2023
Supervised By :Mahesh Dadoda 06/26/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 19.847 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.006 min
Lab File: VY014399.D
Acq: 23 Jun 2023 11:05

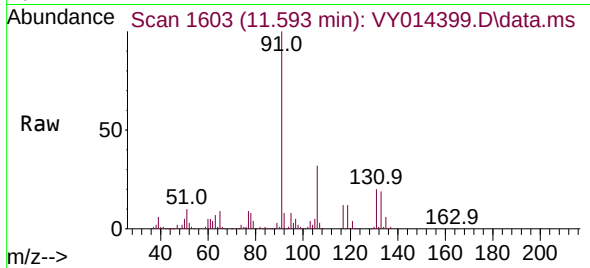
Tgt Ion:131 Resp: 59165
Ion Ratio Lower Upper
131 100
133 96.0 47.5 142.6
119 60.4 31.6 94.7





#67
Ethyl Benzene
Concen: 19.770 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY014399.D
Acq: 23 Jun 2023 11:05

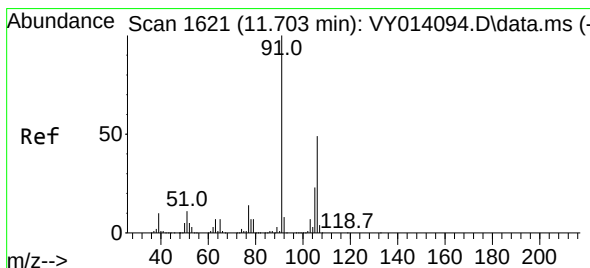
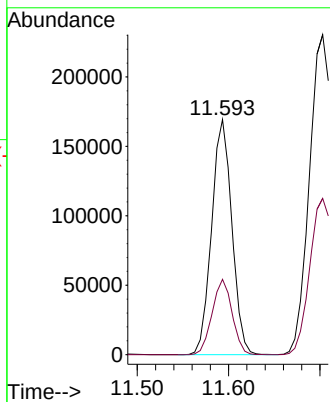
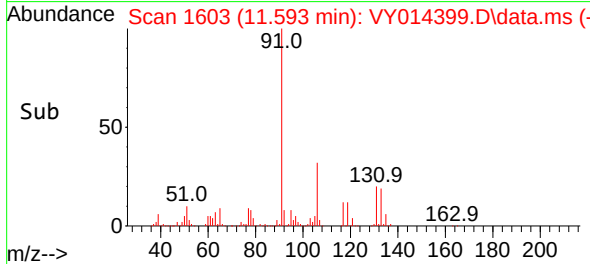
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



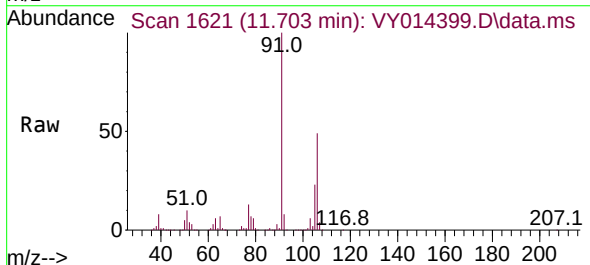
Tgt Ion: 91 Resp: 260520
Ion Ratio Lower Upper
91 100
106 32.0 24.6 36.8

Manual Integrations
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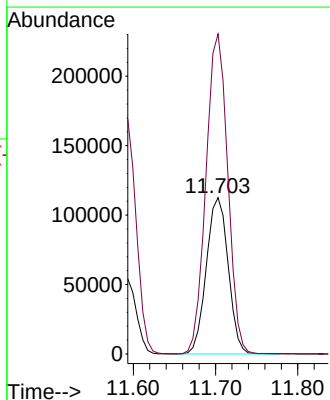
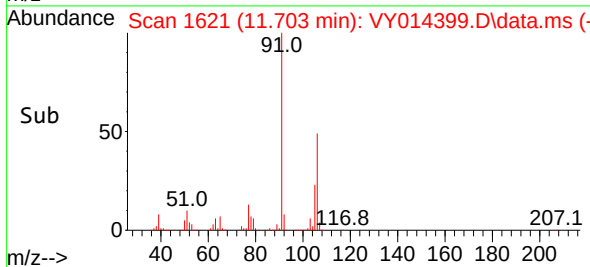
Reviewed By :Krupa Patel 06/26/2023
Supervised By :Mahesh Dadoda 06/26/2023

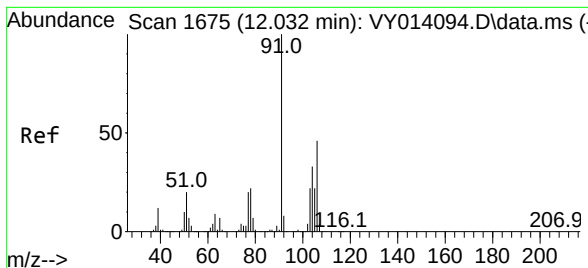


#68
m/p-Xylenes
Concen: 40.337 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY014399.D
Acq: 23 Jun 2023 11:05



Tgt Ion:106 Resp: 207615
Ion Ratio Lower Upper
106 100
91 203.9 166.1 249.1





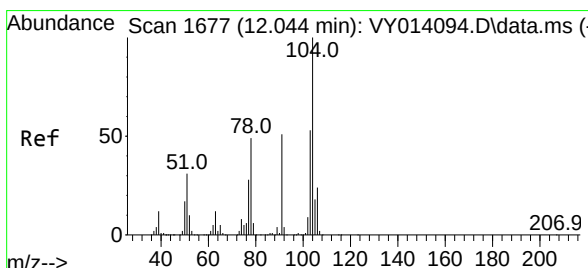
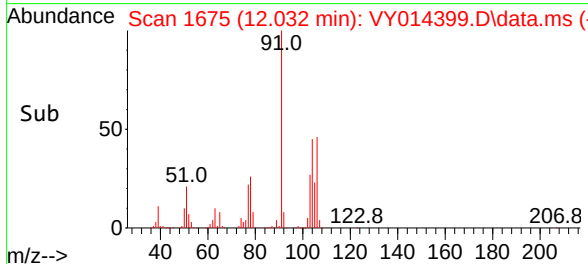
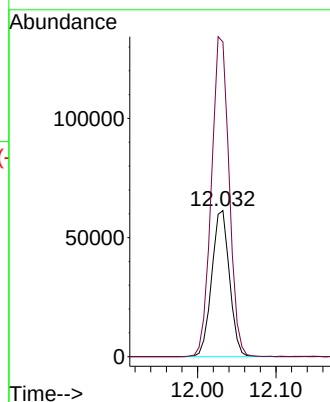
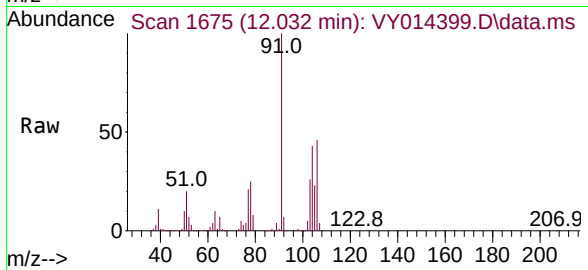
#69
o-Xylene
Concen: 19.697 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY014399.D
Acq: 23 Jun 2023 11:05

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion:106 Resp: 96469
Ion Ratio Lower Upper
106 100
91 219.2 108.1 324.3

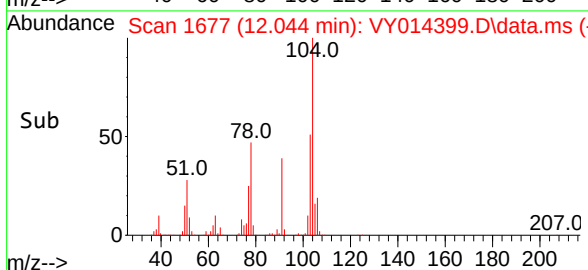
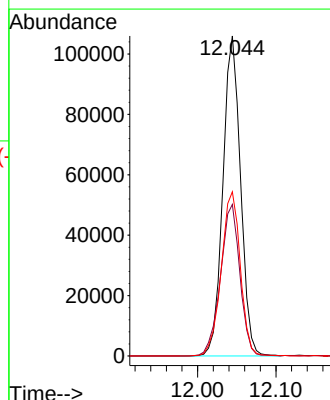
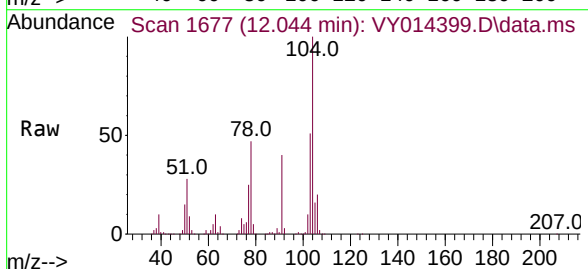
Manual Integrations
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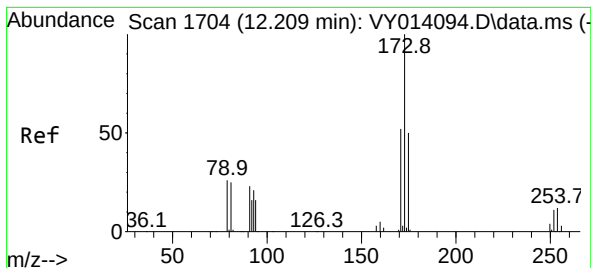
Reviewed By :Krupa Patel 06/26/2023
Supervised By :Mahesh Dadoda 06/26/2023



#70
Styrene
Concen: 19.787 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY014399.D
Acq: 23 Jun 2023 11:05

Tgt Ion:104 Resp: 166090
Ion Ratio Lower Upper
104 100
78 52.1 41.5 62.3
103 55.4 44.6 67.0





#71

Bromoform

Concen: 19.848 ug/l

RT: 12.209 min Scan# 1704

Delta R.T. -0.000 min

Lab File: VY014399.D

Acq: 23 Jun 2023 11:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

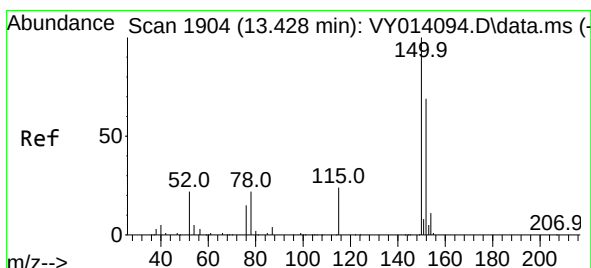
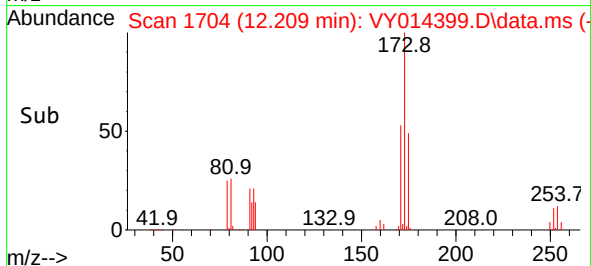
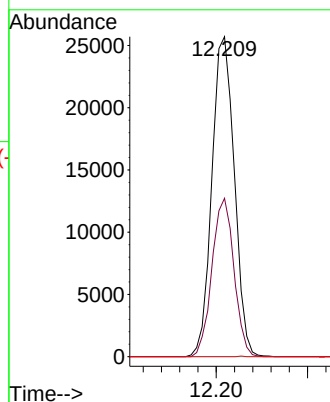
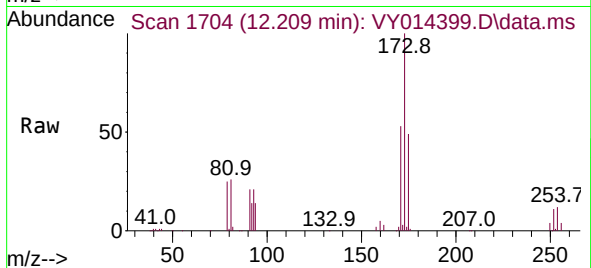
Tgt Ion:	173	Resp:	43728
Ion Ratio	Lower	Upper	
173	100		
175	48.5	24.6	73.8
254	0.0	0.2	0.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 06/26/2023

Supervised By :Mahesh Dadoda 06/26/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

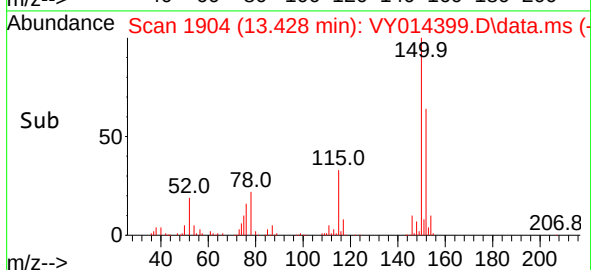
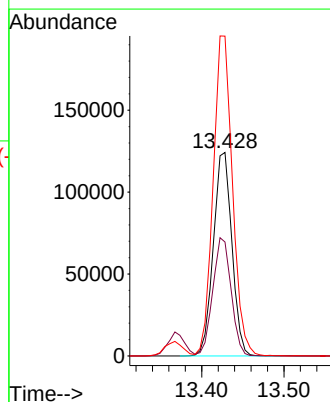
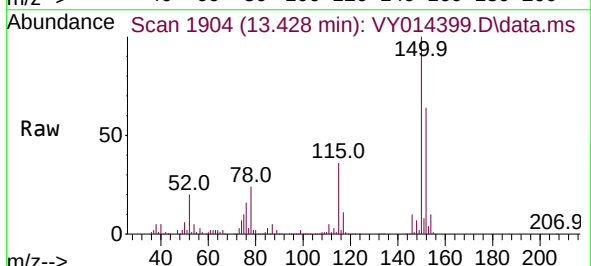
RT: 13.428 min Scan# 1904

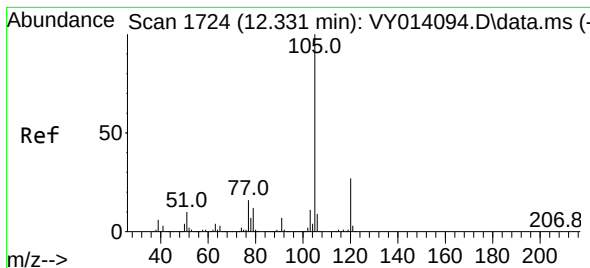
Delta R.T. 0.000 min

Lab File: VY014399.D

Acq: 23 Jun 2023 11:05

Tgt Ion:	152	Resp:	194802
Ion Ratio	Lower	Upper	
152	100		
115	57.4	28.8	86.5
150	163.8	0.0	348.8





#73

Isopropylbenzene

Concen: 19.584 ug/l

RT: 12.331 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY014399.D

Acq: 23 Jun 2023 11:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion:105 Resp: 25688

Ion Ratio Lower Upper

105 100

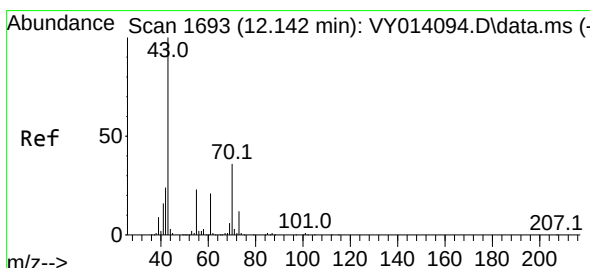
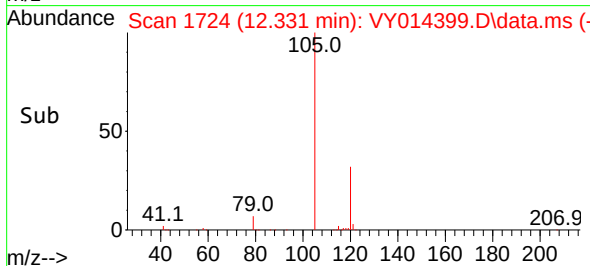
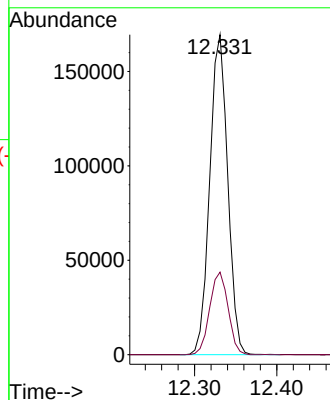
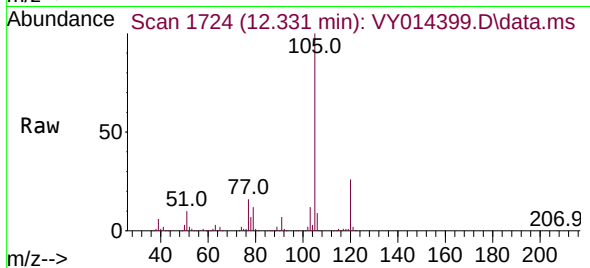
120 26.4 13.3 39.9

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 06/26/2023

Supervised By :Mahesh Dadoda 06/26/2023



#74

N-ethyl acetate

Concen: 19.476 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY014399.D

Acq: 23 Jun 2023 11:05

Tgt Ion: 43 Resp: 80906

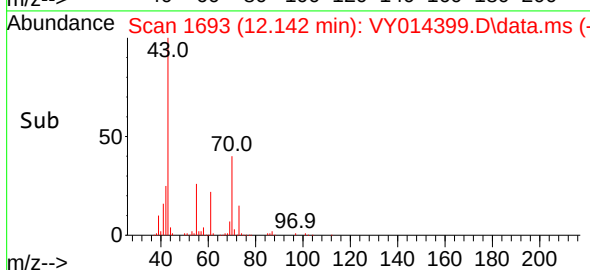
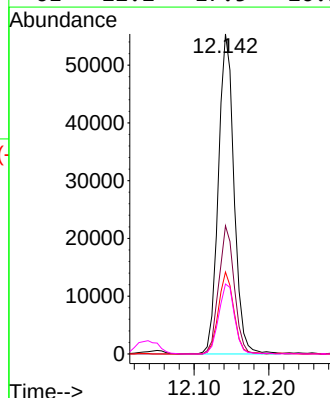
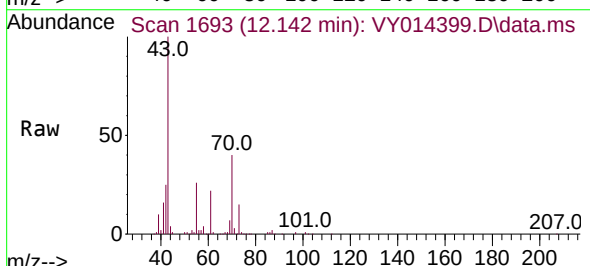
Ion Ratio Lower Upper

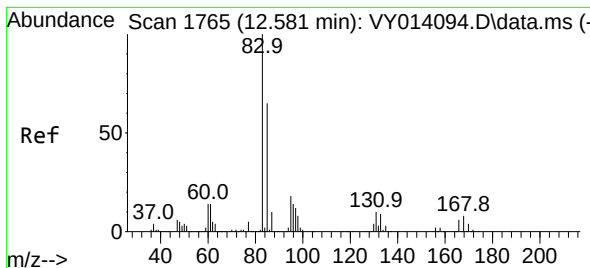
43 100

70 39.7 29.7 44.5

55 25.0 18.3 27.5

61 22.2 17.5 26.3





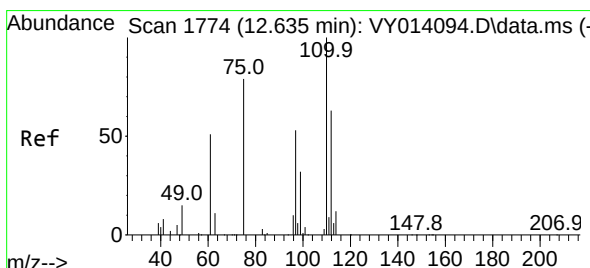
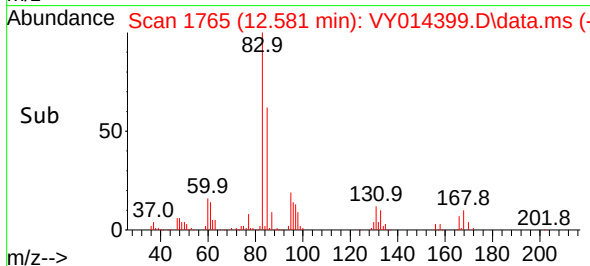
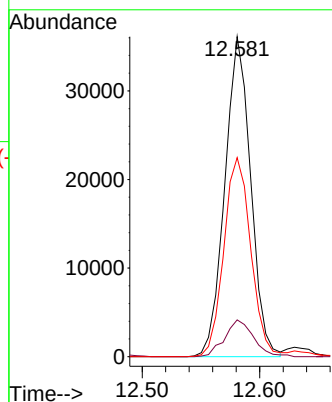
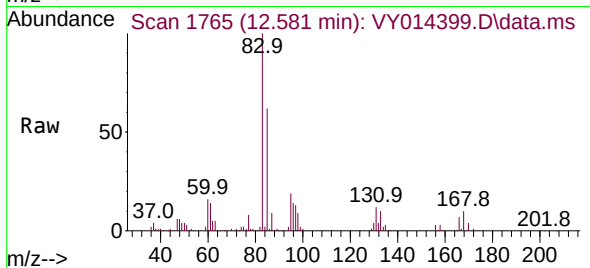
#75
1,1,2,2-Tetrachloroethane
Concen: 19.720 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY014399.D
Acq: 23 Jun 2023 11:05

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion: 83 Resp: 5528
Ion Ratio Lower Upper
83 100
131 12.8 5.4 16.2
85 64.8 31.8 95.4

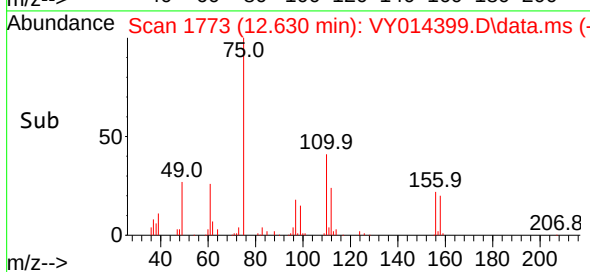
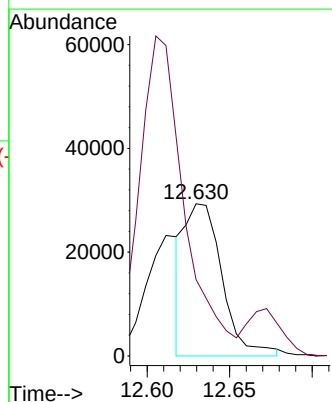
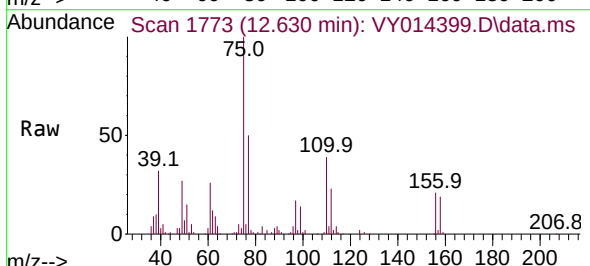
Manual Integrations
APPROVED

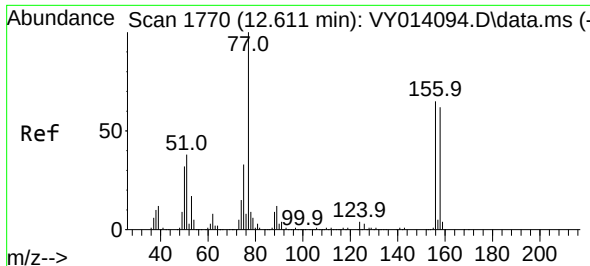
Reviewed By :Krupa Patel 06/26/2023
Supervised By :Mahesh Dadoda 06/26/2023



#76
1,2,3-Trichloropropane
Concen: 18.997 ug/l m
RT: 12.630 min Scan# 1773
Delta R.T. -0.005 min
Lab File: VY014399.D
Acq: 23 Jun 2023 11:05

Tgt Ion: 75 Resp: 46531
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





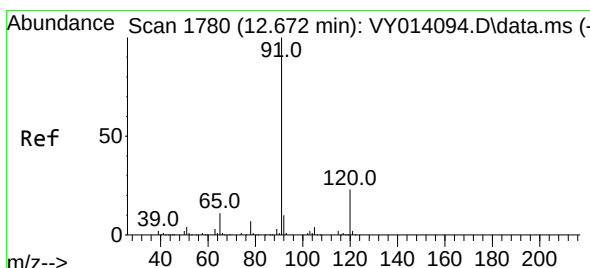
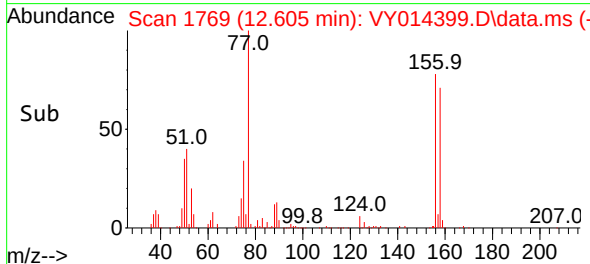
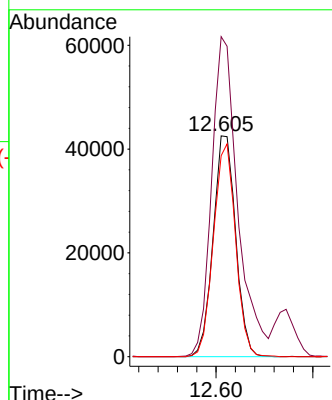
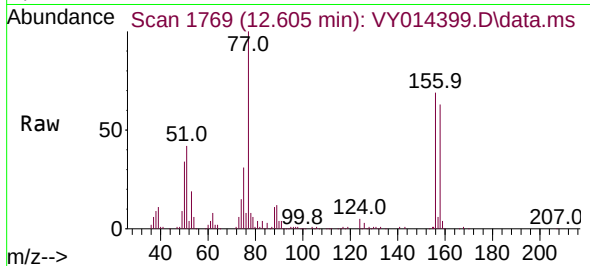
#77
Bromobenzene
Concen: 20.196 ug/l
RT: 12.605 min Scan# 1770
Delta R.T. -0.006 min
Lab File: VY014399.D
Acq: 23 Jun 2023 11:05

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion:156 Resp: 68878
Ion Ratio Lower Upper
156 100
77 168.2 92.8 278.6
158 94.5 48.4 145.3

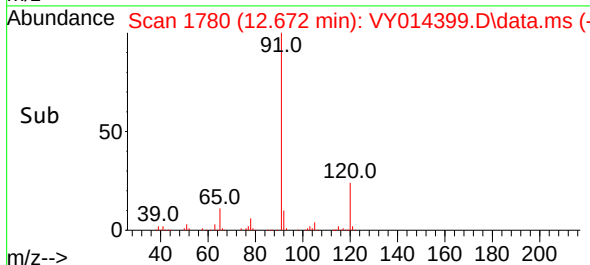
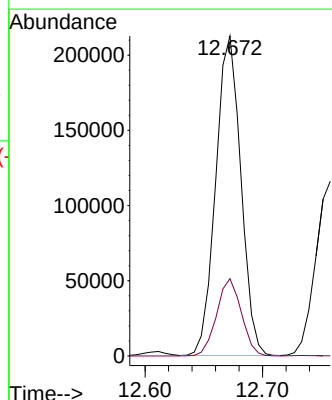
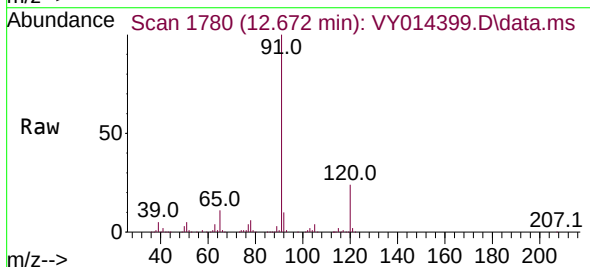
Manual Integrations
APPROVED

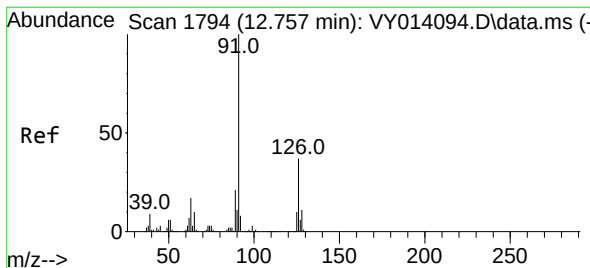
Reviewed By :Krupa Patel 06/26/2023
Supervised By :Mahesh Dadoda 06/26/2023



#78
n-propylbenzene
Concen: 19.966 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY014399.D
Acq: 23 Jun 2023 11:05

Tgt Ion: 91 Resp: 315960
Ion Ratio Lower Upper
91 100
120 23.8 11.5 34.4





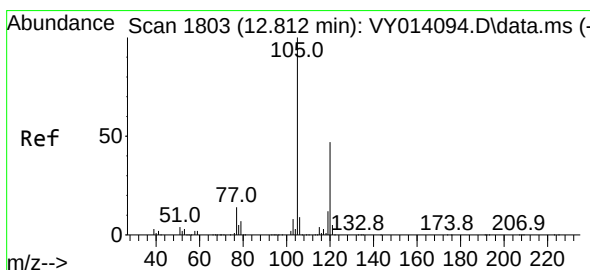
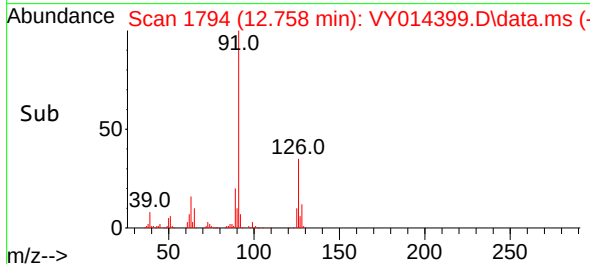
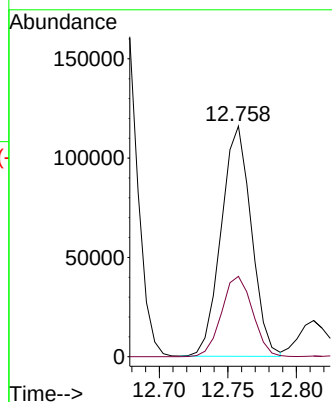
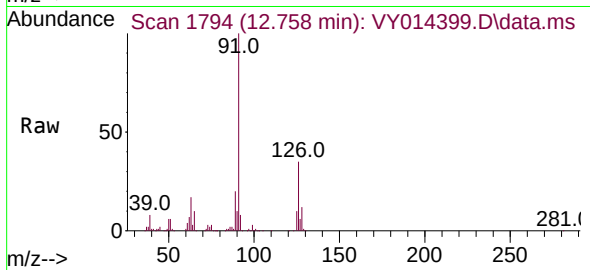
#79
2-Chlorotoluene
Concen: 19.675 ug/l
RT: 12.758 min Scan# 177819
Delta R.T. 0.001 min
Lab File: VY014399.D
Acq: 23 Jun 2023 11:05

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion: 91 Resp: 177819
Ion Ratio Lower Upper
91 100
126 35.8 17.3 51.7

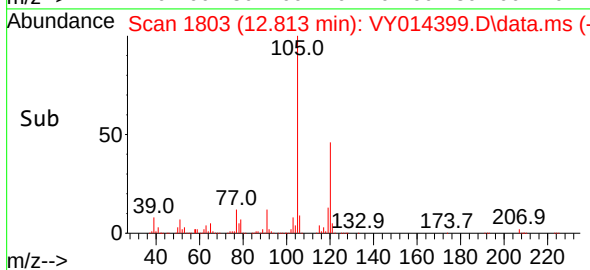
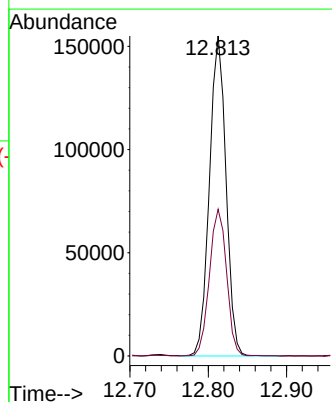
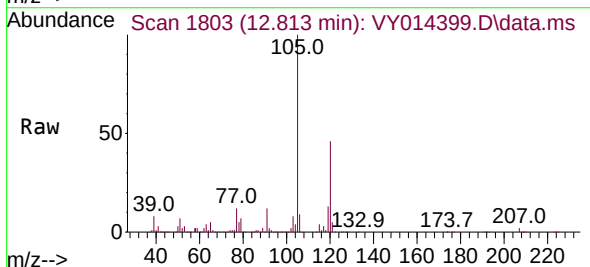
Manual Integrations
APPROVED

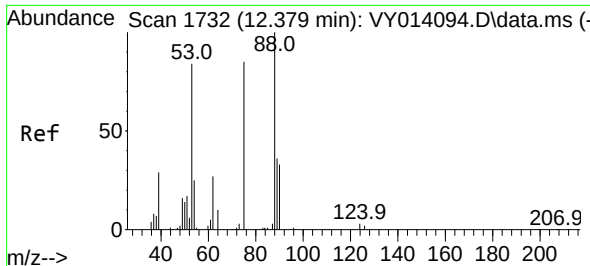
Reviewed By :Krupa Patel 06/26/2023
Supervised By :Mahesh Dadoda 06/26/2023



#80
1,3,5-Trimethylbenzene
Concen: 20.039 ug/l
RT: 12.813 min Scan# 1803
Delta R.T. 0.001 min
Lab File: VY014399.D
Acq: 23 Jun 2023 11:05

Tgt Ion:105 Resp: 227386
Ion Ratio Lower Upper
105 100
120 47.5 23.9 71.7





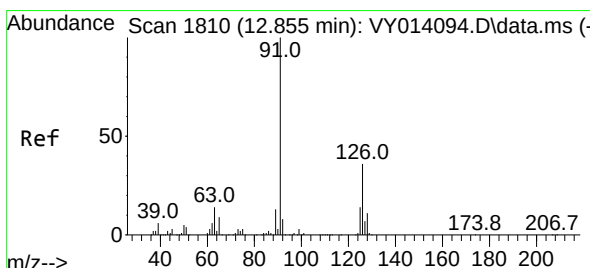
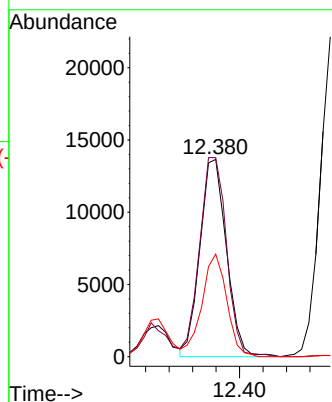
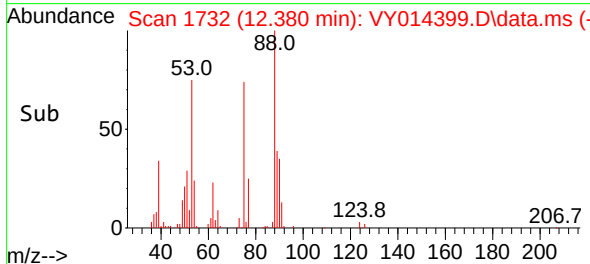
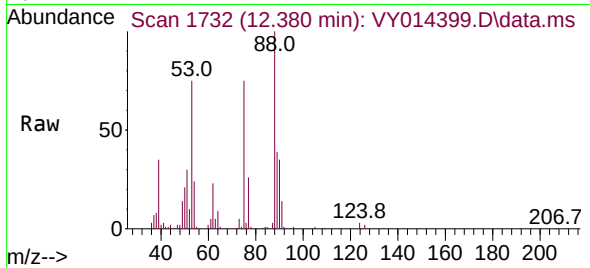
#81
trans-1,4-Dichloro-2-butene
Concen: 20.032 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.001 min
Lab File: VY014399.D
Acq: 23 Jun 2023 11:05

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 75 Resp: 2150
Ion Ratio Lower Upper
75 100
53 102.3 77.8 116.8
89 48.6 37.4 56.0

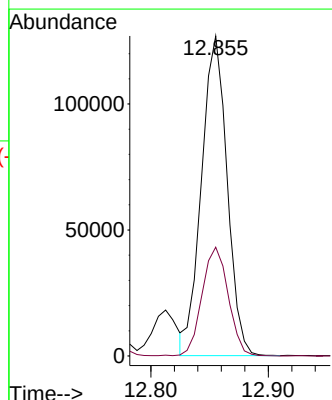
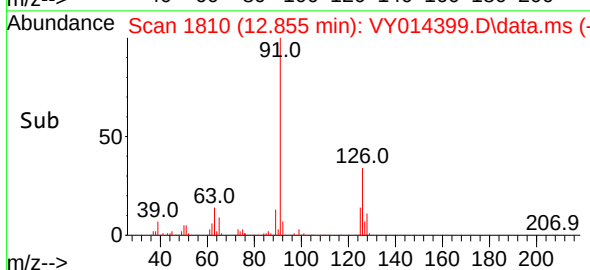
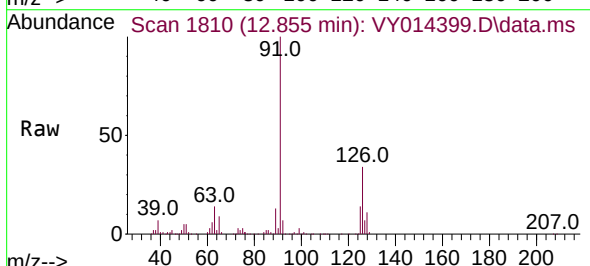
Manual Integrations
APPROVED

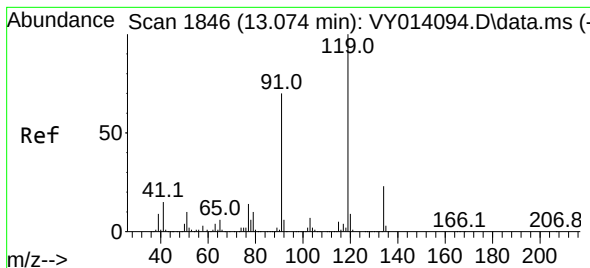
Reviewed By :Krupa Patel 06/26/2023
Supervised By :Mahesh Dadoda 06/26/2023



#82
4-Chlorotoluene
Concen: 19.993 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY014399.D
Acq: 23 Jun 2023 11:05

Tgt Ion: 91 Resp: 192489
Ion Ratio Lower Upper
91 100
126 34.8 17.2 51.6





#83

tert-Butylbenzene

Concen: 19.390 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. 0.001 min

Lab File: VY014399.D

Acq: 23 Jun 2023 11:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

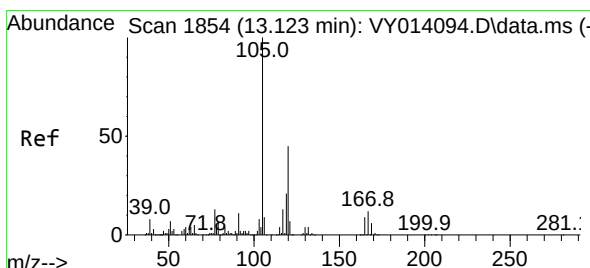
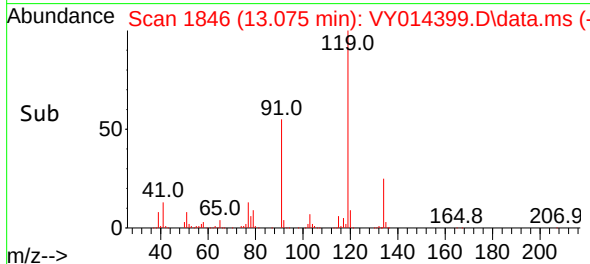
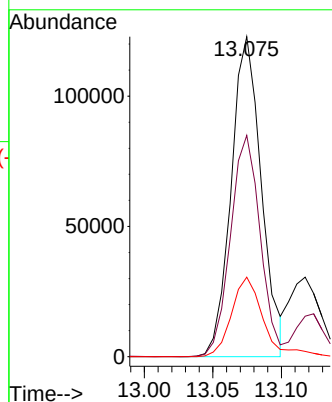
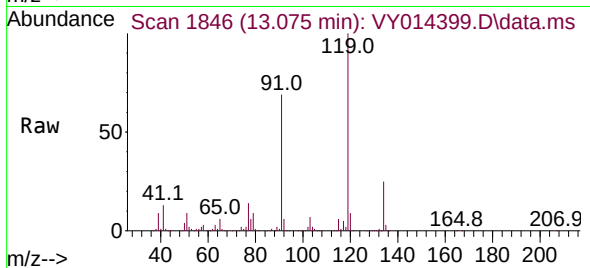
Tgt Ion:	119	Resp:	188618
Ion Ratio	Lower	Upper	
119	100		
91	67.9	32.9	98.6
134	26.2	13.0	38.9

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 06/26/2023

Supervised By :Mahesh Dadoda 06/26/2023



#84

1,2,4-Trimethylbenzene

Concen: 19.961 ug/l

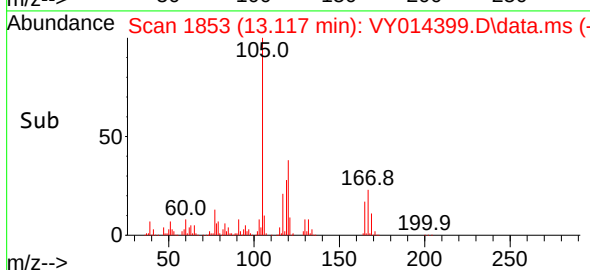
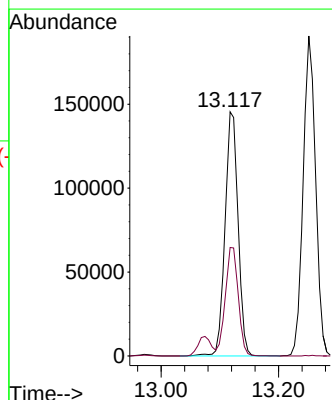
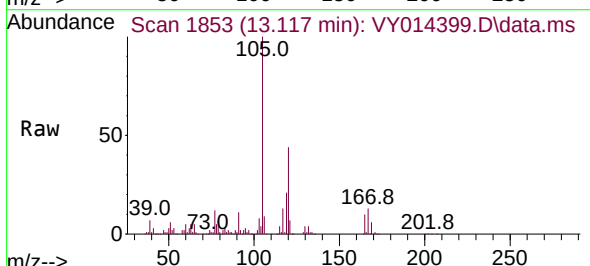
RT: 13.117 min Scan# 1853

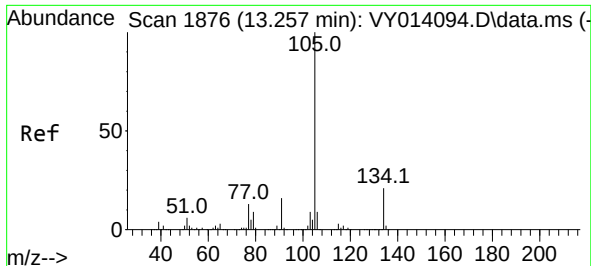
Delta R.T. -0.006 min

Lab File: VY014399.D

Acq: 23 Jun 2023 11:05

Tgt Ion:	105	Resp:	224441
Ion Ratio	Lower	Upper	
105	100		
120	44.1	22.2	66.6





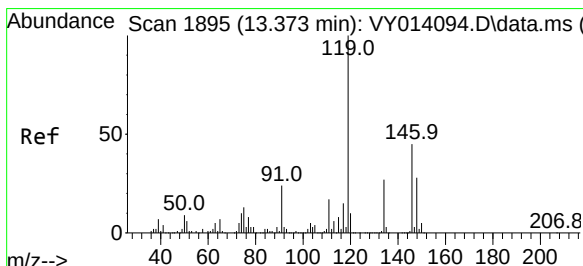
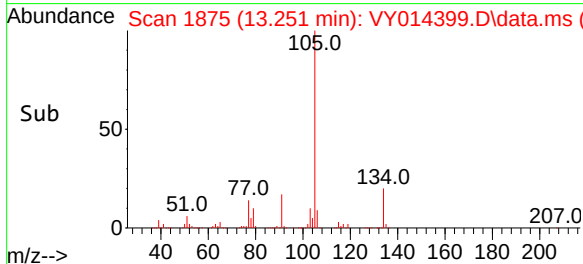
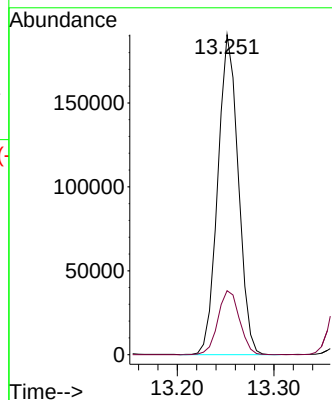
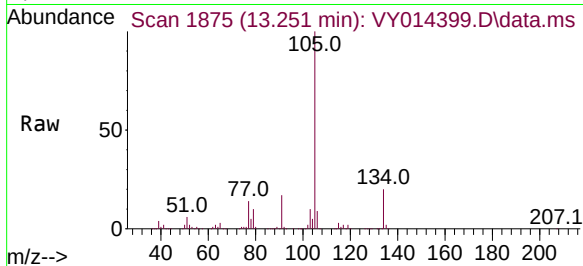
#85
 sec-Butylbenzene
 Concen: 19.883 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. -0.006 min
 Lab File: VY014399.D
 Acq: 23 Jun 2023 11:05

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

Tgt Ion:105 Resp: 279700
 Ion Ratio Lower Upper
 105 100
 134 21.1 10.2 30.6

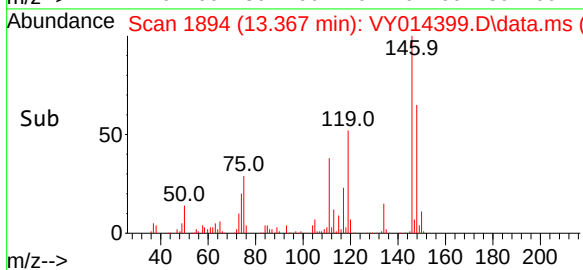
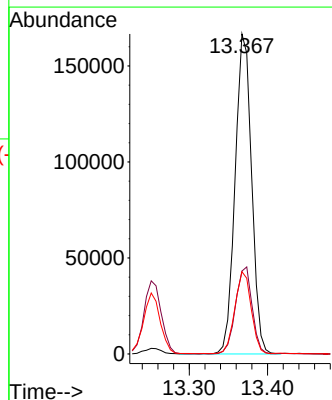
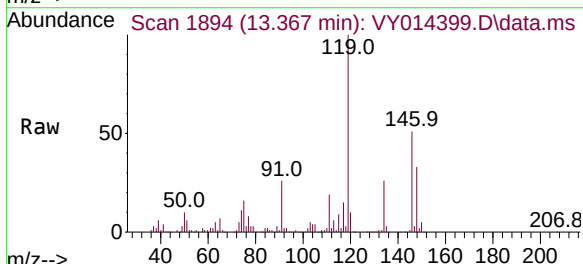
Manual Integrations
 APPROVED

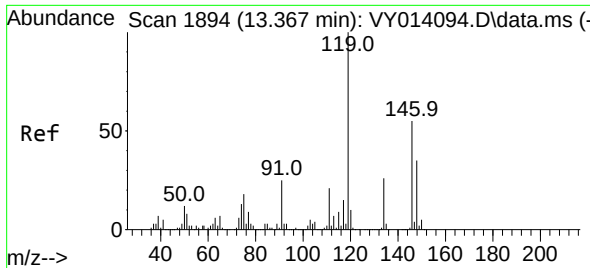
Reviewed By :Krupa Patel 06/26/2023
 Supervised By :Mahesh Dadoda 06/26/2023



#86
 p-Isopropyltoluene
 Concen: 19.978 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. -0.006 min
 Lab File: VY014399.D
 Acq: 23 Jun 2023 11:05

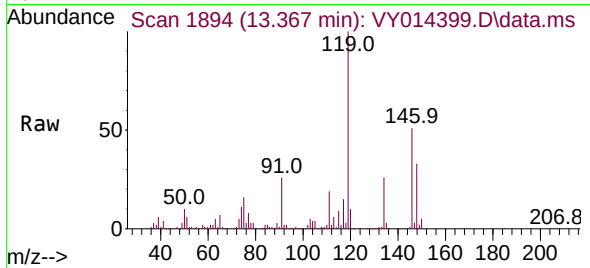
Tgt Ion:119 Resp: 243321
 Ion Ratio Lower Upper
 119 100
 134 27.3 13.3 39.8
 91 25.5 12.4 37.4





#87
1,3-Dichlorobenzene
Concen: 20.012 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY014399.D
Acq: 23 Jun 2023 11:05

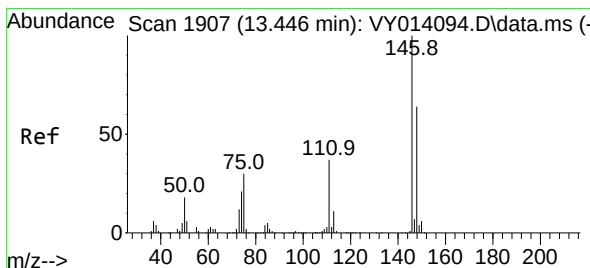
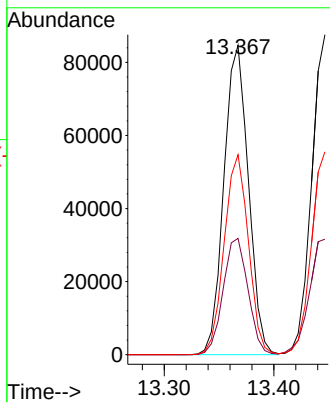
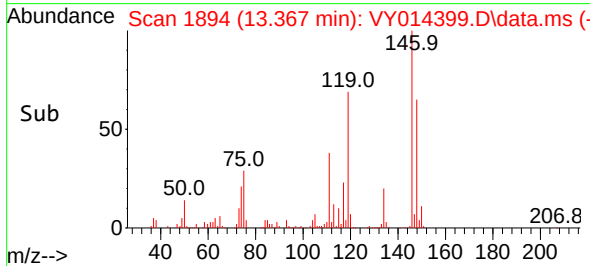
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



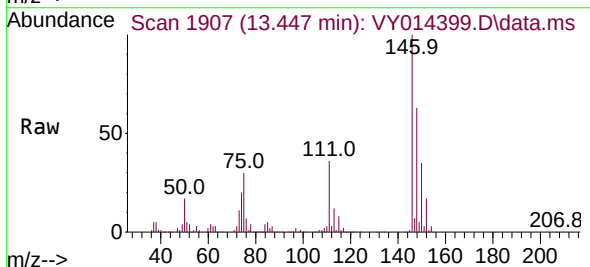
Tgt Ion:146 Resp: 13164
Ion Ratio Lower Upper
146 100
111 38.2 19.4 58.2
148 63.8 31.9 95.5

Manual Integrations
APPROVED

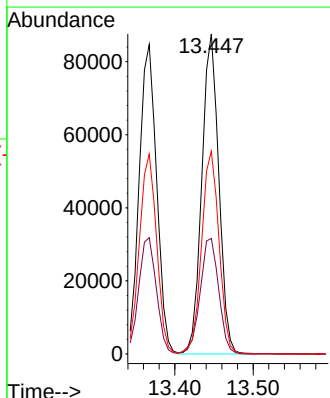
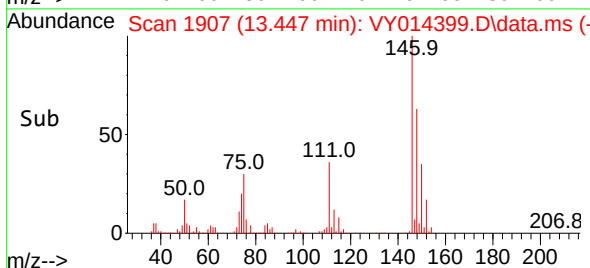
Reviewed By :Krupa Patel 06/26/2023
Supervised By :Mahesh Dadoda 06/26/2023

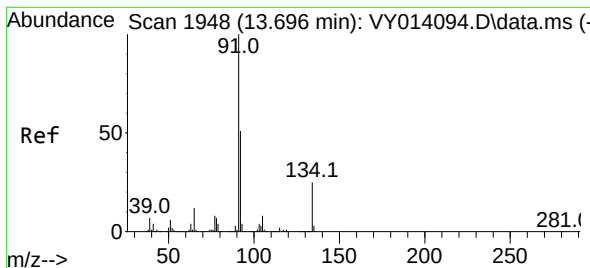


#88
1,4-Dichlorobenzene
Concen: 19.936 ug/l
RT: 13.447 min Scan# 1907
Delta R.T. 0.001 min
Lab File: VY014399.D
Acq: 23 Jun 2023 11:05



Tgt Ion:146 Resp: 131845
Ion Ratio Lower Upper
146 100
111 39.5 18.9 56.7
148 64.8 32.1 96.5





#89

n-Butylbenzene

Concen: 19.880 ug/l

RT: 13.697 min Scan# 1948

Delta R.T. 0.001 min

Lab File: VY014399.D

Acq: 23 Jun 2023 11:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

Tgt Ion: 91 Resp: 221230

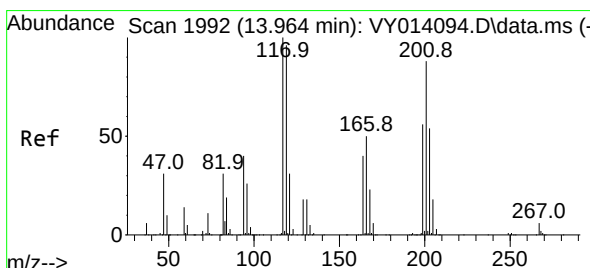
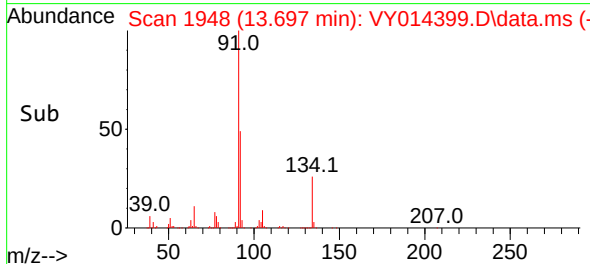
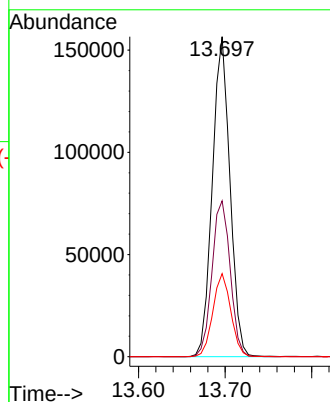
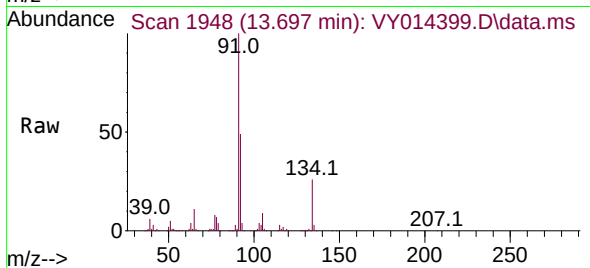
Ion	Ratio	Lower	Upper
91	100		
92	50.4	25.4	76.0
134	26.5	12.6	37.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 06/26/2023

Supervised By :Mahesh Dadoda 06/26/2023



#90

Hexachloroethane

Concen: 19.567 ug/l

RT: 13.959 min Scan# 1991

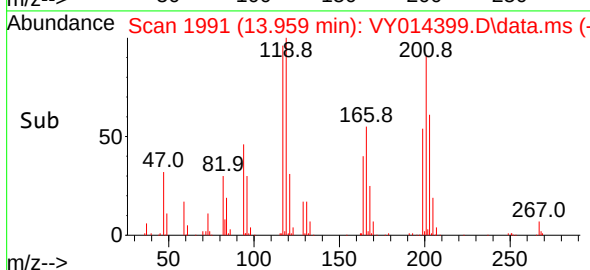
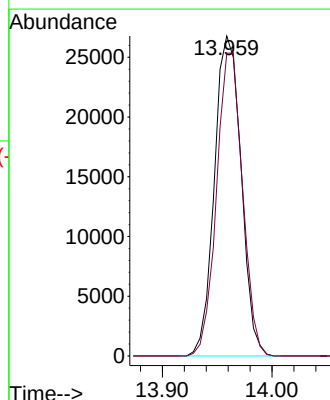
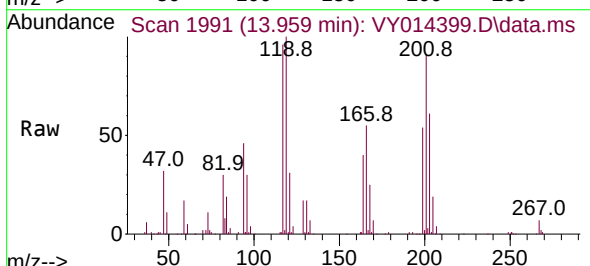
Delta R.T. -0.005 min

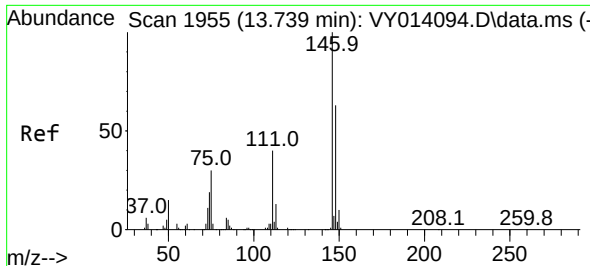
Lab File: VY014399.D

Acq: 23 Jun 2023 11:05

Tgt Ion:117 Resp: 45337

Ion	Ratio	Lower	Upper
117	100		
201	92.2	41.6	124.8





#91
1,2-Dichlorobenzene
Concen: 19.757 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY014399.D
Acq: 23 Jun 2023 11:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

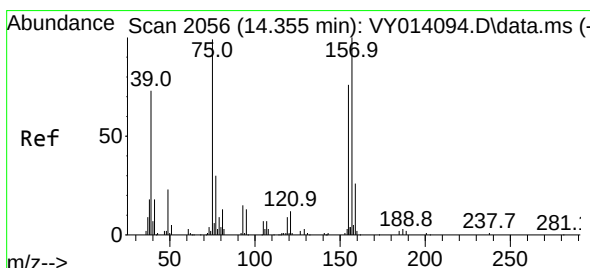
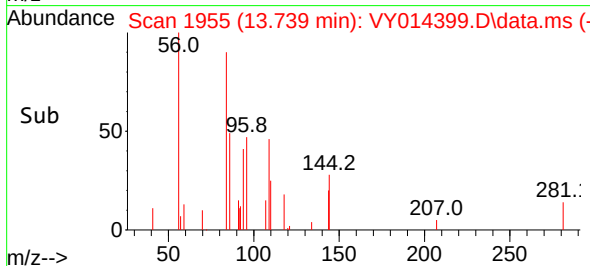
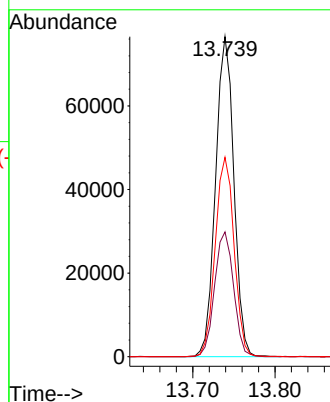
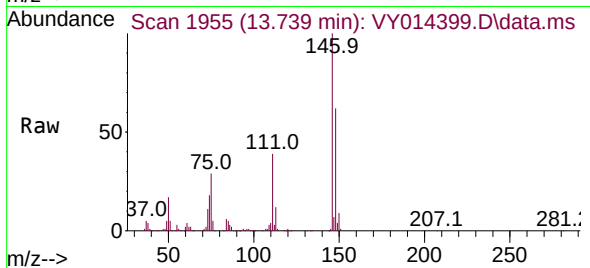
Tgt Ion:146 Resp: 11865
Ion Ratio Lower Upper
146 100
111 40.3 19.7 59.0
148 64.2 32.0 96.2

Manual Integrations

APPROVED

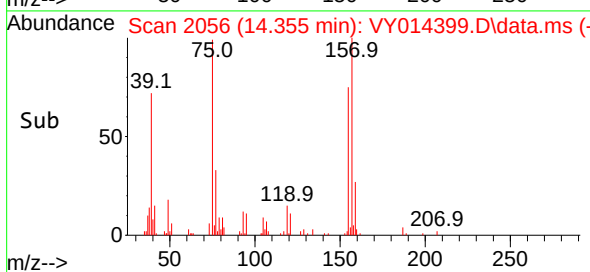
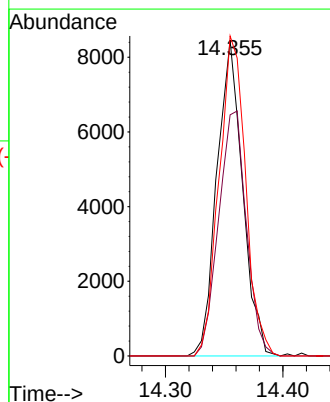
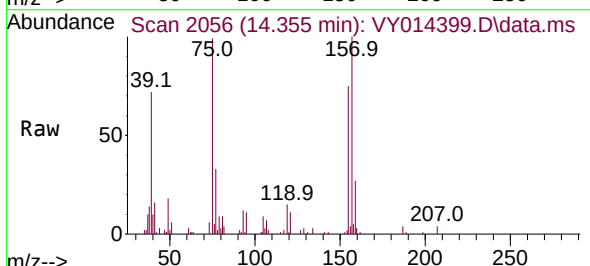
Reviewed By :Krupa Patel 06/26/2023

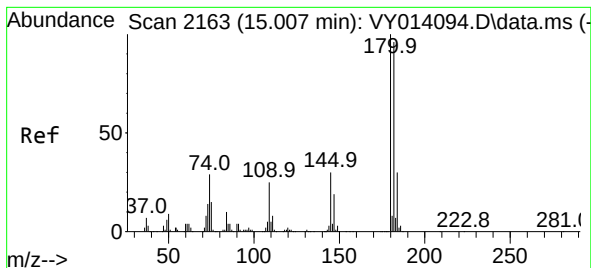
Supervised By :Mahesh Dadoda 06/26/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.726 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY014399.D
Acq: 23 Jun 2023 11:05

Tgt Ion: 75 Resp: 12841
Ion Ratio Lower Upper
75 100
155 83.7 41.5 124.6
157 104.6 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 19.671 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY014399.D

Acq: 23 Jun 2023 11:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

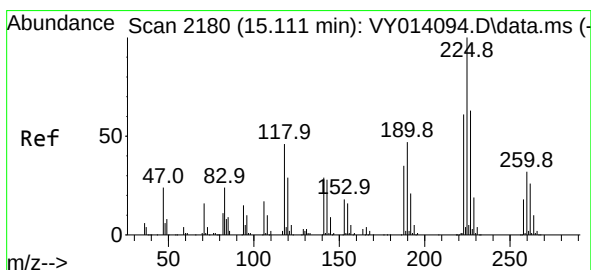
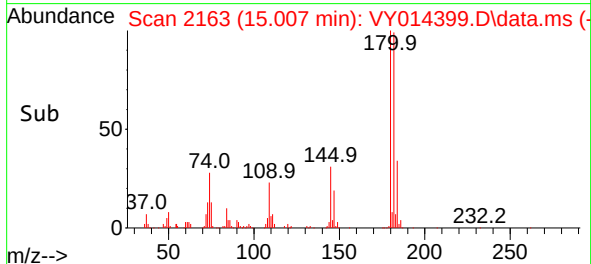
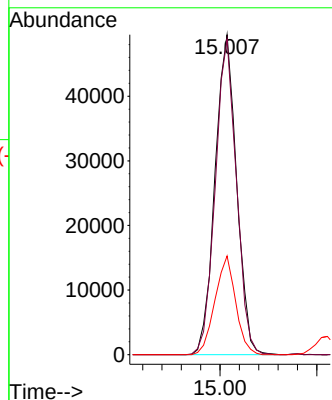
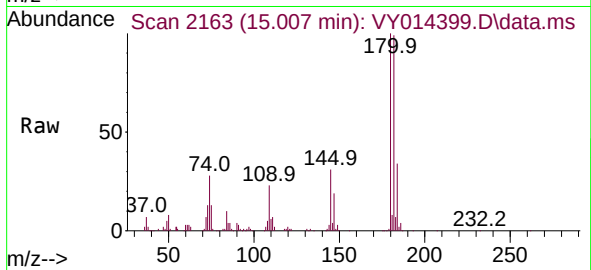
Tgt Ion:180	Resp:	76749
Ion Ratio	Lower	Upper
180	100	
182	96.2	47.0 141.2
145	29.5	14.5 43.5

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 06/26/2023

Supervised By :Mahesh Dadoda 06/26/2023



#94

Hexachlorobutadiene

Concen: 20.299 ug/l

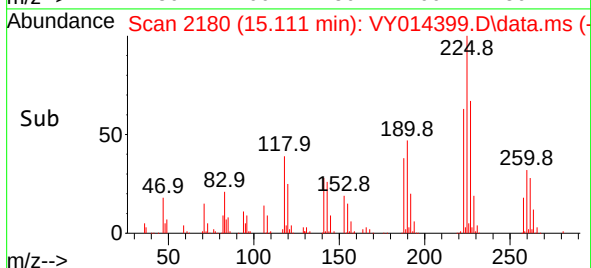
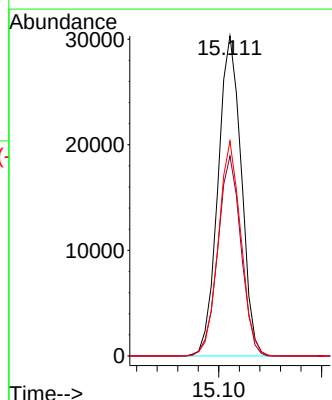
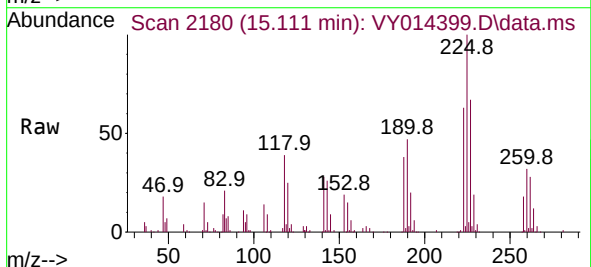
RT: 15.111 min Scan# 2180

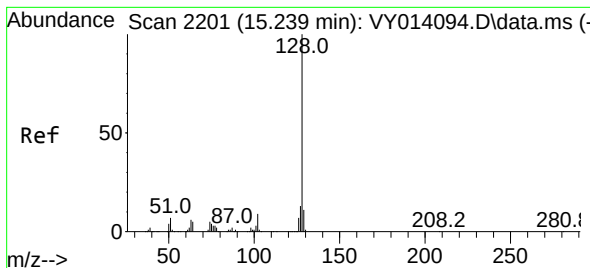
Delta R.T. -0.000 min

Lab File: VY014399.D

Acq: 23 Jun 2023 11:05

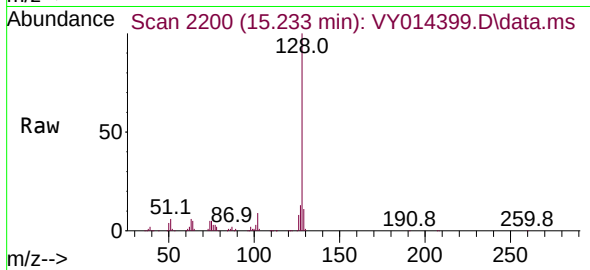
Tgt Ion:225	Resp:	47575
Ion Ratio	Lower	Upper
225	100	
223	62.0	31.9 95.9
227	65.3	33.0 98.9





#95
Naphthalene
Concen: 19.417 ug/l
RT: 15.233 min Scan# 2201
Delta R.T. -0.006 min
Lab File: VY014399.D
Acq: 23 Jun 2023 11:05

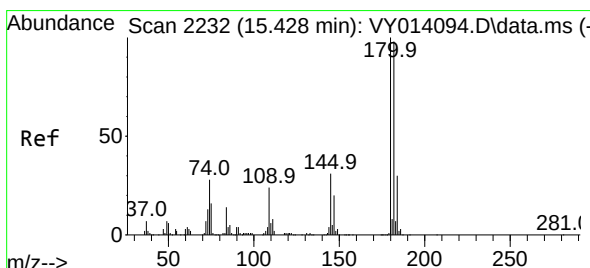
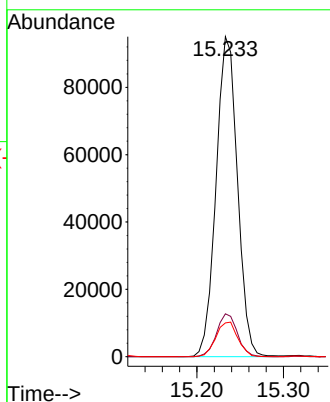
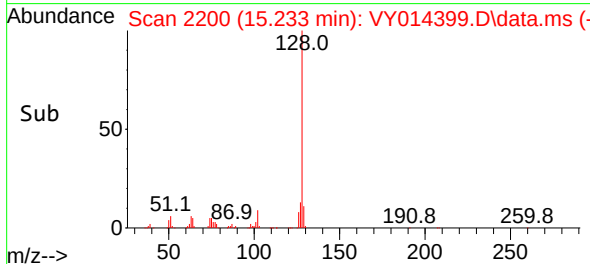
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



Tgt Ion:128 Resp: 162878
Ion Ratio Lower Upper
128 100
127 13.1 10.8 16.2
129 11.1 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 06/26/2023
Supervised By :Mahesh Dadoda 06/26/2023



#96
1,2,3-Trichlorobenzene
Concen: 19.776 ug/l
RT: 15.422 min Scan# 2231
Delta R.T. -0.006 min
Lab File: VY014399.D
Acq: 23 Jun 2023 11:05

Tgt Ion:180 Resp: 70258
Ion Ratio Lower Upper
180 100
182 95.2 47.3 141.8
145 30.2 15.4 46.2

