

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022825\
 Data File : VY021394.D
 Acq On : 28 Feb 2025 20:35
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/03/2025
 Supervised By : Mahesh Dadoda 03/03/2025

Quant Time: Feb 28 22:25:48 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 26 02:09:13 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	191604	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	317108	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	291162	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	148923	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	120757	55.557	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 111.120%			
35) Dibromofluoromethane	7.634	113	113211	54.455	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 108.900%			
50) Toluene-d8	10.103	98	426333	53.061	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 106.120%			
62) 4-Bromofluorobenzene	12.407	95	146096	54.029	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 108.060%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.861	85	82811	45.585	ug/l	98
3) Chloromethane	2.068	50	138847	59.182	ug/l	99
4) Vinyl Chloride	2.202	62	148397	64.443	ug/l	97
5) Bromomethane	2.592	94	101775	66.509	ug/l	98
6) Chloroethane	2.732	64	101805	71.292	ug/l	100
7) Trichlorofluoromethane	3.055	101	184165	52.956	ug/l	94
8) Diethyl Ether	3.452	74	57220	54.819	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.811	101	99452	49.394	ug/l	99
10) Methyl Iodide	4.007	142	119978	56.639	ug/l	99
11) Tert butyl alcohol	4.860	59	34470	206.175	ug/l	98
12) 1,1-Dichloroethene	3.787	96	97465	50.555	ug/l	98
13) Acrolein	3.647	56	4519	35.272	ug/l	97
14) Allyl chloride	4.385	41	165497	48.418	ug/l	98
15) Acrylonitrile	5.061	53	125193	271.276	ug/l	99
16) Acetone	3.866	43	95432	228.885	ug/l	96
17) Carbon Disulfide	4.104	76	327715	51.192	ug/l	99
18) Methyl Acetate	4.385	43	58063	56.983	ug/l	96
19) Methyl tert-butyl Ether	5.116	73	273315	53.658	ug/l	99
20) Methylene Chloride	4.616	84	120289	53.352	ug/l	98
21) trans-1,2-Dichloroethene	5.116	96	116514	54.899	ug/l	95
22) Diisopropyl ether	6.018	45	390892	55.264	ug/l	98
23) Vinyl Acetate	5.957	43	1116342	264.114	ug/l	99
24) 1,1-Dichloroethane	5.915	63	219404	55.035	ug/l	99
25) 2-Butanone	6.890	43	156353	248.469	ug/l	94
26) 2,2-Dichloropropane	6.884	77	143154	39.574	ug/l	97
27) cis-1,2-Dichloroethene	6.890	96	135918	56.083	ug/l	94
28) Bromochloromethane	7.244	49	91822	52.054	ug/l	99
29) Tetrahydrofuran	7.262	42	110172	267.851	ug/l	99
30) Chloroform	7.421	83	229677	56.856	ug/l	97
31) Cyclohexane	7.701	56	176077	45.947	ug/l	98
32) 1,1,1-Trichloroethane	7.616	97	195061	53.050	ug/l	98
36) 1,1-Dichloropropene	7.835	75	155081	49.660	ug/l	100
37) Ethyl Acetate	6.982	43	76792	49.435	ug/l	99
38) Carbon Tetrachloride	7.817	117	172889	49.245	ug/l	97
39) Methylcyclohexane	9.109	83	179781	45.516	ug/l	98
40) Benzene	8.079	78	492805	53.383	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.219	41	39970m	46.021	ug/l	
42) 1,2-Dichloroethane	8.158	62	141256	53.933	ug/l	99
43) Isopropyl Acetate	8.195	43	147609	49.093	ug/l	98
44) Trichloroethene	8.865	130	117497	50.838	ug/l	97
45) 1,2-Dichloropropane	9.140	63	118031	53.129	ug/l	98
46) Dibromomethane	9.231	93	67603	55.670	ug/l	98
47) Bromodichloromethane	9.420	83	177110	54.699	ug/l	99
48) Methyl methacrylate	9.219	41	68657	48.830	ug/l	92
49) 1,4-Dioxane	9.225	88	13976	1035.060	ug/l	90
51) 4-Methyl-2-Pentanone	9.999	43	396229	257.437	ug/l	99
52) Toluene	10.170	92	310182	54.087	ug/l	99
53) t-1,3-Dichloropropene	10.390	75	145797	49.147	ug/l	99
54) cis-1,3-Dichloropropene	9.853	75	173470	49.533	ug/l	99
55) 1,1,2-Trichloroethane	10.572	97	87784	55.490	ug/l	99
56) Ethyl methacrylate	10.438	69	117064	53.554	ug/l	97
57) 1,3-Dichloropropane	10.719	76	154488	55.651	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	258376	246.261	ug/l	100
59) 2-Hexanone	10.761	43	262577	259.766	ug/l	97
60) Dibromochloromethane	10.908	129	118305	54.909	ug/l	98
61) 1,2-Dibromoethane	11.011	107	83124	55.501	ug/l	99
64) Tetrachloroethene	10.646	164	109908	49.942	ug/l	98
65) Chlorobenzene	11.438	112	335274	51.298	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.517	131	118539	51.797	ug/l	99
67) Ethyl Benzene	11.517	91	588147	50.804	ug/l	100
68) m/p-Xylenes	11.627	106	451530	103.694	ug/l	99
69) o-Xylene	11.956	106	214309	52.536	ug/l	99
70) Styrene	11.969	104	364990	53.776	ug/l	100
71) Bromoform	12.133	173	67441	51.512	ug/l #	99
73) Isopropylbenzene	12.255	105	546761	48.836	ug/l	100
74) N-amyl acetate	12.072	43	133839	47.031	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.505	83	101333	51.284	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	73689m	49.434	ug/l	
77) Bromobenzene	12.529	156	131969	50.677	ug/l	99
78) n-propylbenzene	12.596	91	673854	49.599	ug/l	100
79) 2-Chlorotoluene	12.682	91	391087	50.158	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	460201	50.117	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	27006	40.268	ug/l	95
82) 4-Chlorotoluene	12.779	91	405427	50.161	ug/l	100
83) tert-Butylbenzene	12.999	119	406370	48.992	ug/l	100
84) 1,2,4-Trimethylbenzene	13.041	105	463737	50.779	ug/l	100
85) sec-Butylbenzene	13.176	105	588438	48.567	ug/l	100
86) p-Isopropyltoluene	13.291	119	489393	48.374	ug/l	99
87) 1,3-Dichlorobenzene	13.285	146	261031	50.673	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	256010	50.308	ug/l	100
89) n-Butylbenzene	13.621	91	445383	46.782	ug/l	99
90) Hexachloroethane	13.883	117	105196	49.780	ug/l	97
91) 1,2-Dichlorobenzene	13.657	146	231661	51.330	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.279	75	15198	48.622	ug/l	99
93) 1,2,4-Trichlorobenzene	14.925	180	127543	46.302	ug/l	98
94) Hexachlorobutadiene	15.023	225	74774	43.118	ug/l	99
95) Naphthalene	15.145	128	220957	48.428	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	110845	47.627	ug/l	98

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Response via : Initial Calibration

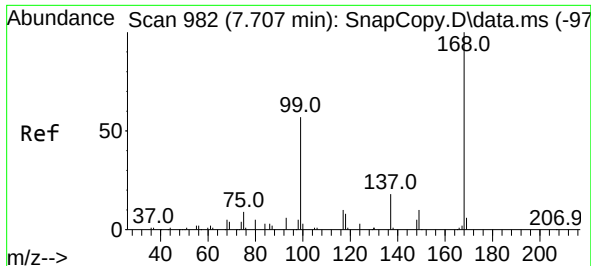
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations

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[illegible]



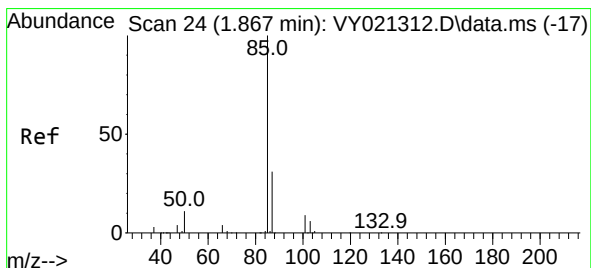
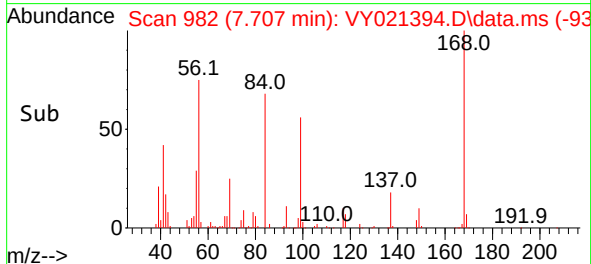
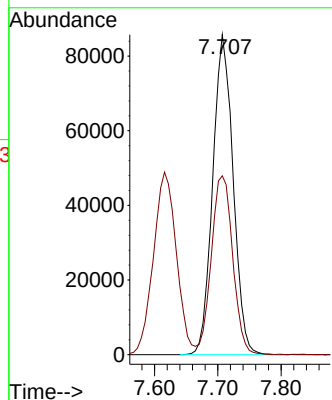
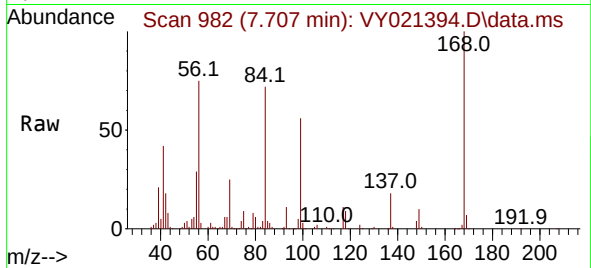
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021394.D
Acq: 28 Feb 2025 20:35

Instrument :
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ClientSampleId :
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Tgt Ion:168 Resp: 191604
Ion Ratio Lower Upper
168 100
99 55.8 47.1 70.7

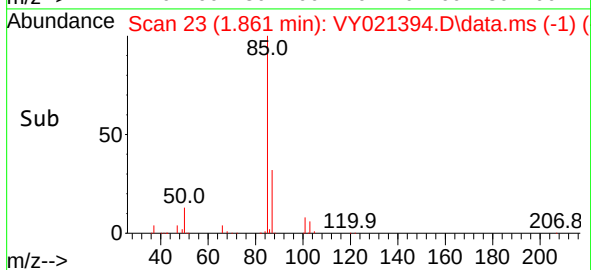
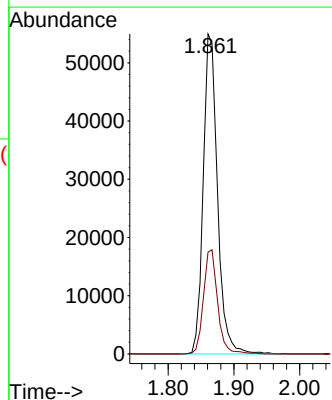
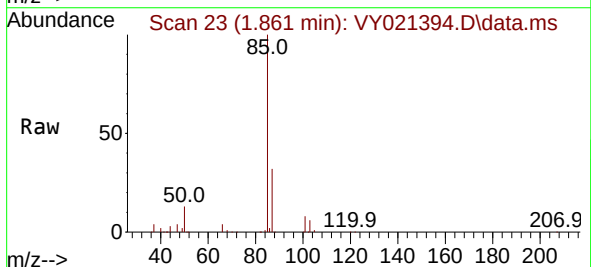
Manual Integrations
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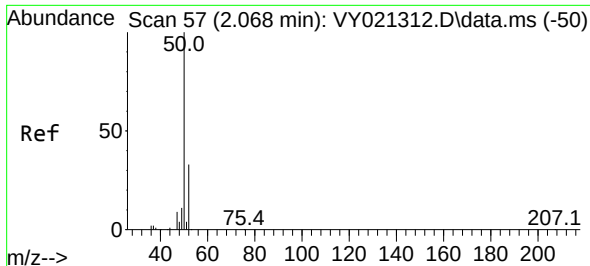
Reviewed By :John Carlone 03/03/2025
Supervised By :Mahesh Dadoda 03/03/2025



#2
Dichlorodifluoromethane
Concen: 45.585 ug/l
RT: 1.861 min Scan# 23
Delta R.T. -0.006 min
Lab File: VY021394.D
Acq: 28 Feb 2025 20:35

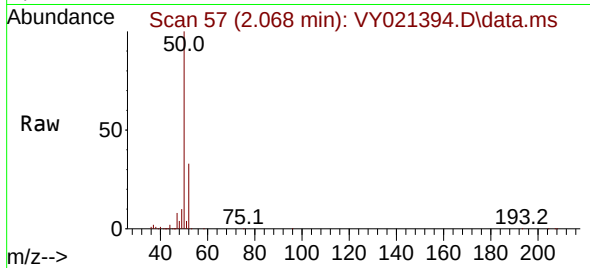
Tgt Ion: 85 Resp: 82811
Ion Ratio Lower Upper
85 100
87 31.9 15.4 46.4





#3
Chloromethane
Concen: 59.182 ug/l
RT: 2.068 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY021394.D
Acq: 28 Feb 2025 20:35

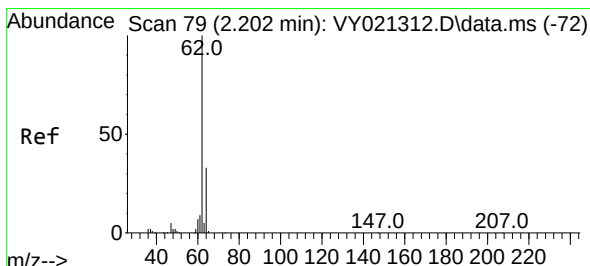
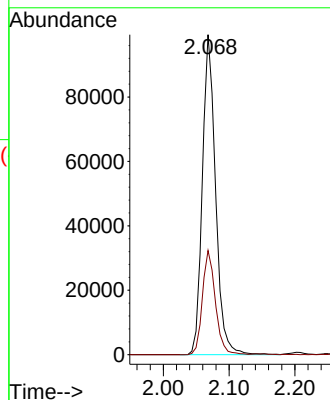
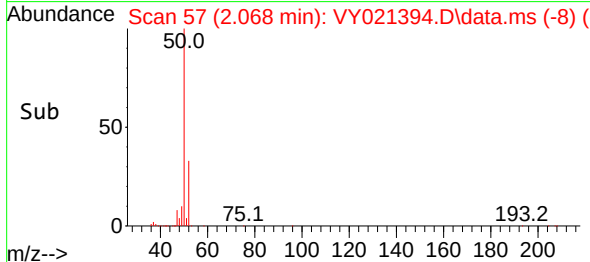
Instrument :
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VSTDCCC050EC



Tgt Ion: 50 Resp: 13884
Ion Ratio Lower Upper
50 100
52 32.6 26.6 40.0

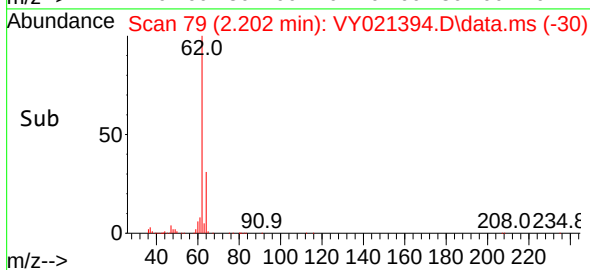
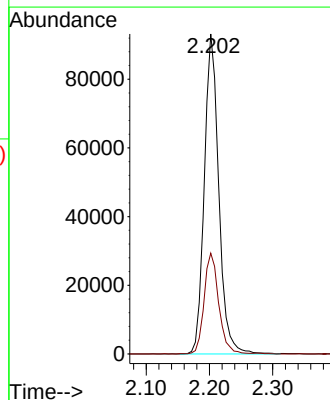
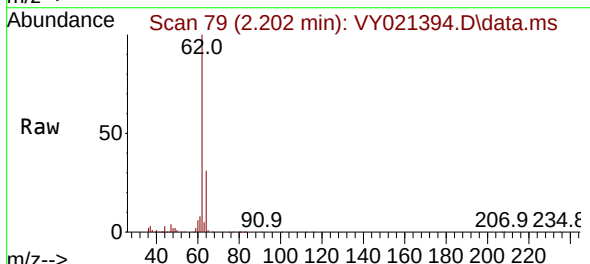
Manual Integrations
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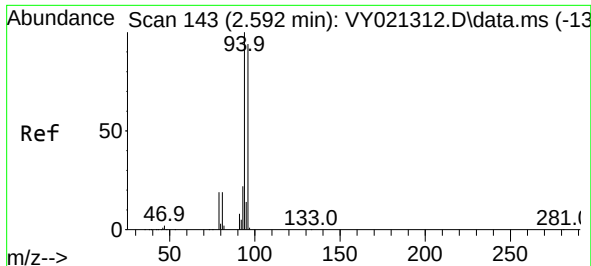
Reviewed By :John Carlone 03/03/2025
Supervised By :Mahesh Dadoda 03/03/2025



#4
Vinyl Chloride
Concen: 64.443 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.000 min
Lab File: VY021394.D
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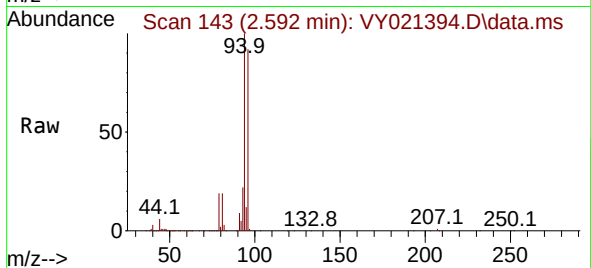
Tgt Ion: 62 Resp: 148397
Ion Ratio Lower Upper
62 100
64 31.5 26.3 39.5





#5
Bromomethane
Concen: 66.509 ug/l
RT: 2.592 min Scan# 143
Delta R.T. -0.000 min
Lab File: VY021394.D
Acq: 28 Feb 2025 20:35

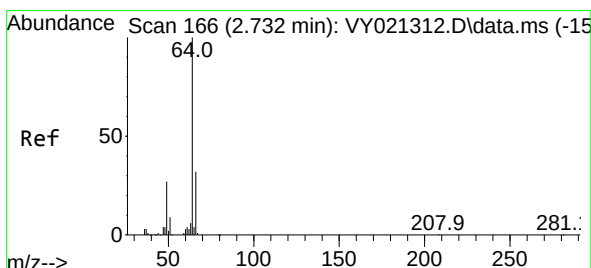
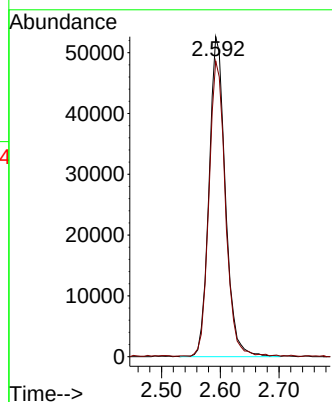
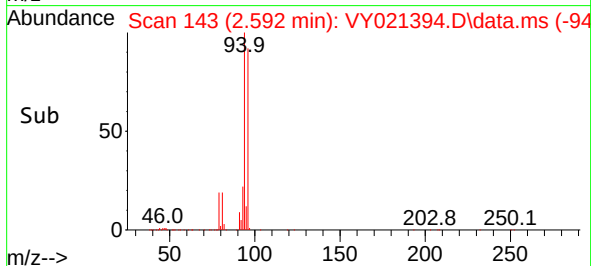
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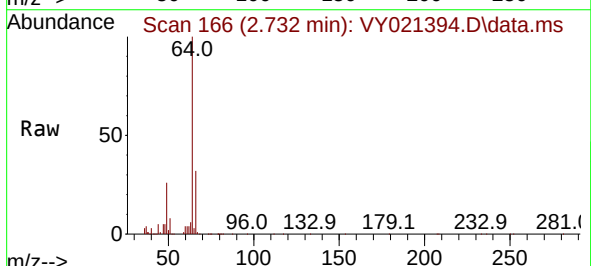
Tgt Ion: 94 Resp: 101775
Ion Ratio Lower Upper
94 100
96 92.2 75.2 112.8

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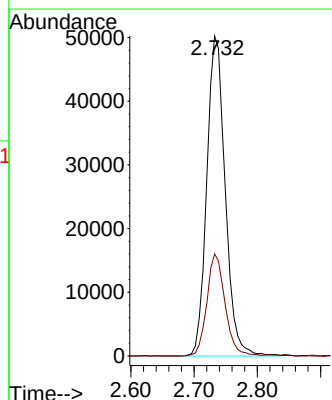
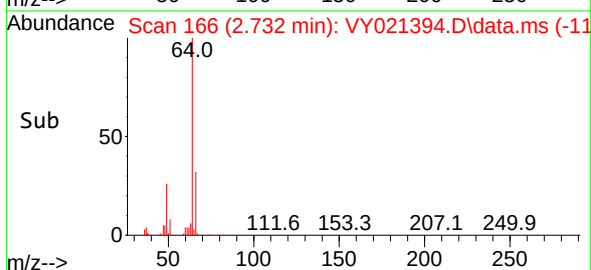
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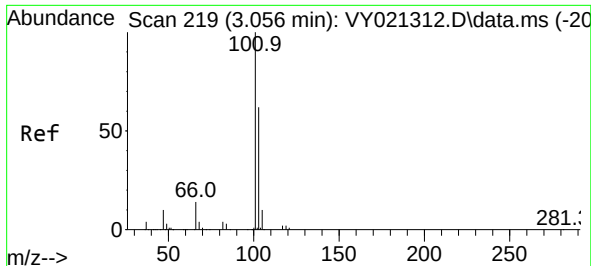


#6
Chloroethane
Concen: 71.292 ug/l
RT: 2.732 min Scan# 166
Delta R.T. -0.000 min
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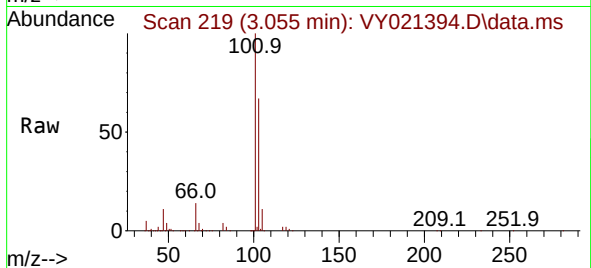
Tgt Ion: 64 Resp: 101805
Ion Ratio Lower Upper
64 100
66 31.9 25.4 38.0





#7
Trichlorofluoromethane
Concen: 52.956 ug/l
RT: 3.055 min Scan# 219
Delta R.T. -0.000 min
Lab File: VY021394.D
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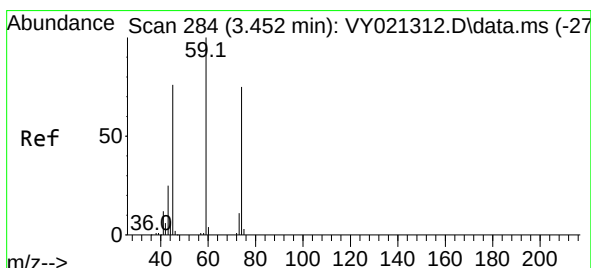
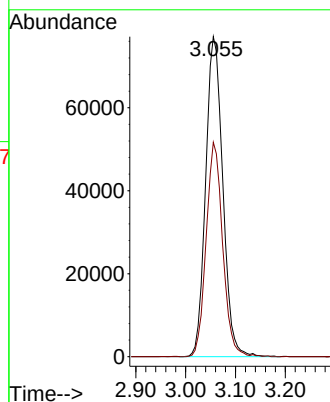
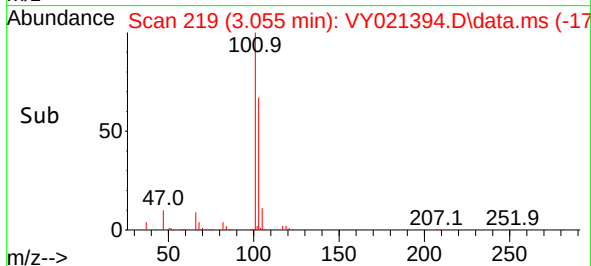
Instrument :
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Tgt Ion:101 Resp: 18416
Ion Ratio Lower Upper
101 100
103 67.0 49.7 74.5

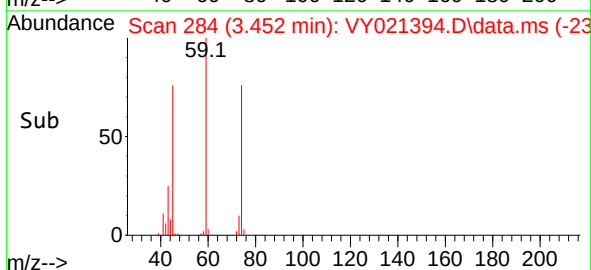
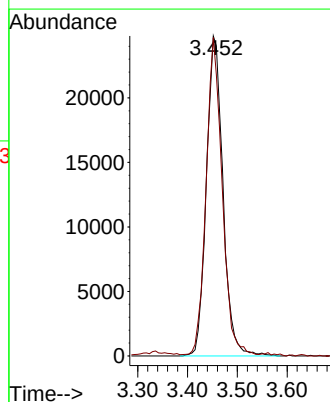
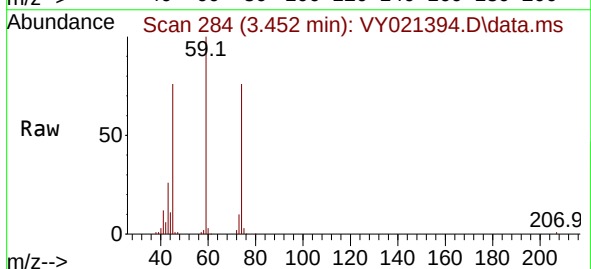
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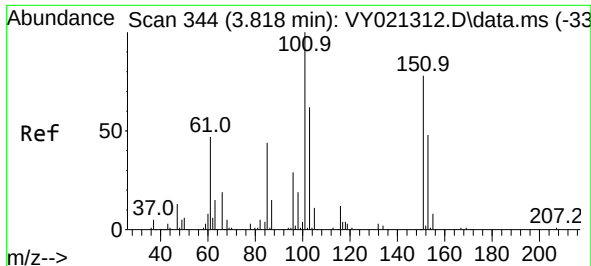
Reviewed By :John Carlone 03/03/2025
Supervised By :Mahesh Dadoda 03/03/2025



#8
Diethyl Ether
Concen: 54.819 ug/l
RT: 3.452 min Scan# 284
Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 57220
Ion Ratio Lower Upper
74 100
45 95.8 50.3 150.9





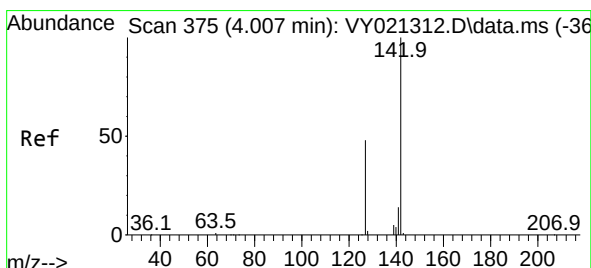
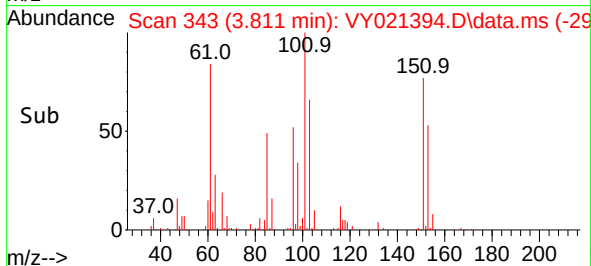
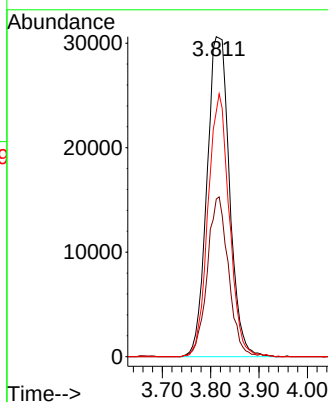
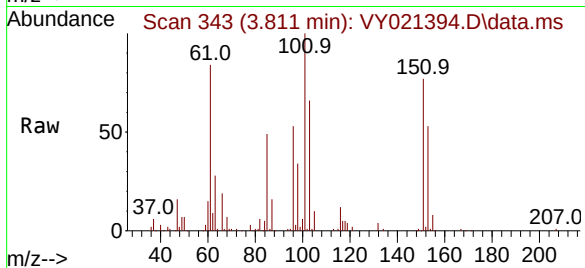
#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.394 ug/l
RT: 3.811 min Scan# 344
Delta R.T. -0.006 min
Lab File: VY021394.D
Acq: 28 Feb 2025 20:35

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 99452
Ion Ratio Lower Upper
101 100
85 47.2 36.7 55.1
151 77.2 62.6 94.0

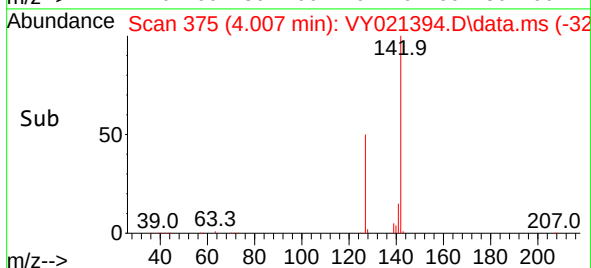
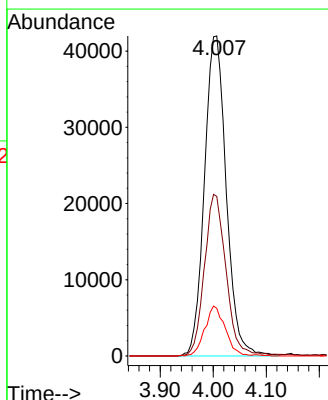
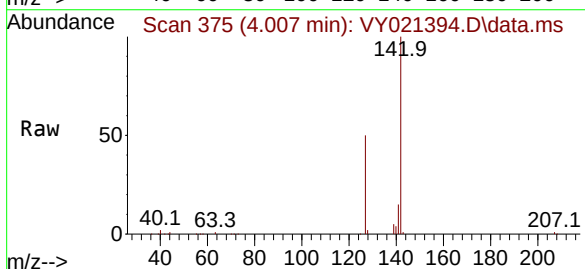
Manual Integrations
APPROVED

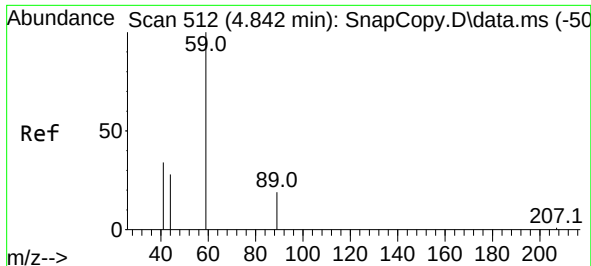
Reviewed By :John Carlone 03/03/2025
Supervised By :Mahesh Dadoda 03/03/2025



#10
Methyl Iodide
Concen: 56.639 ug/l
RT: 4.007 min Scan# 375
Delta R.T. -0.000 min
Lab File: VY021394.D
Acq: 28 Feb 2025 20:35

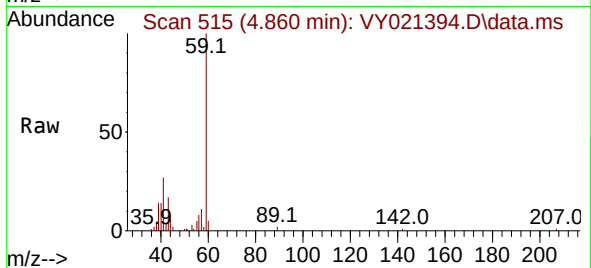
Tgt Ion:142 Resp: 119978
Ion Ratio Lower Upper
142 100
127 50.0 39.2 58.8
141 14.6 11.4 17.2





#11
Tert butyl alcohol
Concen: 206.175 ug/l
RT: 4.860 min Scan# 512
Delta R.T. 0.006 min
Lab File: VY021394.D
Acq: 28 Feb 2025 20:35

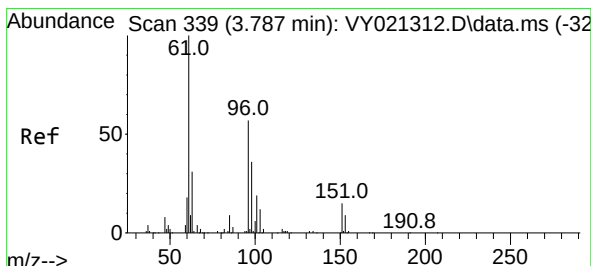
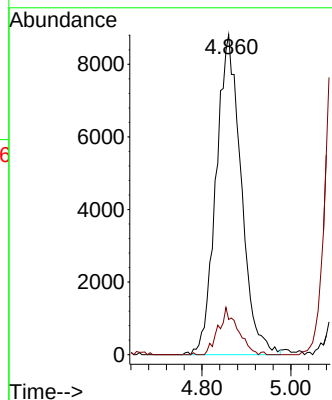
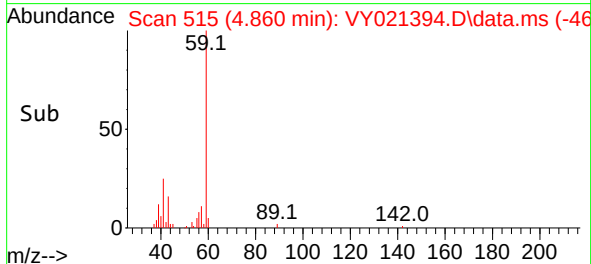
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 59 Resp: 34470
Ion Ratio Lower Upper
59 100
57 11.3 8.3 12.5

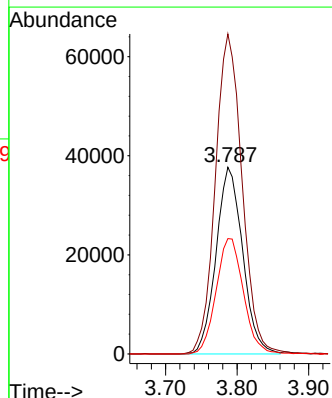
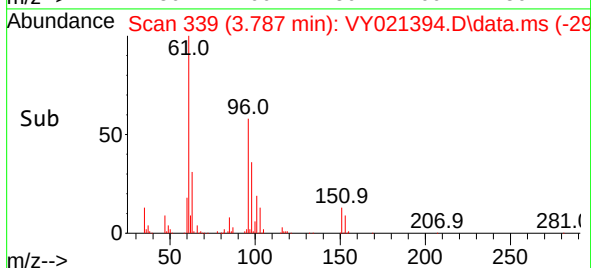
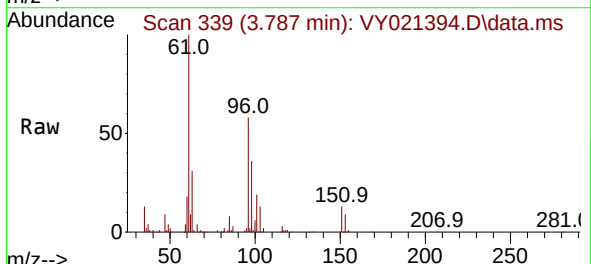
Manual Integrations
APPROVED

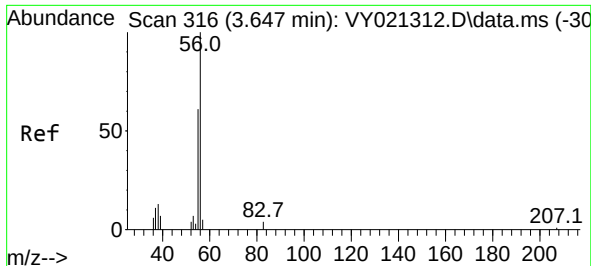
Reviewed By :John Carlone 03/03/2025
Supervised By :Mahesh Dadoda 03/03/2025



#12
1,1-Dichloroethene
Concen: 50.555 ug/l
RT: 3.787 min Scan# 339
Delta R.T. -0.000 min
Lab File: VY021394.D
Acq: 28 Feb 2025 20:35

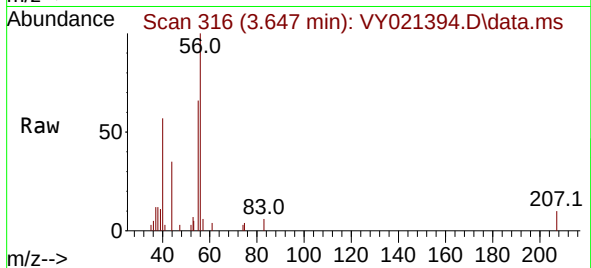
Tgt Ion: 96 Resp: 97465
Ion Ratio Lower Upper
96 100
61 171.4 139.7 209.5
98 61.8 49.7 74.5





#13
Acrolein
Concen: 35.272 ug/l
RT: 3.647 min Scan# 316
Delta R.T. -0.000 min
Lab File: VY021394.D
Acq: 28 Feb 2025 20:35

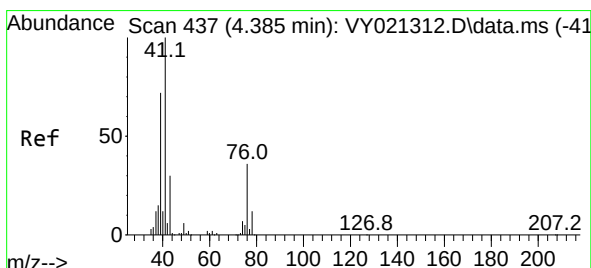
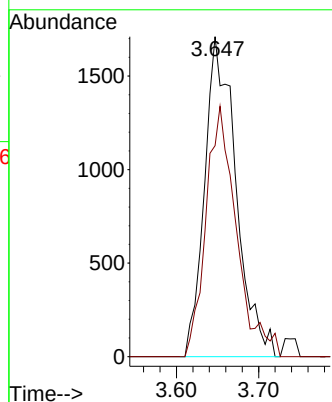
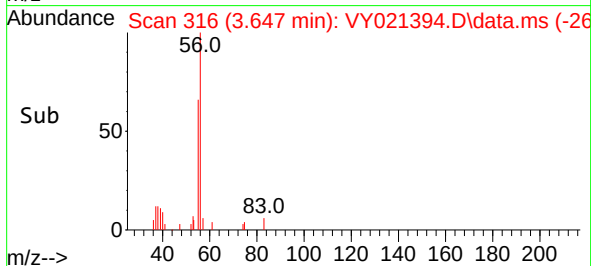
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 4519
Ion Ratio Lower Upper
56 100
55 76.1 59.0 88.6

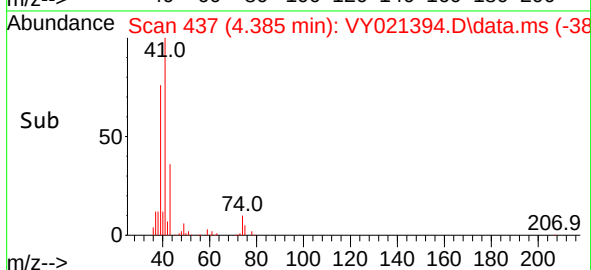
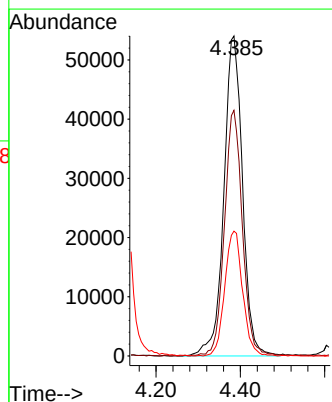
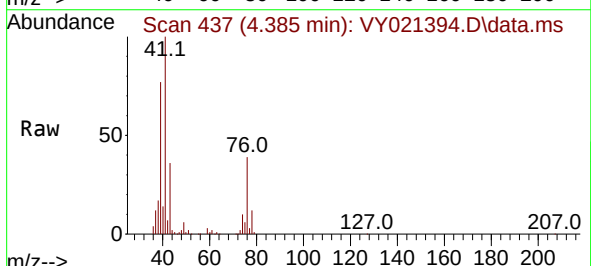
Manual Integrations
APPROVED

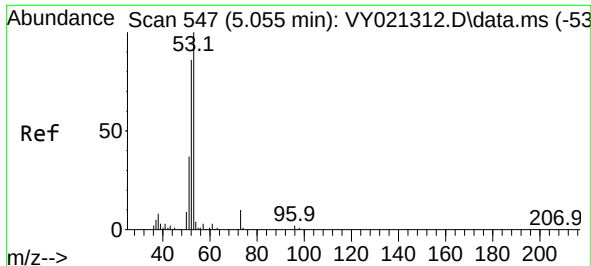
Reviewed By :John Carlone 03/03/2025
Supervised By :Mahesh Dadoda 03/03/2025



#14
Allyl chloride
Concen: 48.418 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.000 min
Lab File: VY021394.D
Acq: 28 Feb 2025 20:35

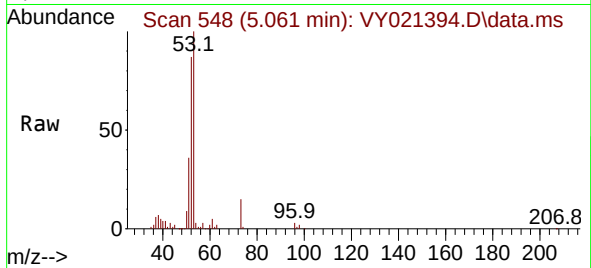
Tgt Ion: 41 Resp: 165497
Ion Ratio Lower Upper
41 100
39 73.9 60.0 90.0
76 37.5 29.0 43.6





#15
Acrylonitrile
Concen: 271.276 ug/l
RT: 5.061 min Scan# 547
Delta R.T. 0.006 min
Lab File: VY021394.D
Acq: 28 Feb 2025 20:35

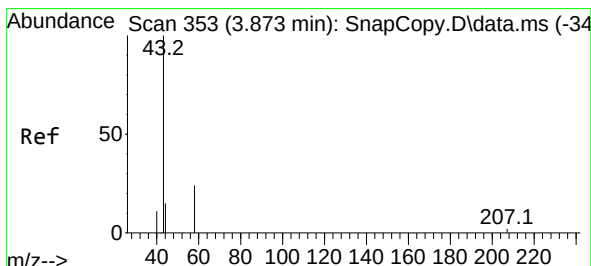
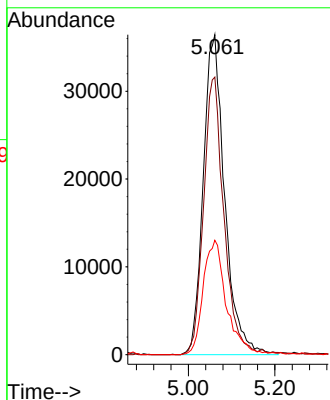
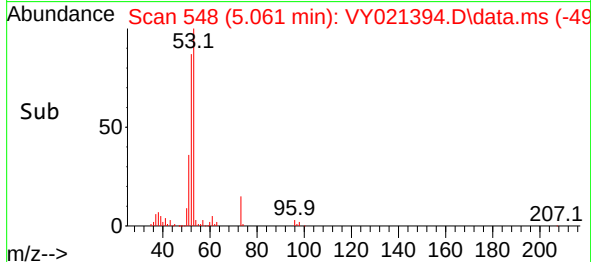
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 125193
Ion Ratio Lower Upper
53 100
52 82.2 65.5 98.3
51 39.0 30.6 46.0

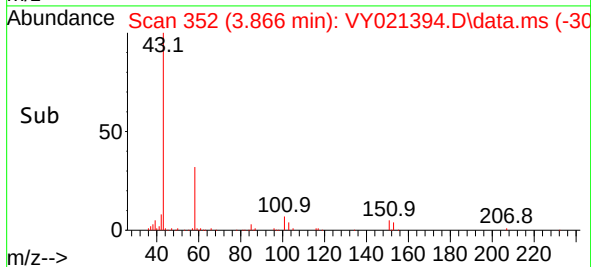
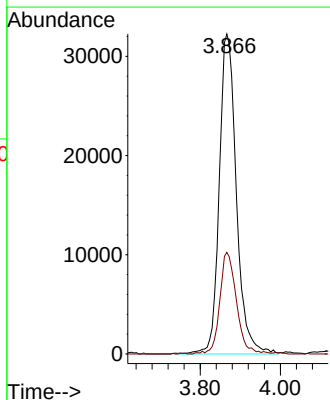
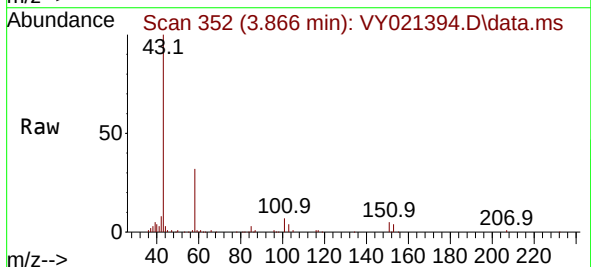
Manual Integrations
APPROVED

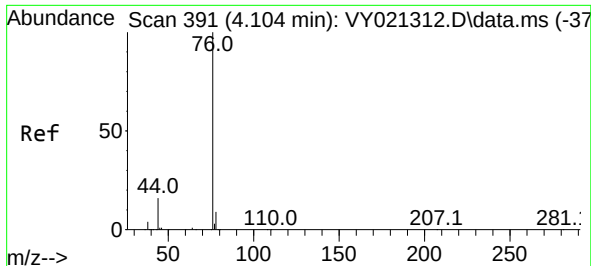
Reviewed By :John Carlone 03/03/2025
Supervised By :Mahesh Dadoda 03/03/2025



#16
Acetone
Concen: 228.885 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.000 min
Lab File: VY021394.D
Acq: 28 Feb 2025 20:35

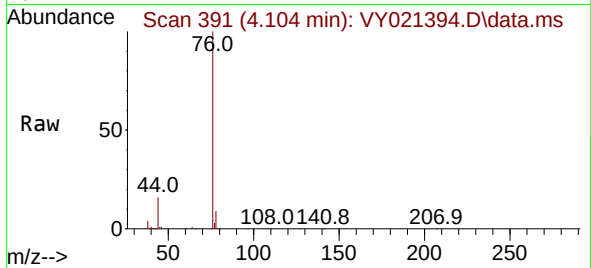
Tgt Ion: 43 Resp: 95432
Ion Ratio Lower Upper
43 100
58 31.6 23.5 35.3





#17
Carbon Disulfide
Concen: 51.192 ug/l
RT: 4.104 min Scan# 391
Delta R.T. -0.000 min
Lab File: VY021394.D
Acq: 28 Feb 2025 20:35

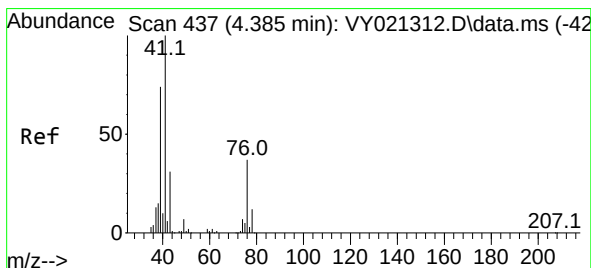
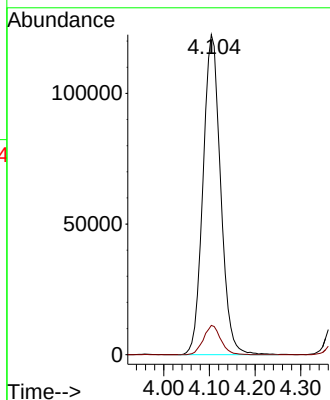
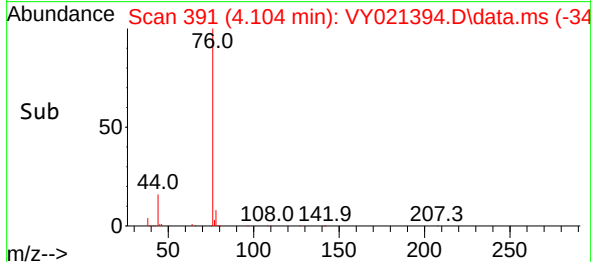
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



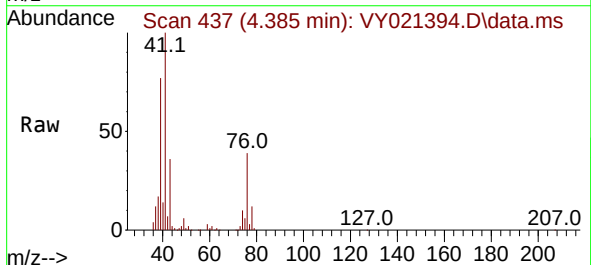
Tgt Ion: 76 Resp: 327715
Ion Ratio Lower Upper
76 100
78 9.2 7.1 10.7

Manual Integrations
APPROVED

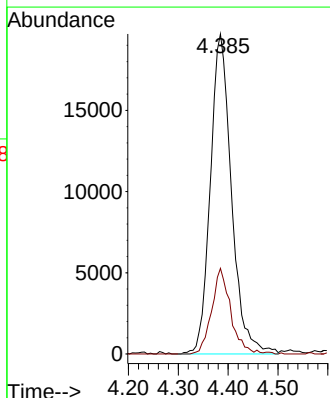
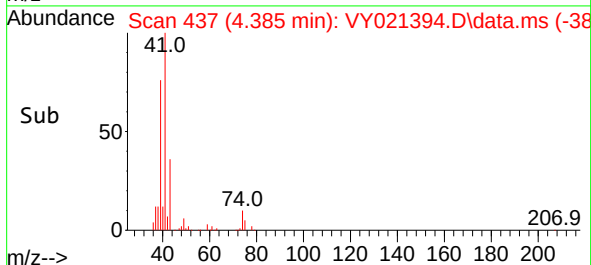
Reviewed By :John Carlone 03/03/2025
Supervised By :Mahesh Dadoda 03/03/2025

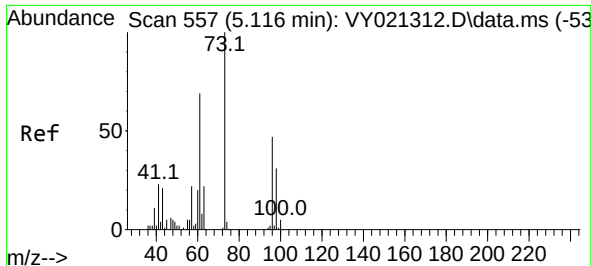


#18
Methyl Acetate
Concen: 56.983 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.000 min
Lab File: VY021394.D
Acq: 28 Feb 2025 20:35



Tgt Ion: 43 Resp: 58063
Ion Ratio Lower Upper
43 100
74 24.0 17.7 26.5





#19

Methyl tert-butyl Ether

Concen: 53.658 ug/l

RT: 5.116 min Scan# 51

Delta R.T. -0.000 min

Lab File: VY021394.D

Acq: 28 Feb 2025 20:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 73 Resp: 27331

Ion Ratio Lower Upper

73 100

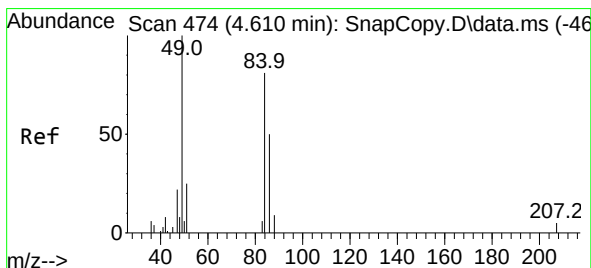
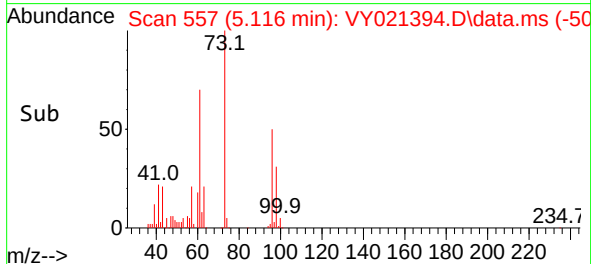
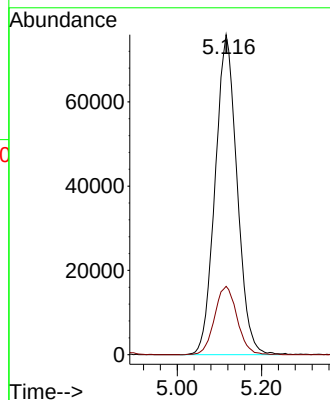
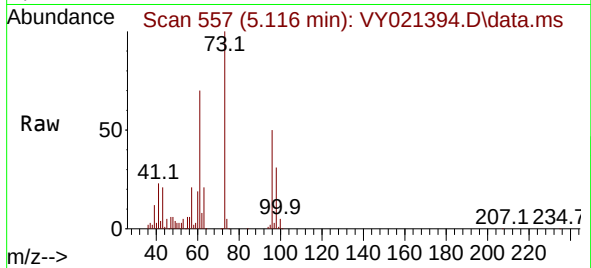
57 21.4 17.4 26.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/03/2025

Supervised By :Mahesh Dadoda 03/03/2025



#20

Methylene Chloride

Concen: 53.352 ug/l

RT: 4.616 min Scan# 475

Delta R.T. 0.006 min

Lab File: VY021394.D

Acq: 28 Feb 2025 20:35

Tgt Ion: 84 Resp: 120289

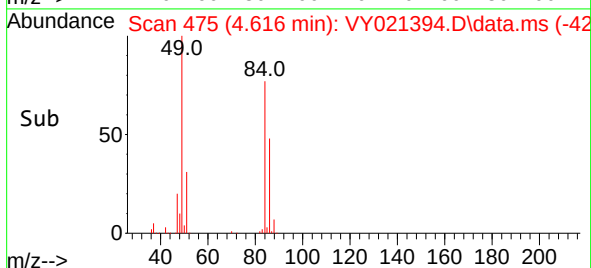
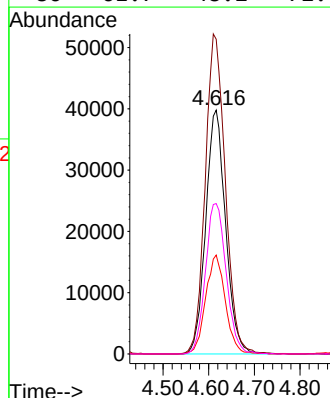
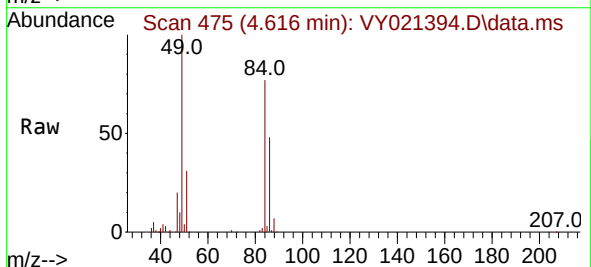
Ion Ratio Lower Upper

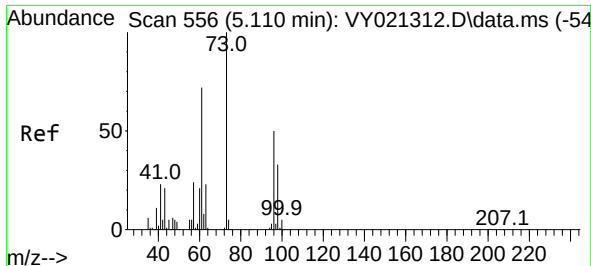
84 100

49 128.9 105.1 157.7

51 40.6 31.0 46.4

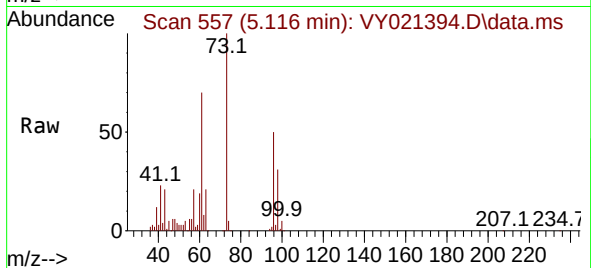
86 61.7 48.2 72.4





#21
trans-1,2-Dichloroethene
Concen: 54.899 ug/l
RT: 5.116 min Scan# 511
Delta R.T. 0.006 min
Lab File: VY021394.D
Acq: 28 Feb 2025 20:35

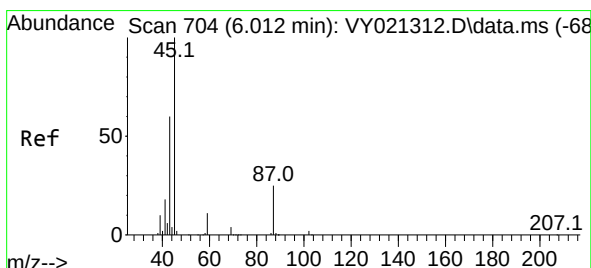
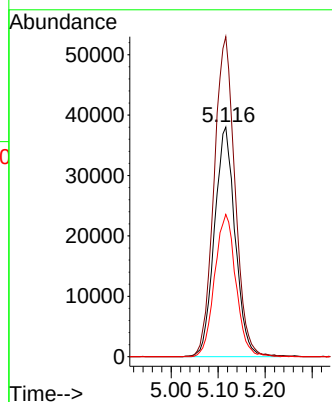
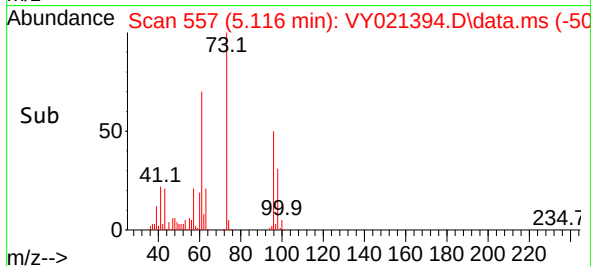
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 116514
Ion Ratio Lower Upper
96 100
61 139.4 116.3 174.5
98 61.9 52.6 78.8

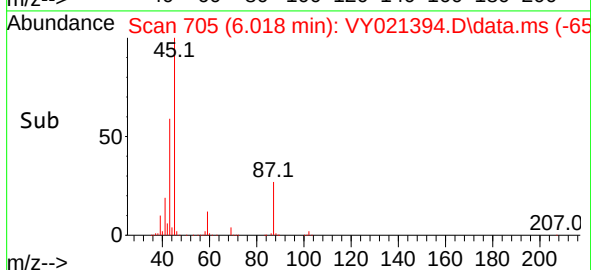
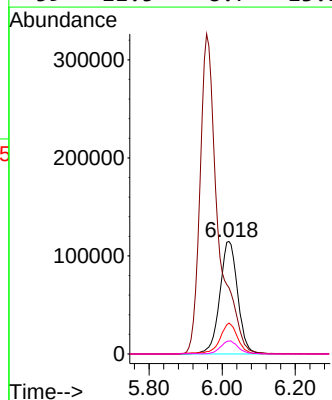
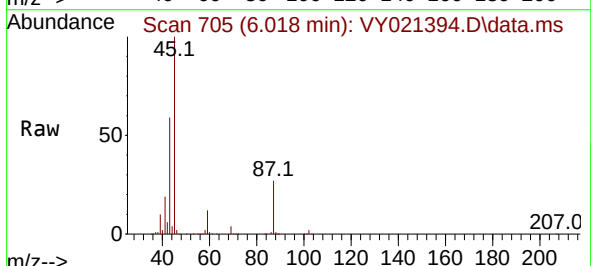
Manual Integrations
APPROVED

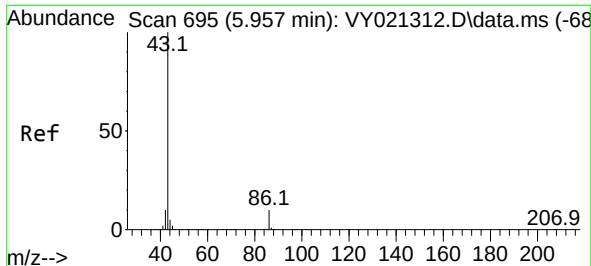
Reviewed By :John Carlone 03/03/2025
Supervised By :Mahesh Dadoda 03/03/2025



#22
Diisopropyl ether
Concen: 55.264 ug/l
RT: 6.018 min Scan# 705
Delta R.T. 0.006 min
Lab File: VY021394.D
Acq: 28 Feb 2025 20:35

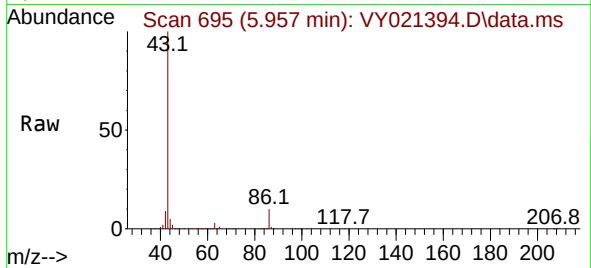
Tgt Ion: 45 Resp: 390892
Ion Ratio Lower Upper
45 100
43 58.9 48.2 72.4
87 27.4 20.3 30.5
59 11.5 8.7 13.1





#23
 Vinyl Acetate
 Concen: 264.114 ug/l
 RT: 5.957 min Scan# 695
 Delta R.T. -0.000 min
 Lab File: VY021394.D
 Acq: 28 Feb 2025 20:35

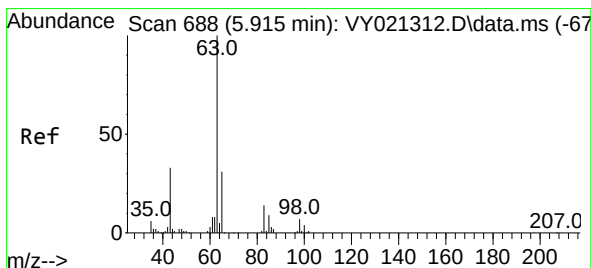
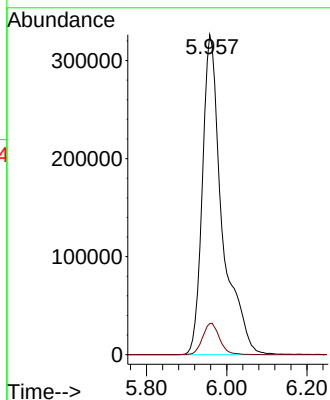
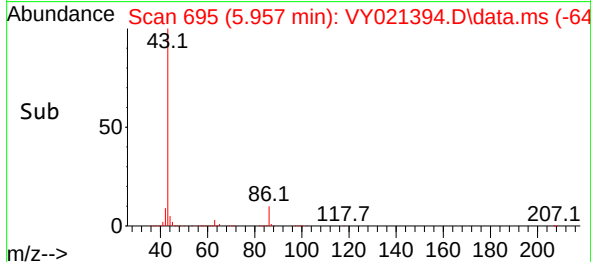
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC



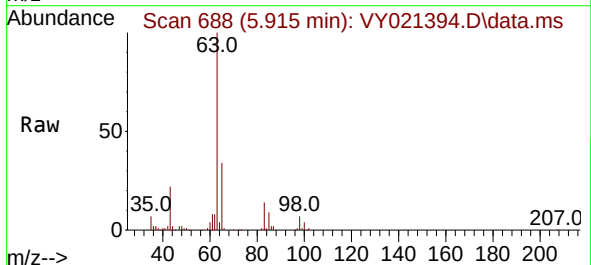
Tgt Ion: 43 Resp: 111634
 Ion Ratio Lower Upper
 43 100
 86 9.7 8.0 12.0

Manual Integrations
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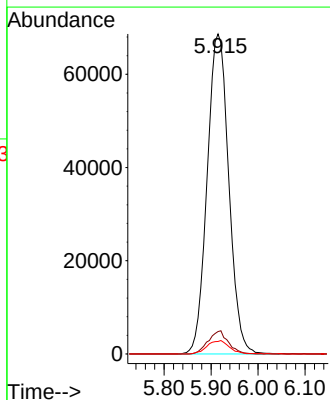
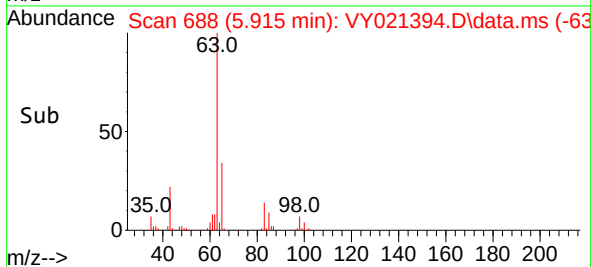
Reviewed By :John Carlone 03/03/2025
 Supervised By :Mahesh Dadoda 03/03/2025

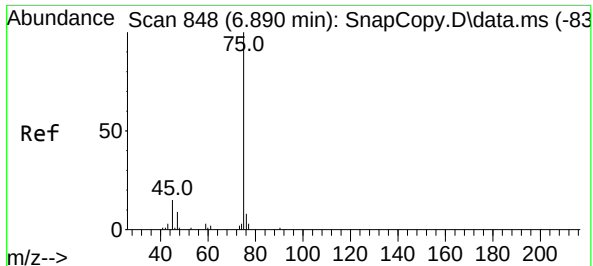


#24
 1,1-Dichloroethane
 Concen: 55.035 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY021394.D
 Acq: 28 Feb 2025 20:35



Tgt Ion: 63 Resp: 219404
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.7 11.1
 100 3.9 2.1 6.5





#25

2-Butanone

Concen: 248.469 ug/l

RT: 6.890 min Scan# 848

Delta R.T. -0.000 min

Lab File: VY021394.D

Acq: 28 Feb 2025 20:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 15635

Ion Ratio Lower Upper

43 100

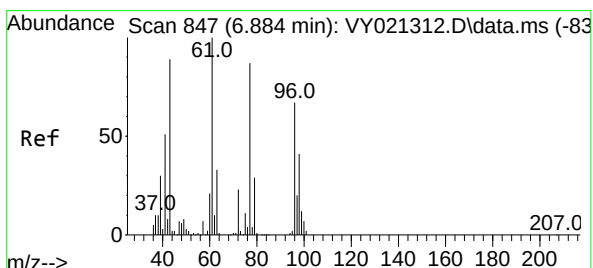
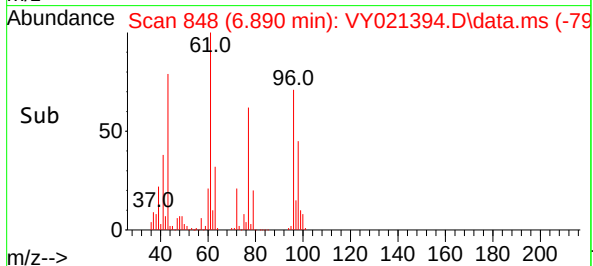
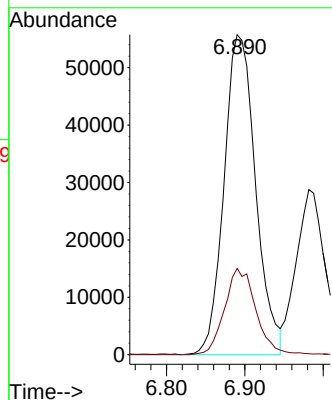
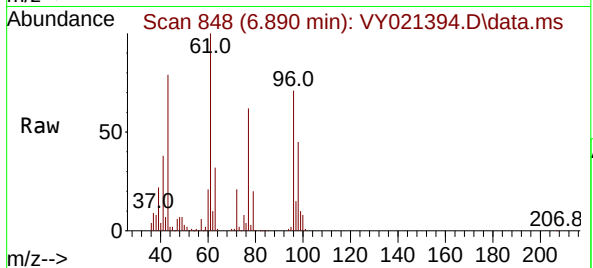
72 27.0 19.0 28.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/03/2025

Supervised By :Mahesh Dadoda 03/03/2025



#26

2,2-Dichloropropane

Concen: 39.574 ug/l

RT: 6.884 min Scan# 847

Delta R.T. -0.000 min

Lab File: VY021394.D

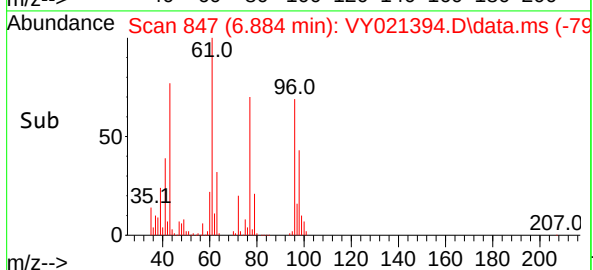
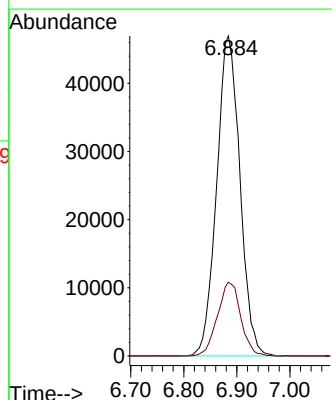
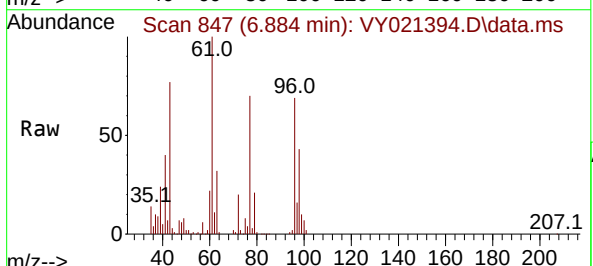
Acq: 28 Feb 2025 20:35

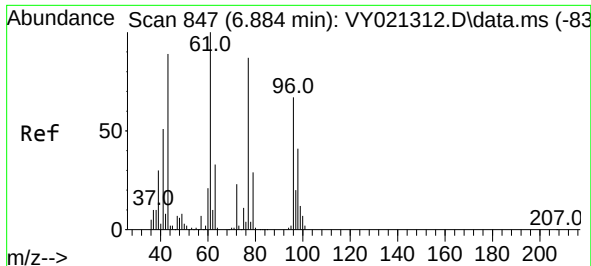
Tgt Ion: 77 Resp: 143154

Ion Ratio Lower Upper

77 100

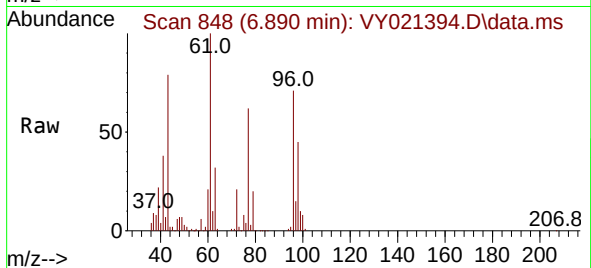
97 23.0 10.9 32.7





#27
 cis-1,2-Dichloroethene
 Concen: 56.083 ug/l
 RT: 6.890 min Scan# 847
 Delta R.T. 0.006 min
 Lab File: VY021394.D
 Acq: 28 Feb 2025 20:35

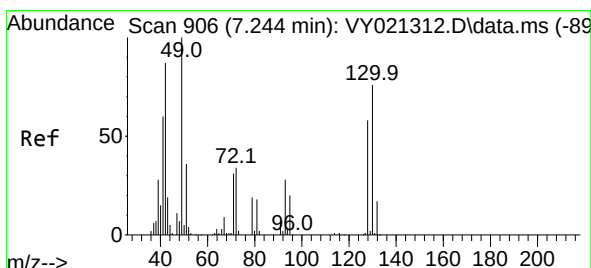
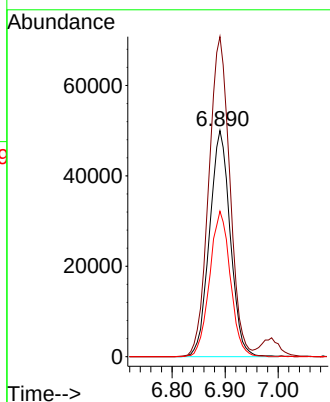
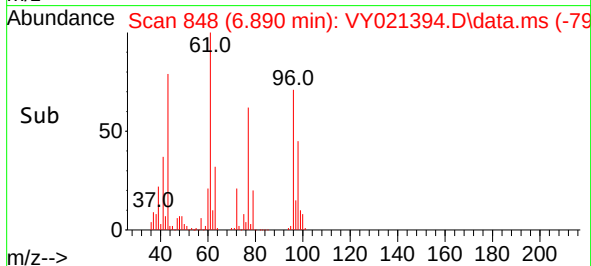
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 135918
 Ion Ratio Lower Upper
 96 100
 61 143.7 0.0 308.0
 98 64.2 0.0 129.6

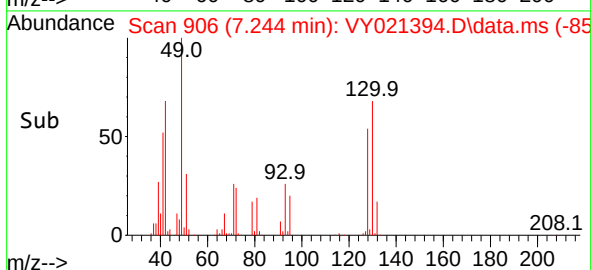
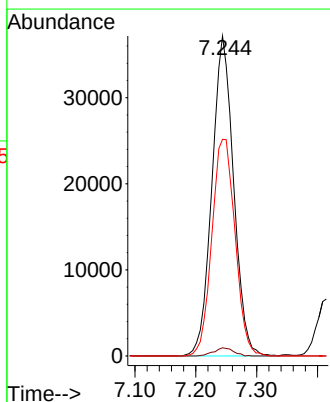
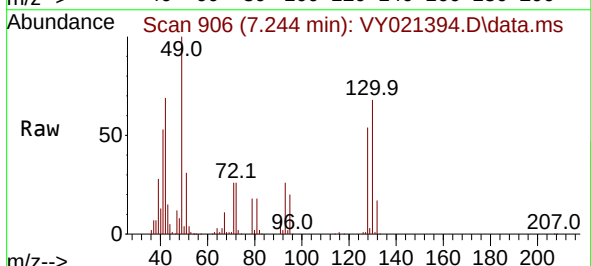
Manual Integrations
 APPROVED

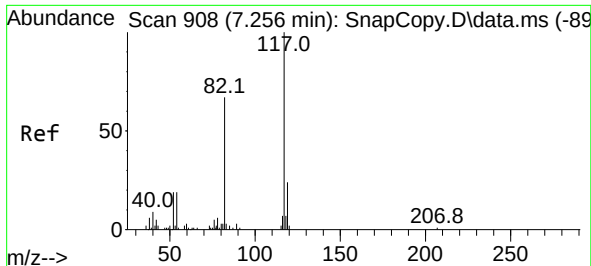
Reviewed By :John Carlone 03/03/2025
 Supervised By :Mahesh Dadoda 03/03/2025



#28
 Bromochloromethane
 Concen: 52.054 ug/l
 RT: 7.244 min Scan# 906
 Delta R.T. -0.000 min
 Lab File: VY021394.D
 Acq: 28 Feb 2025 20:35

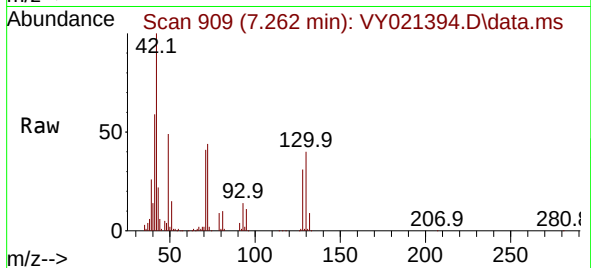
Tgt Ion: 49 Resp: 91822
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 4.0
 130 72.6 57.8 86.6





#29
Tetrahydrofuran
Concen: 267.851 ug/l
RT: 7.262 min Scan# 908
Delta R.T. 0.006 min
Lab File: VY021394.D
Acq: 28 Feb 2025 20:35

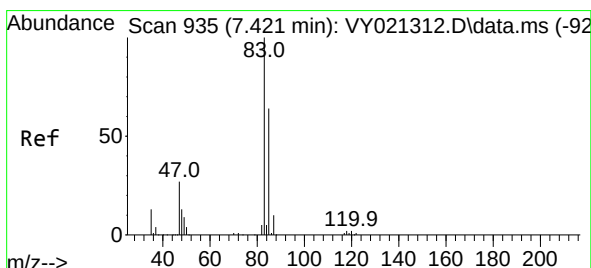
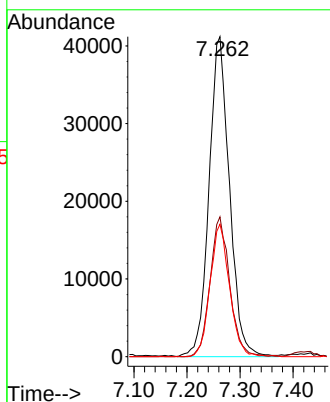
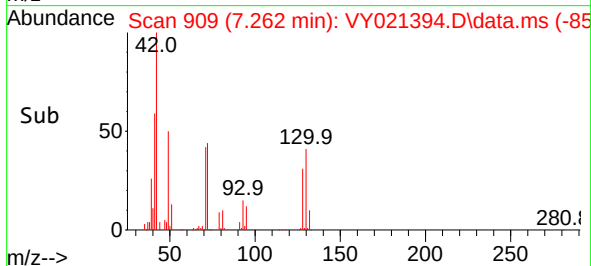
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 42 Resp: 110172
Ion Ratio Lower Upper
42 100
72 42.1 33.1 49.7
71 39.4 31.4 47.0

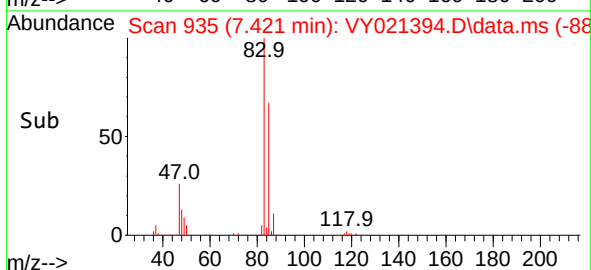
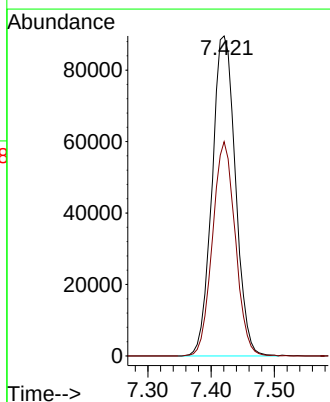
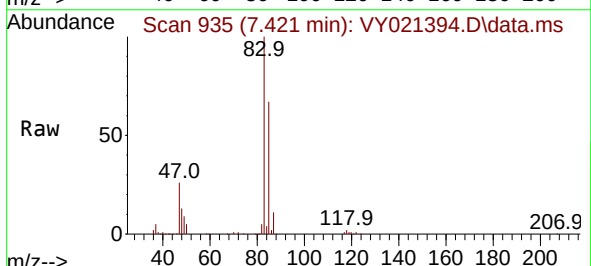
Manual Integrations
APPROVED

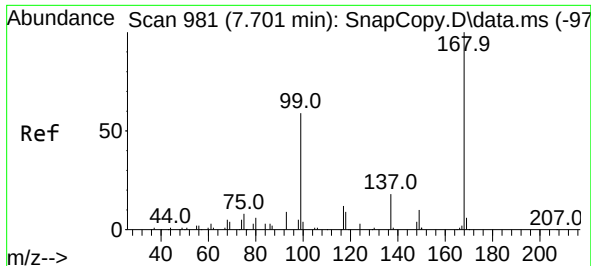
Reviewed By :John Carlone 03/03/2025
Supervised By :Mahesh Dadoda 03/03/2025



#30
Chloroform
Concen: 56.856 ug/l
RT: 7.421 min Scan# 935
Delta R.T. -0.000 min
Lab File: VY021394.D
Acq: 28 Feb 2025 20:35

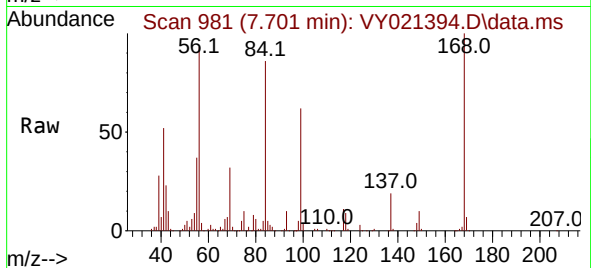
Tgt Ion: 83 Resp: 229677
Ion Ratio Lower Upper
83 100
85 67.0 51.6 77.4





#31
Cyclohexane
Concen: 45.947 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY021394.D
Acq: 28 Feb 2025 20:35

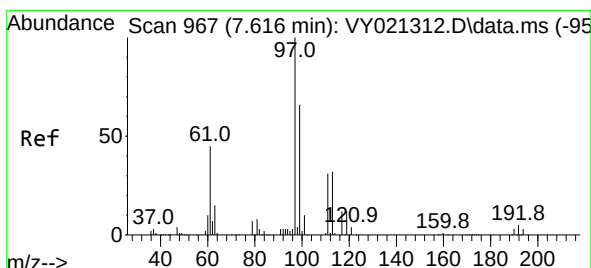
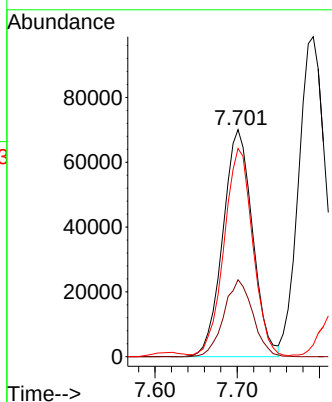
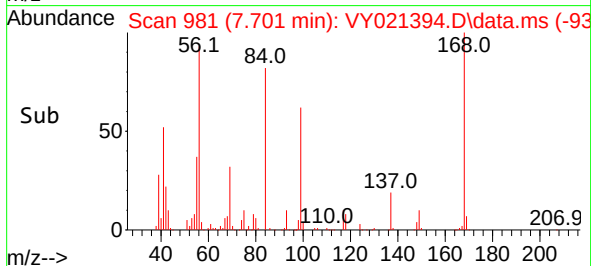
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 17607
Ion Ratio Lower Upper
56 100
69 33.9 26.2 39.4
84 90.3 70.2 105.4

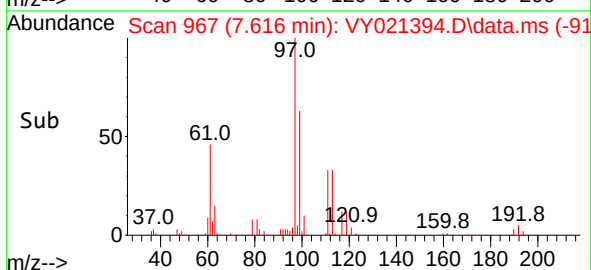
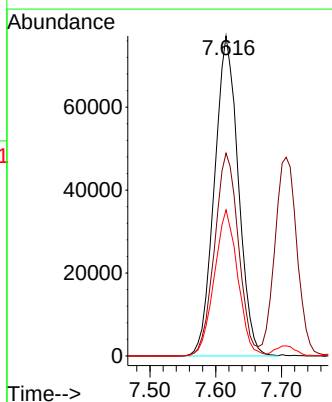
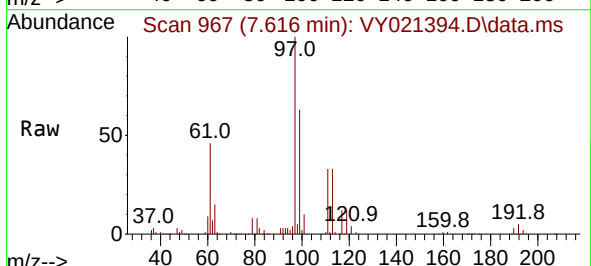
Manual Integrations
APPROVED

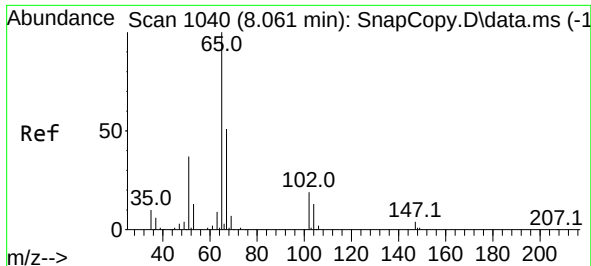
Reviewed By :John Carlone 03/03/2025
Supervised By :Mahesh Dadoda 03/03/2025



#32
1,1,1-Trichloroethane
Concen: 53.050 ug/l
RT: 7.616 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY021394.D
Acq: 28 Feb 2025 20:35

Tgt Ion: 97 Resp: 195061
Ion Ratio Lower Upper
97 100
99 63.6 52.4 78.6
61 44.9 36.2 54.2





#33

1,2-Dichloroethane-d4

Concen: 55.557 ug/l

RT: 8.061 min Scan# 1107

Delta R.T. -0.000 min

Lab File: VY021394.D

Acq: 28 Feb 2025 20:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 12075

Ion Ratio Lower Upper

65 100

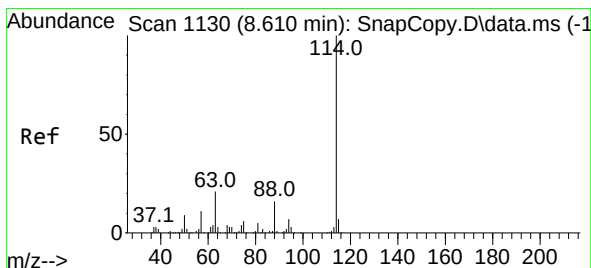
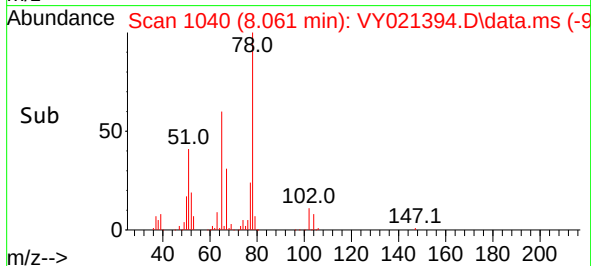
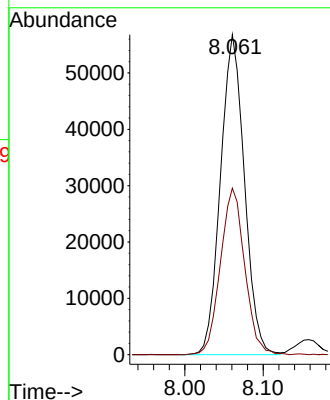
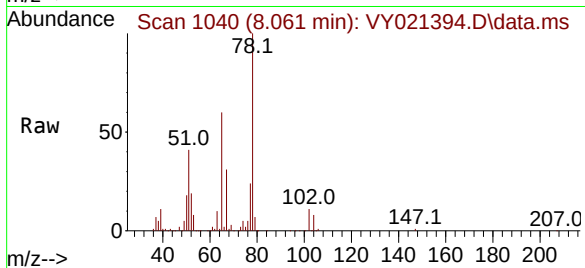
67 52.7 0.0 103.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/03/2025

Supervised By :Mahesh Dadoda 03/03/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.615 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY021394.D

Acq: 28 Feb 2025 20:35

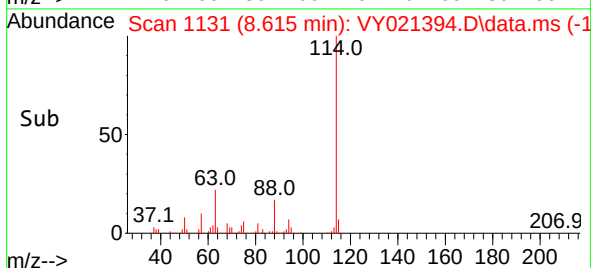
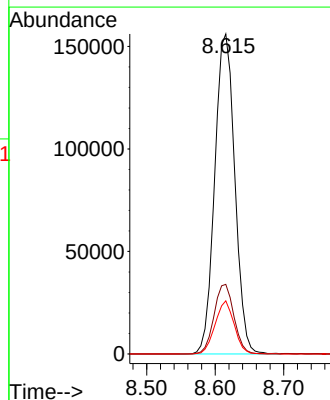
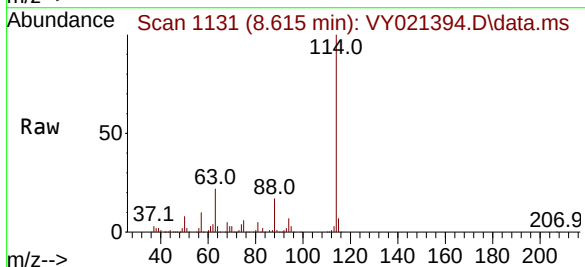
Tgt Ion:114 Resp: 317108

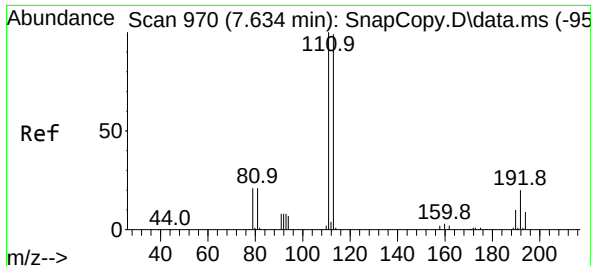
Ion Ratio Lower Upper

114 100

63 21.8 0.0 42.2

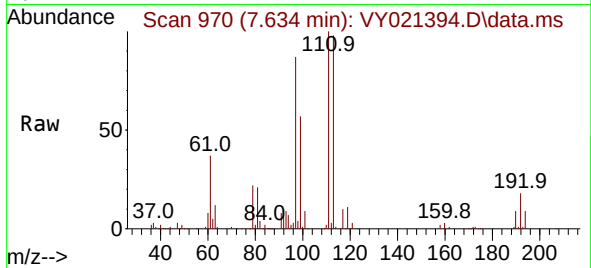
88 16.6 0.0 29.8





#35
Dibromofluoromethane
Concen: 54.455 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY021394.D
Acq: 28 Feb 2025 20:35

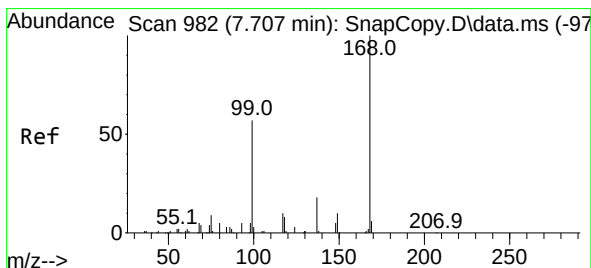
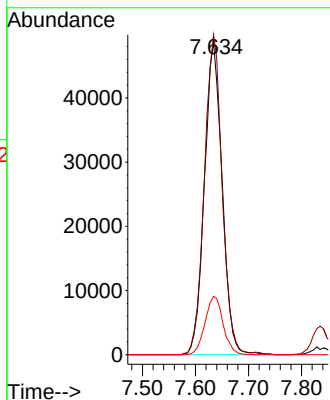
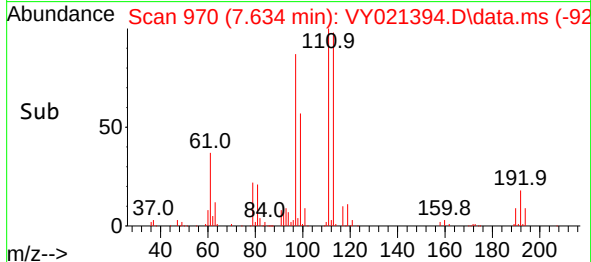
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



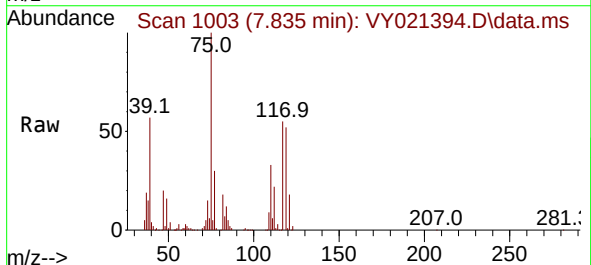
Tgt Ion:113 Resp: 11321
Ion Ratio Lower Upper
113 100
111 102.4 81.0 121.6
192 19.0 15.8 23.8

Manual Integrations
APPROVED

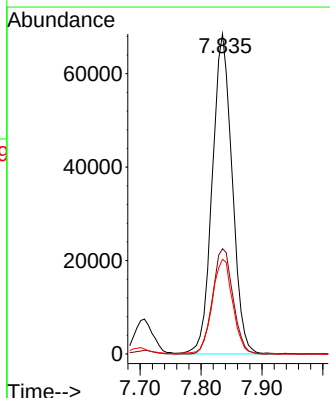
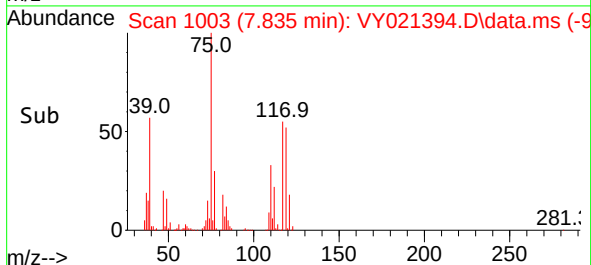
Reviewed By :John Carlone 03/03/2025
Supervised By :Mahesh Dadoda 03/03/2025

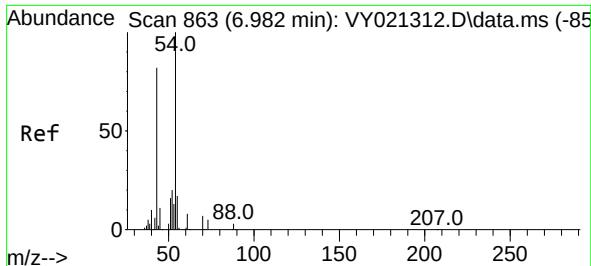


#36
1,1-Dichloropropene
Concen: 49.660 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. -0.000 min
Lab File: VY021394.D
Acq: 28 Feb 2025 20:35



Tgt Ion: 75 Resp: 155081
Ion Ratio Lower Upper
75 100
110 33.7 16.9 50.7
77 30.6 24.6 36.8





#37

Ethyl Acetate

Concen: 49.435 ug/l

RT: 6.982 min Scan# 80

Delta R.T. -0.000 min

Lab File: VY021394.D

Acq: 28 Feb 2025 20:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

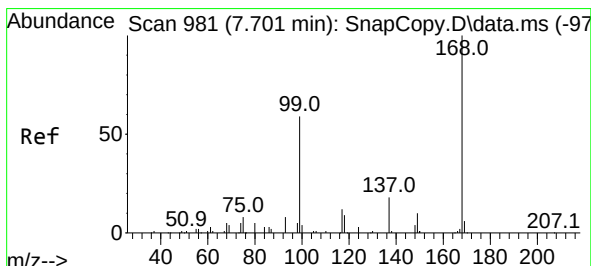
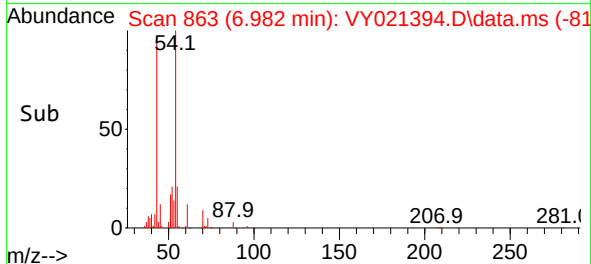
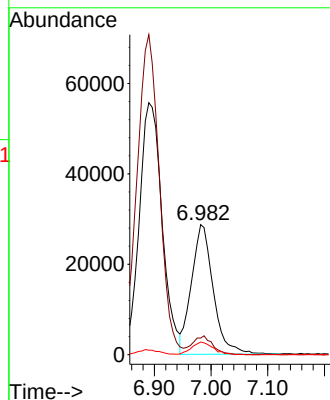
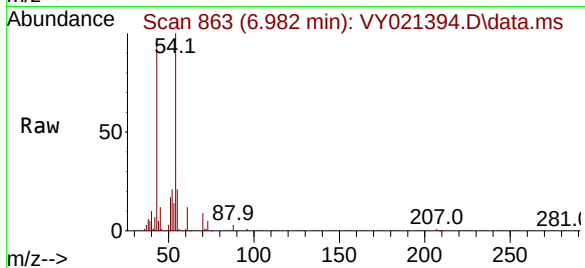
Tgt Ion: 43 Resp: 76792
 Ion Ratio Lower Upper
 43 100
 61 13.7 10.4 15.6
 70 9.5 7.5 11.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/03/2025

Supervised By :Mahesh Dadoda 03/03/2025



#38

Carbon Tetrachloride

Concen: 49.245 ug/l

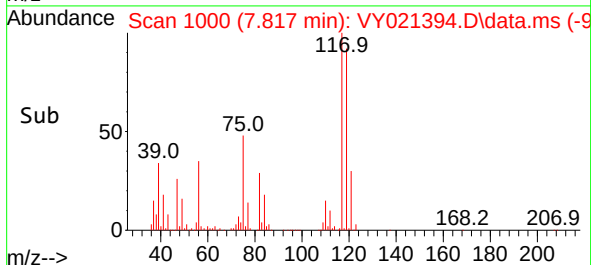
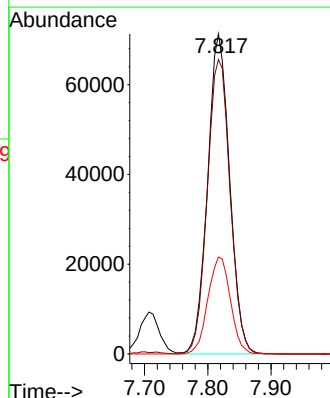
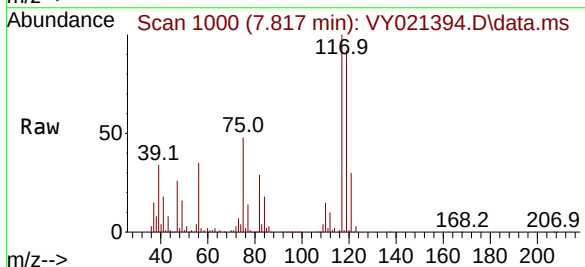
RT: 7.817 min Scan# 1000

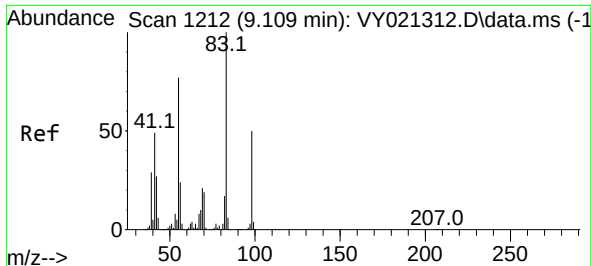
Delta R.T. -0.000 min

Lab File: VY021394.D

Acq: 28 Feb 2025 20:35

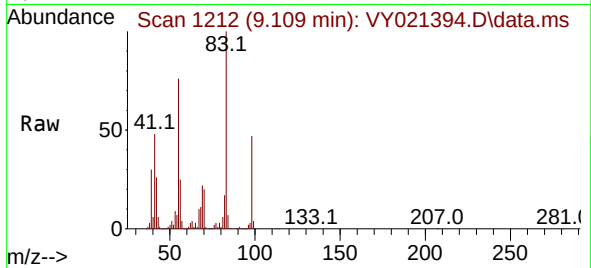
Tgt Ion:117 Resp: 172889
 Ion Ratio Lower Upper
 117 100
 119 92.0 76.0 114.0
 121 30.3 24.9 37.3





#39
Methylcyclohexane
Concen: 45.516 ug/l
RT: 9.109 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY021394.D
Acq: 28 Feb 2025 20:35

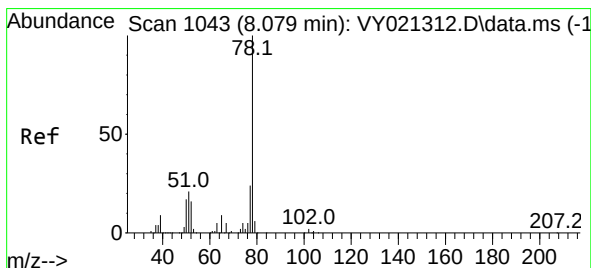
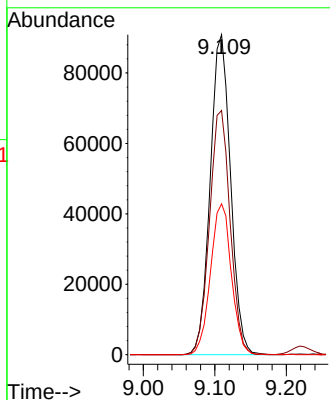
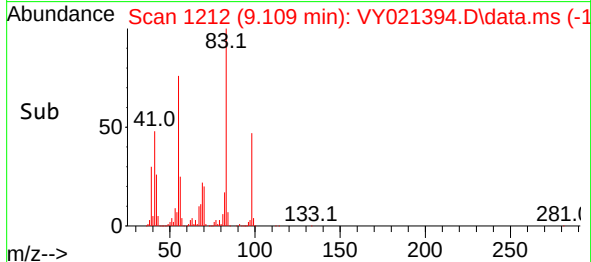
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 17978
Ion Ratio Lower Upper
83 100
55 76.3 61.3 91.9
98 47.2 39.9 59.9

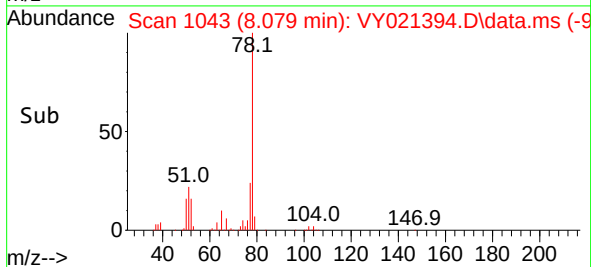
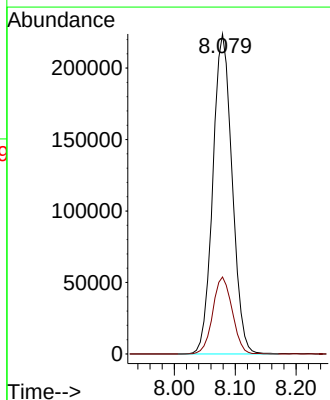
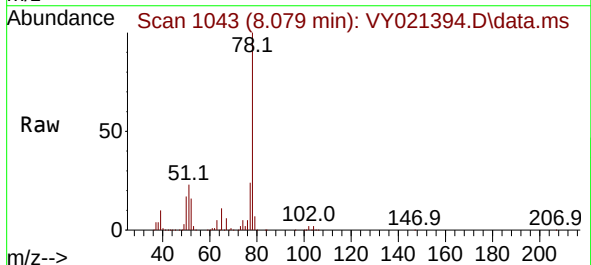
Manual Integrations
APPROVED

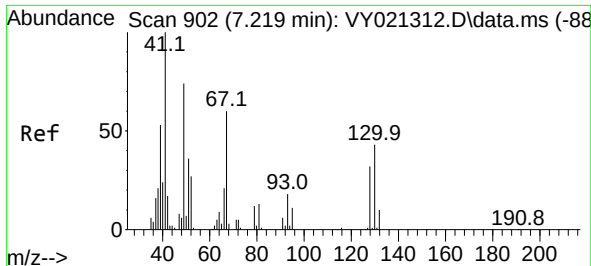
Reviewed By :John Carlone 03/03/2025
Supervised By :Mahesh Dadoda 03/03/2025



#40
Benzene
Concen: 53.383 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. -0.000 min
Lab File: VY021394.D
Acq: 28 Feb 2025 20:35

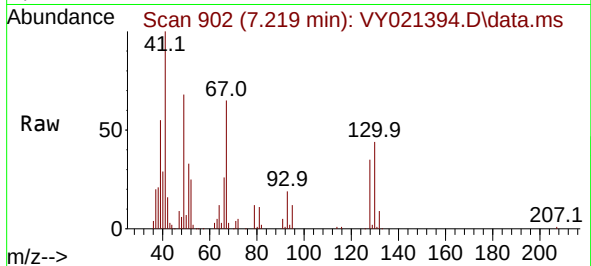
Tgt Ion: 78 Resp: 492805
Ion Ratio Lower Upper
78 100
77 24.1 19.2 28.8





#41
Methacrylonitrile
Concen: 46.021 ug/l m
RT: 7.219 min Scan# 902
Delta R.T. -0.000 min
Lab File: VY021394.D
Acq: 28 Feb 2025 20:35

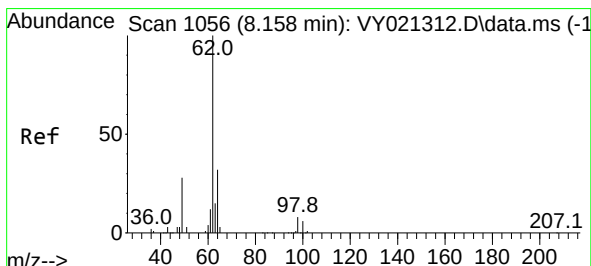
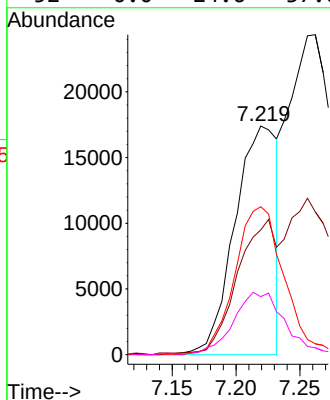
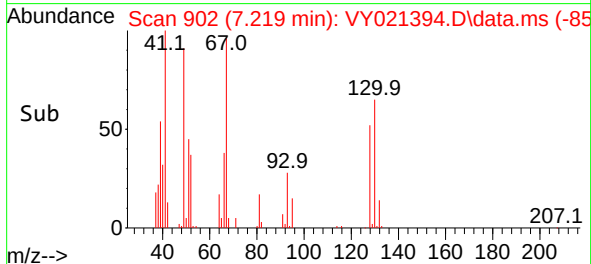
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 39970
Ion Ratio Lower Upper
41 100
39 70.3 42.3 63.5
67 0.0 54.8 82.2
52 0.0 24.6 37.0

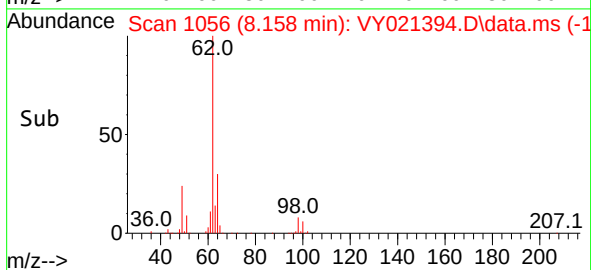
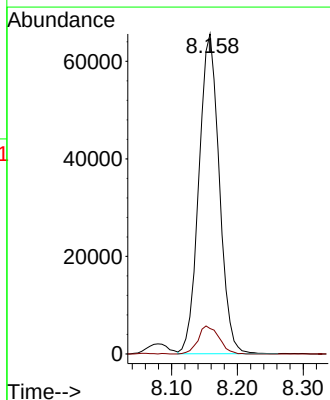
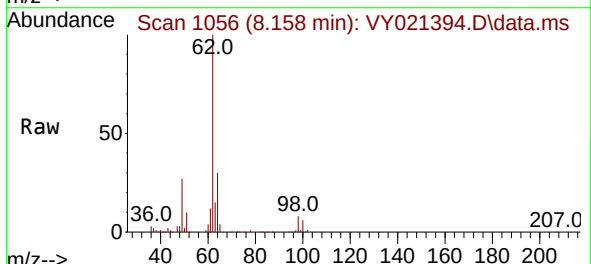
Manual Integrations
APPROVED

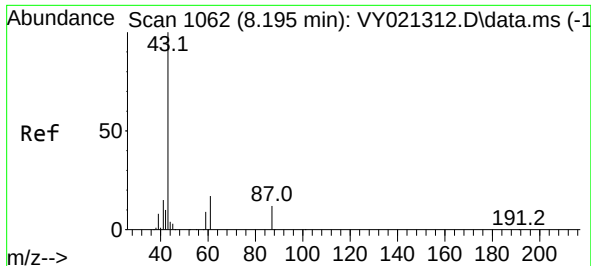
Reviewed By :John Carlone 03/03/2025
Supervised By :Mahesh Dadoda 03/03/2025



#42
1,2-Dichloroethane
Concen: 53.933 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VY021394.D
Acq: 28 Feb 2025 20:35

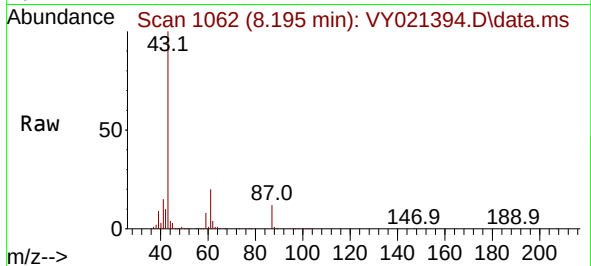
Tgt Ion: 62 Resp: 141256
Ion Ratio Lower Upper
62 100
98 9.0 0.0 17.6





#43
Isopropyl Acetate
Concen: 49.093 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. -0.000 min
Lab File: VY021394.D
Acq: 28 Feb 2025 20:35

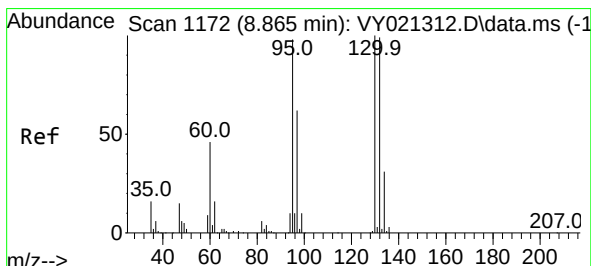
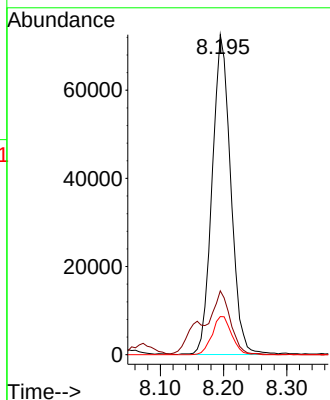
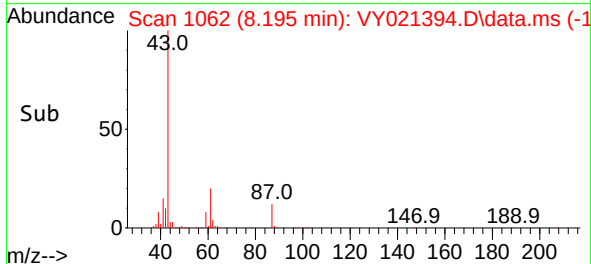
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 147609
Ion Ratio Lower Upper
43 100
61 19.9 15.0 22.6
87 12.6 10.0 15.0

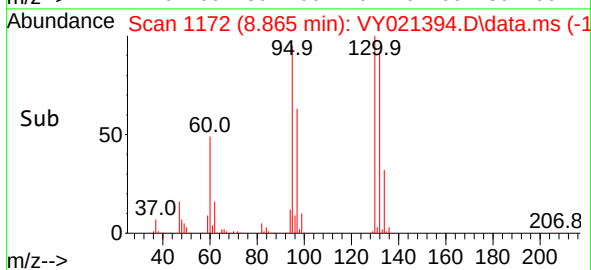
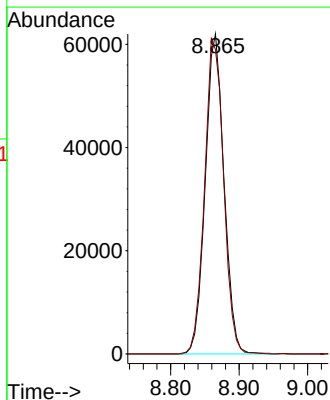
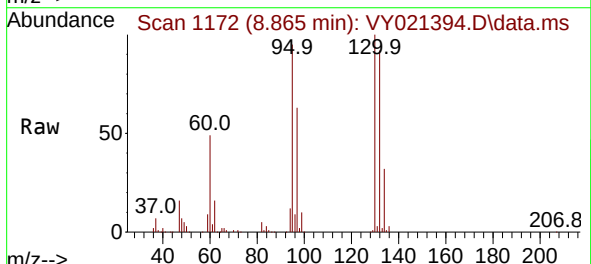
Manual Integrations
APPROVED

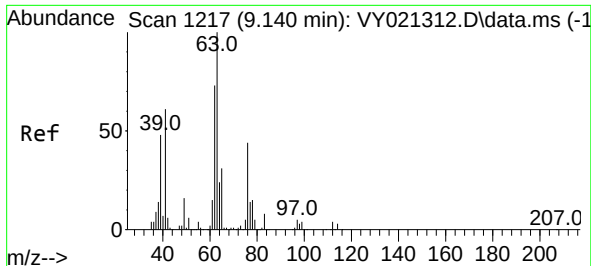
Reviewed By :John Carlone 03/03/2025
Supervised By :Mahesh Dadoda 03/03/2025



#44
Trichloroethene
Concen: 50.838 ug/l
RT: 8.865 min Scan# 1172
Delta R.T. -0.000 min
Lab File: VY021394.D
Acq: 28 Feb 2025 20:35

Tgt Ion:130 Resp: 117497
Ion Ratio Lower Upper
130 100
95 95.2 0.0 196.0





#45

1,2-Dichloropropane

Concen: 53.129 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. -0.000 min

Lab File: VY021394.D

Acq: 28 Feb 2025 20:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 11803

Ion Ratio Lower Upper

63 100

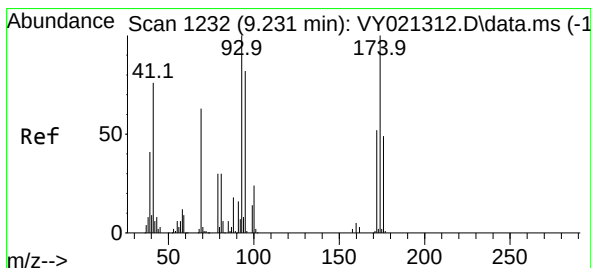
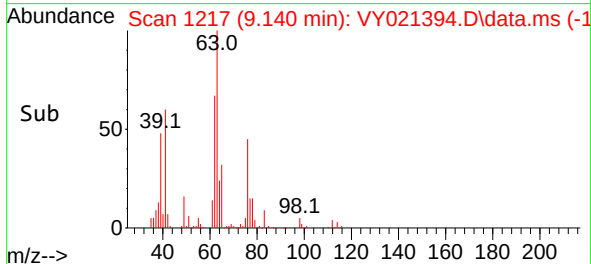
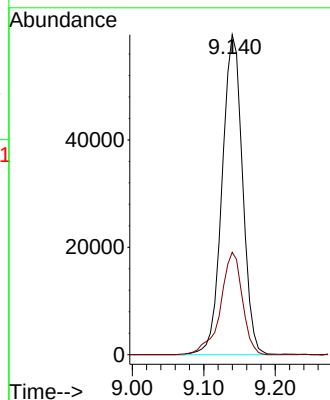
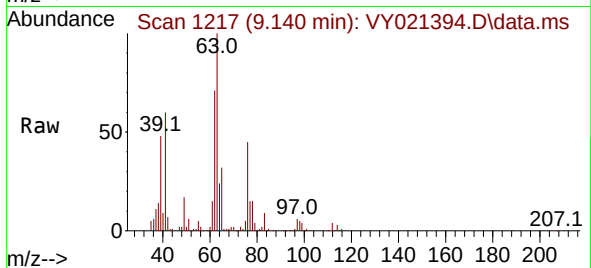
65 32.0 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/03/2025

Supervised By :Mahesh Dadoda 03/03/2025



#46

Dibromomethane

Concen: 55.670 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.000 min

Lab File: VY021394.D

Acq: 28 Feb 2025 20:35

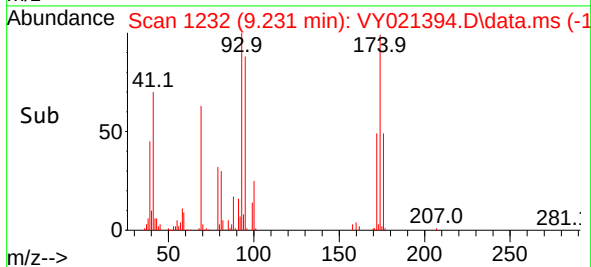
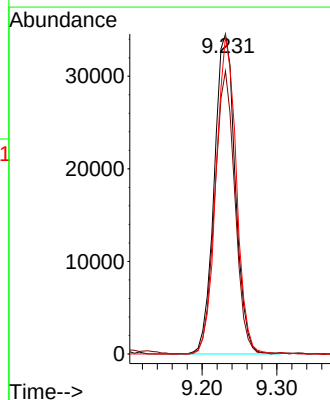
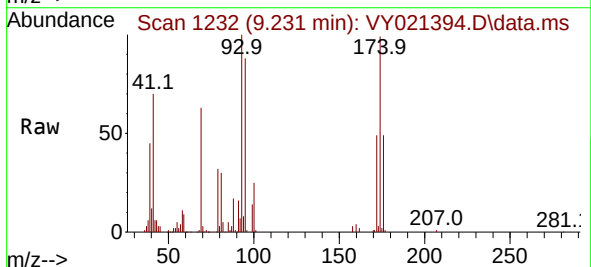
Tgt Ion: 93 Resp: 67603

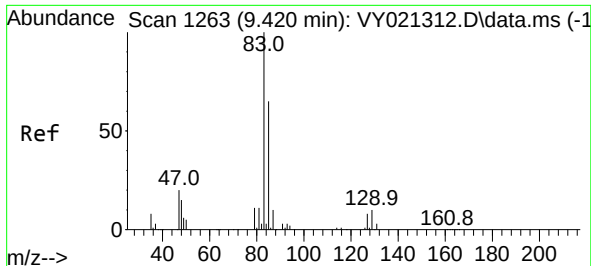
Ion Ratio Lower Upper

93 100

95 84.8 66.4 99.6

174 96.3 78.2 117.2





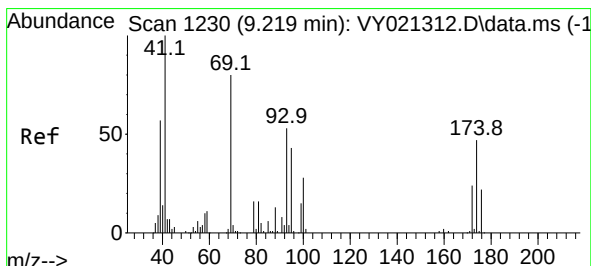
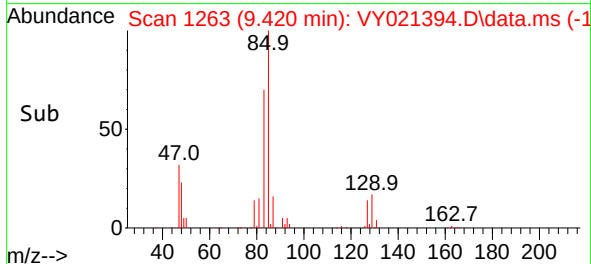
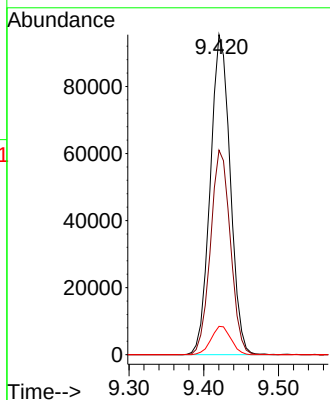
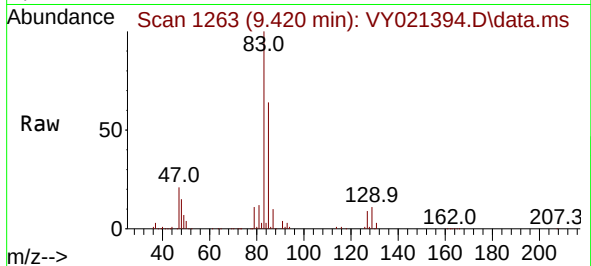
#47
Bromodichloromethane
Concen: 54.699 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. -0.000 min
Lab File: VY021394.D
Acq: 28 Feb 2025 20:35

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 177110
Ion Ratio Lower Upper
83 100
85 63.9 51.8 77.8
127 8.8 6.7 10.1

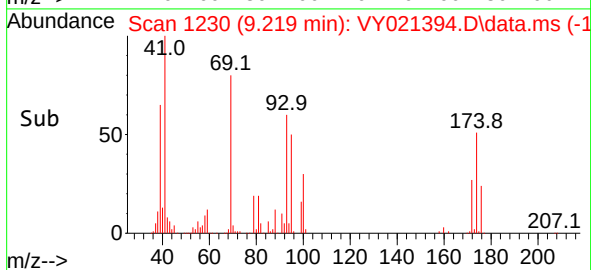
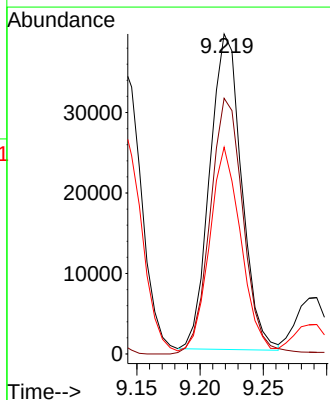
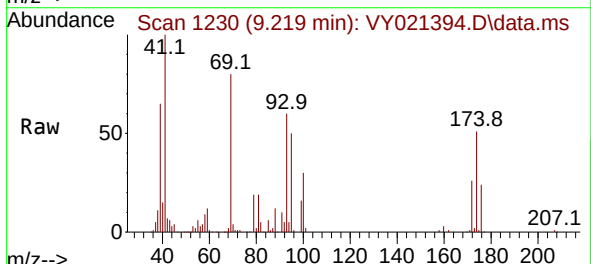
Manual Integrations
APPROVED

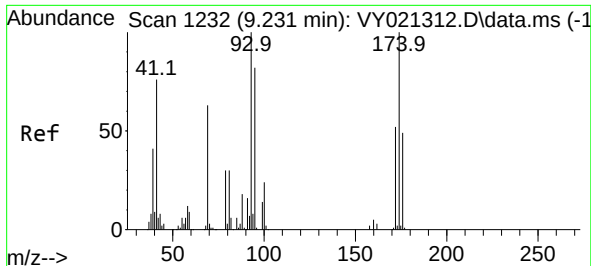
Reviewed By :John Carlone 03/03/2025
Supervised By :Mahesh Dadoda 03/03/2025



#48
Methyl methacrylate
Concen: 48.830 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. -0.000 min
Lab File: VY021394.D
Acq: 28 Feb 2025 20:35

Tgt Ion: 41 Resp: 68657
Ion Ratio Lower Upper
41 100
69 84.9 63.3 94.9
39 63.3 45.0 67.6





#49

1,4-Dioxane

Concen: 1035.060 ug/l

RT: 9.225 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY021394.D

Acq: 28 Feb 2025 20:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 13970

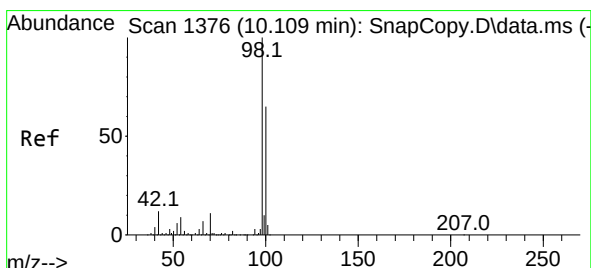
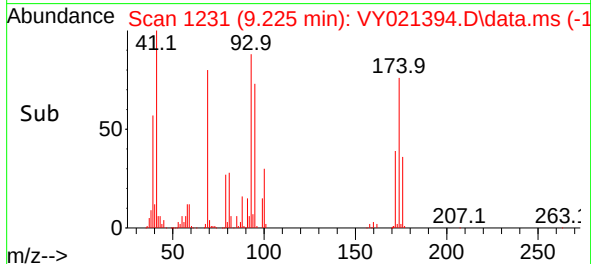
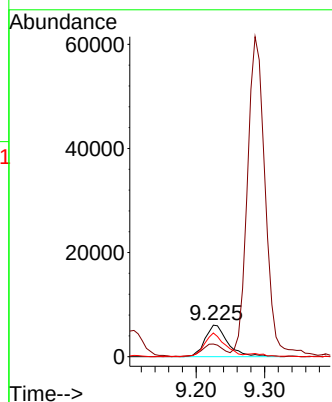
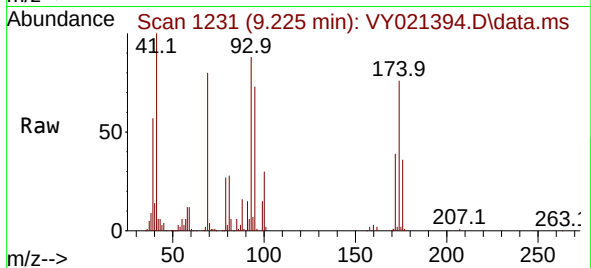
Ion	Ratio	Lower	Upper
88	100		
43	36.0	34.8	52.2
58	67.5	59.8	89.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/03/2025

Supervised By :Mahesh Dadoda 03/03/2025



#50

Toluene-d8

Concen: 53.061 ug/l

RT: 10.103 min Scan# 1375

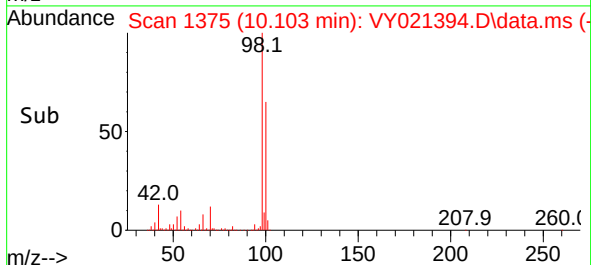
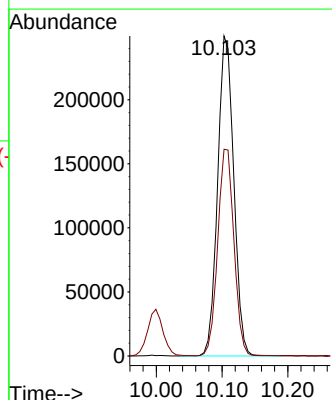
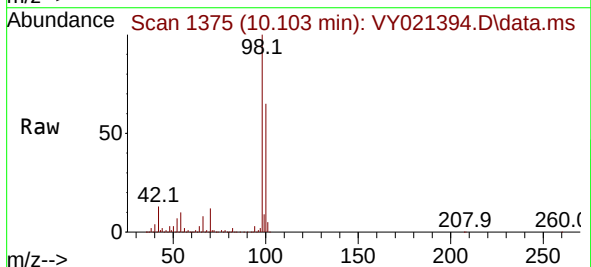
Delta R.T. -0.000 min

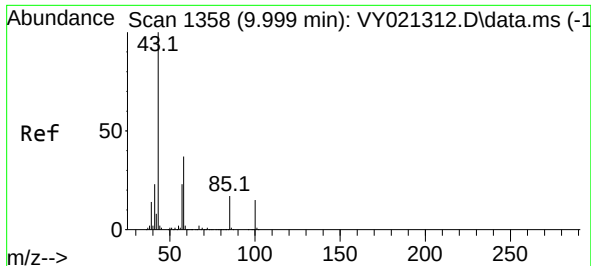
Lab File: VY021394.D

Acq: 28 Feb 2025 20:35

Tgt Ion: 98 Resp: 426333

Ion	Ratio	Lower	Upper
98	100		
100	65.1	52.4	78.6





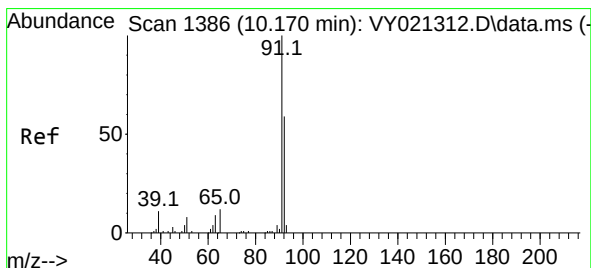
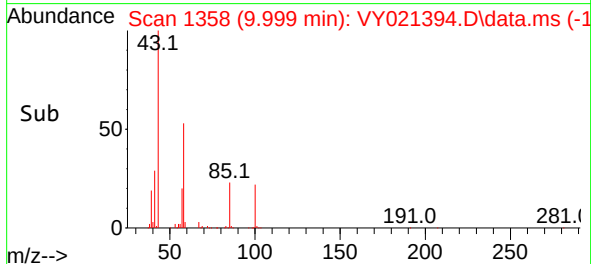
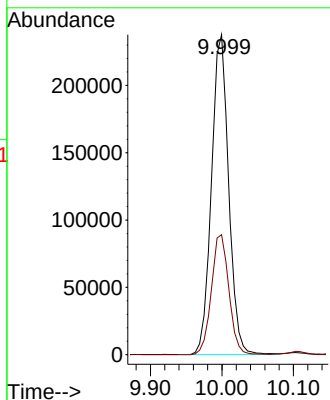
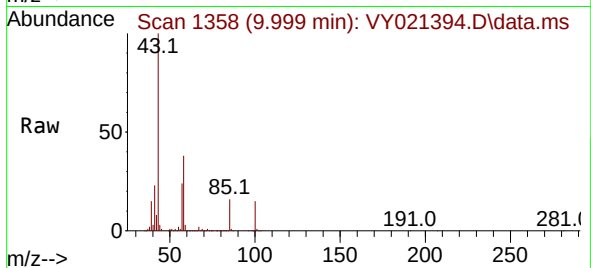
#51
4-Methyl-2-Pentanone
Concen: 257.437 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. -0.000 min
Lab File: VY021394.D
Acq: 28 Feb 2025 20:35

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 396229
Ion Ratio Lower Upper
43 100
58 38.3 30.1 45.1

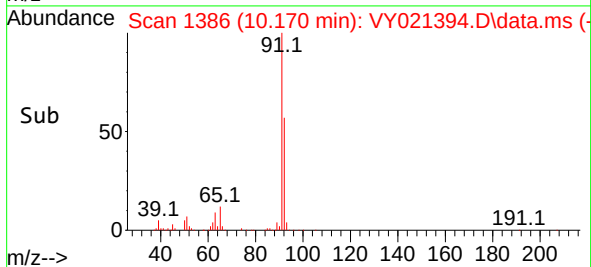
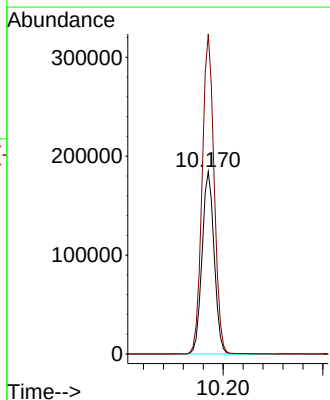
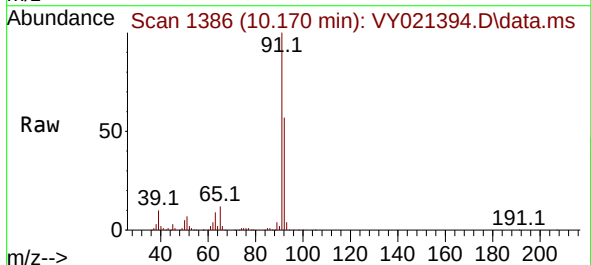
Manual Integrations
APPROVED

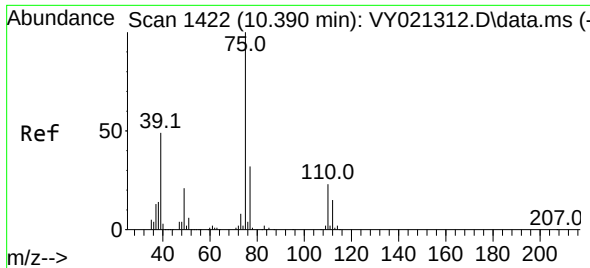
Reviewed By :John Carlone 03/03/2025
Supervised By :Mahesh Dadoda 03/03/2025



#52
Toluene
Concen: 54.087 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.000 min
Lab File: VY021394.D
Acq: 28 Feb 2025 20:35

Tgt Ion: 92 Resp: 310182
Ion Ratio Lower Upper
92 100
91 173.7 137.8 206.8





#53
 t-1,3-Dichloropropene
 Concen: 49.147 ug/l
 RT: 10.390 min Scan# 1422
 Delta R.T. -0.000 min
 Lab File: VY021394.D
 Acq: 28 Feb 2025 20:35

Instrument :

MSVOA_Y

ClientSampleId :

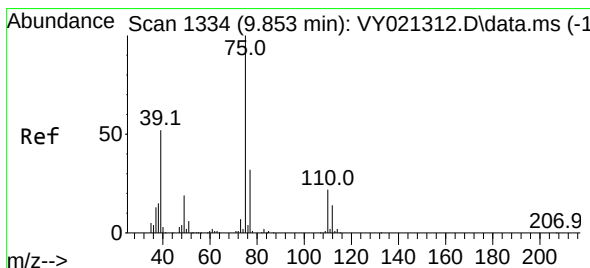
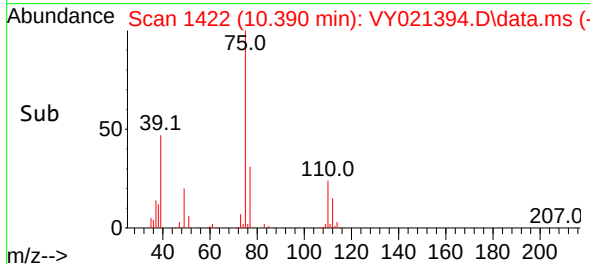
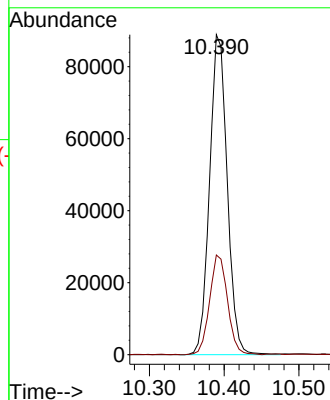
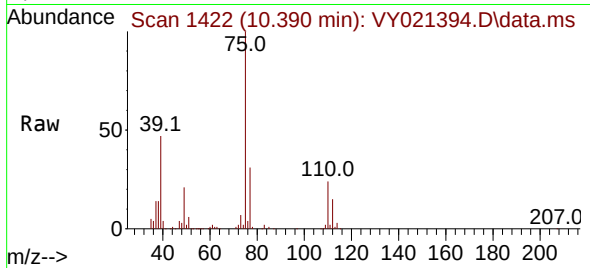
VSTDCCC050EC

Tgt Ion: 75 Resp: 14579
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.3 37.9

Manual Integrations

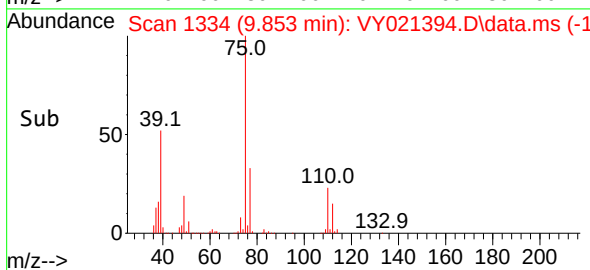
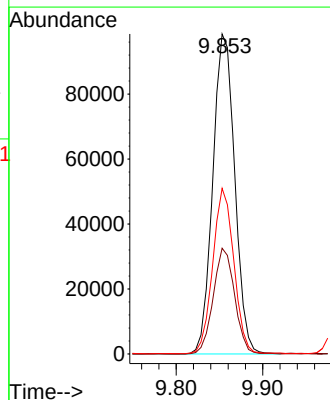
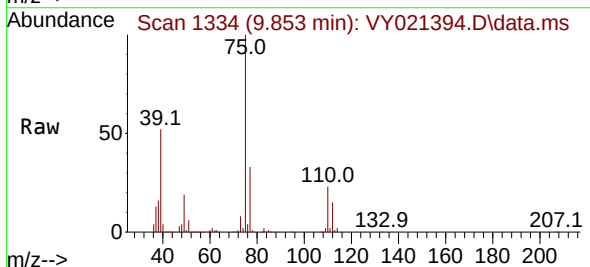
APPROVED

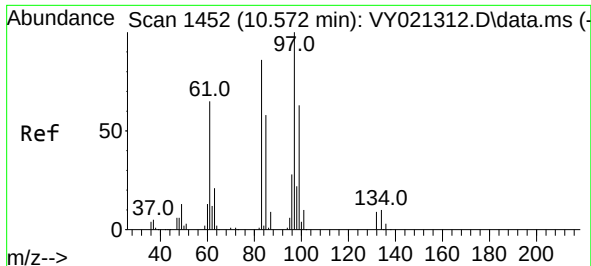
Reviewed By :John Carlone 03/03/2025
 Supervised By :Mahesh Dadoda 03/03/2025



#54
 cis-1,3-Dichloropropene
 Concen: 49.533 ug/l
 RT: 9.853 min Scan# 1334
 Delta R.T. -0.000 min
 Lab File: VY021394.D
 Acq: 28 Feb 2025 20:35

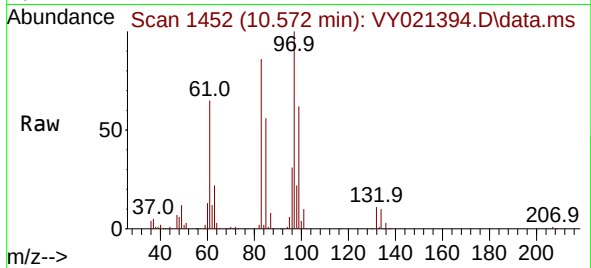
Tgt Ion: 75 Resp: 173470
 Ion Ratio Lower Upper
 75 100
 77 33.0 25.7 38.5
 39 51.6 41.8 62.6





#55
1,1,2-Trichloroethane
Concen: 55.490 ug/l
RT: 10.572 min Scan# 1452
Delta R.T. -0.000 min
Lab File: VY021394.D
Acq: 28 Feb 2025 20:35

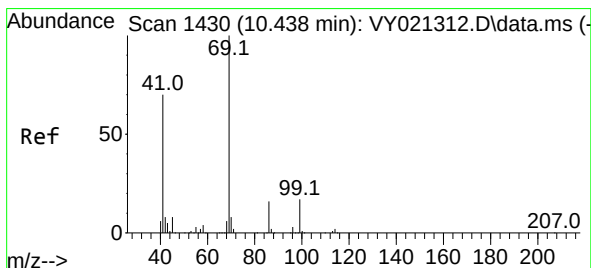
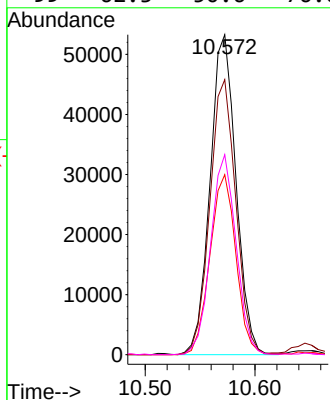
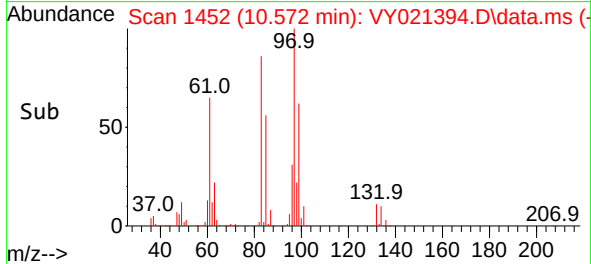
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



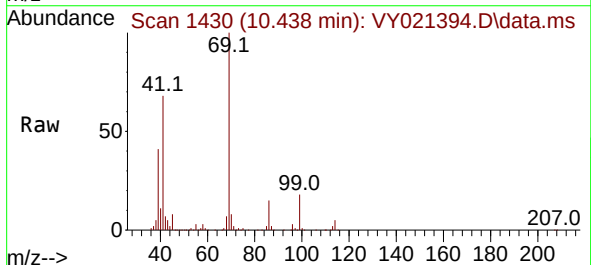
Tgt Ion:	97	Resp:	87784
Ion	Ratio	Lower	Upper
97	100		
83	85.8	68.7	103.1
85	56.3	46.3	69.5
99	62.3	50.6	76.0

Manual Integrations
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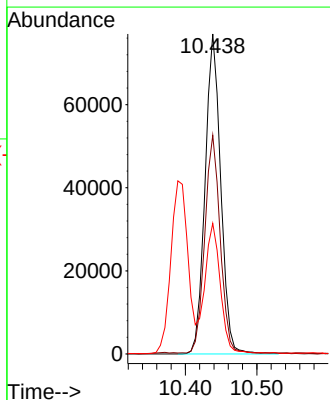
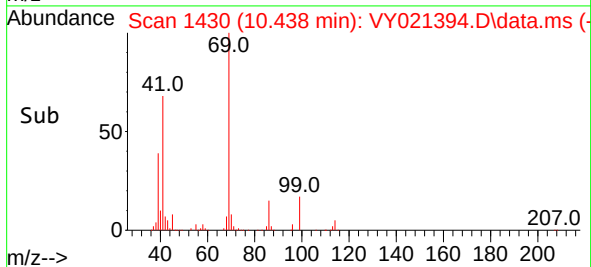
Reviewed By :John Carlone 03/03/2025
Supervised By :Mahesh Dadoda 03/03/2025

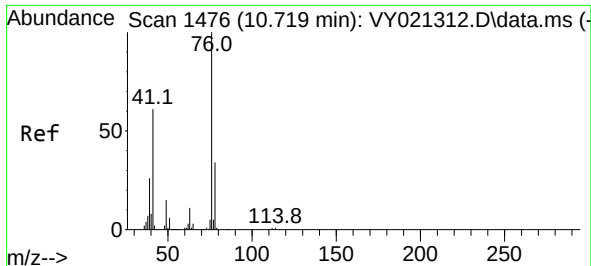


#56
Ethyl methacrylate
Concen: 53.554 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VY021394.D
Acq: 28 Feb 2025 20:35



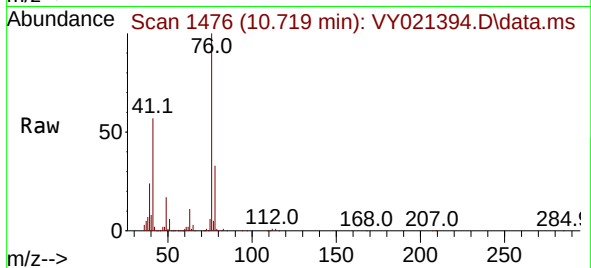
Tgt Ion:	69	Resp:	117064
Ion	Ratio	Lower	Upper
69	100		
41	66.9	56.2	84.4
39	40.0	32.7	49.1





#57
1,3-Dichloropropane
Concen: 55.651 ug/l
RT: 10.719 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VY021394.D
Acq: 28 Feb 2025 20:35

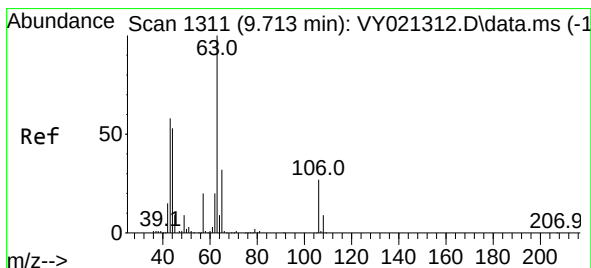
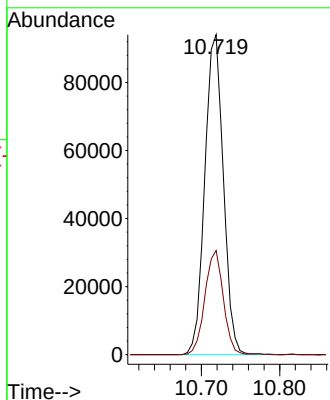
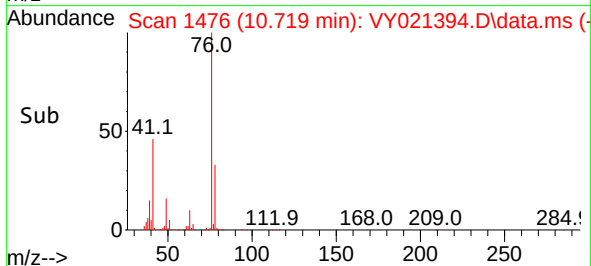
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



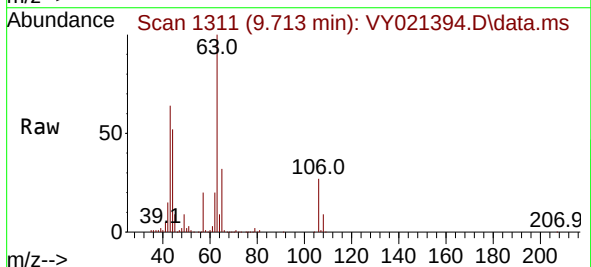
Tgt Ion: 76 Resp: 154488
Ion Ratio Lower Upper
76 100
78 32.3 25.9 38.9

Manual Integrations
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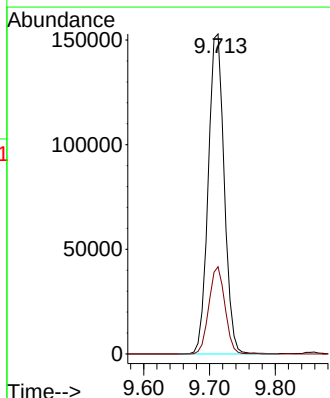
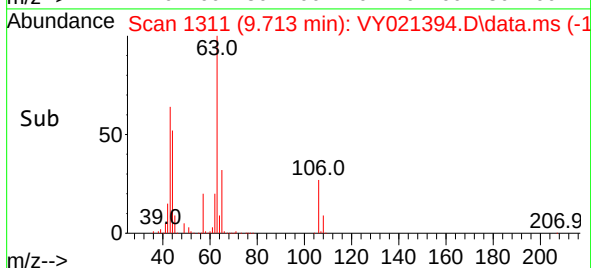
Reviewed By :John Carlone 03/03/2025
Supervised By :Mahesh Dadoda 03/03/2025

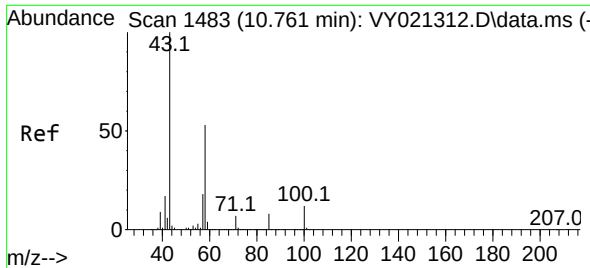


#58
2-Chloroethyl Vinyl ether
Concen: 246.261 ug/l
RT: 9.713 min Scan# 1311
Delta R.T. -0.000 min
Lab File: VY021394.D
Acq: 28 Feb 2025 20:35



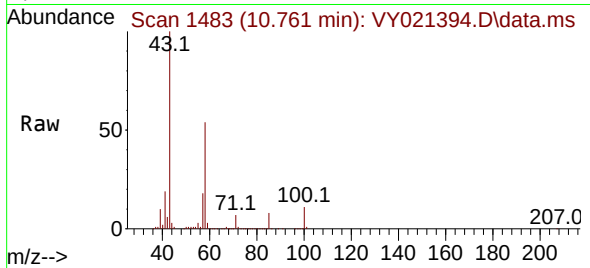
Tgt Ion: 63 Resp: 258376
Ion Ratio Lower Upper
63 100
106 27.4 21.7 32.5





#59
2-Hexanone
Concen: 259.766 ug/l
RT: 10.761 min Scan# 1483
Delta R.T. -0.000 min
Lab File: VY021394.D
Acq: 28 Feb 2025 20:35

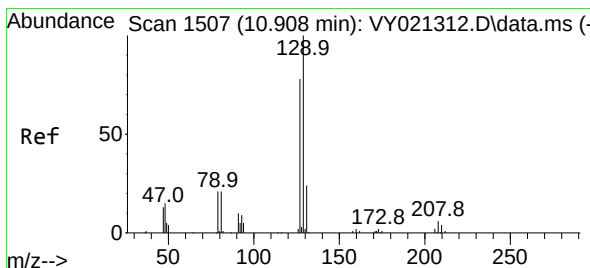
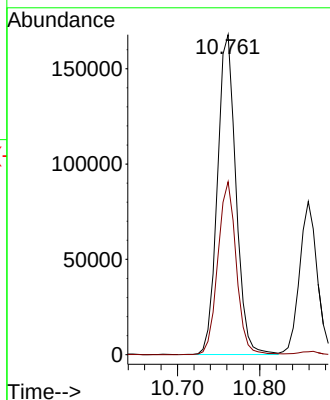
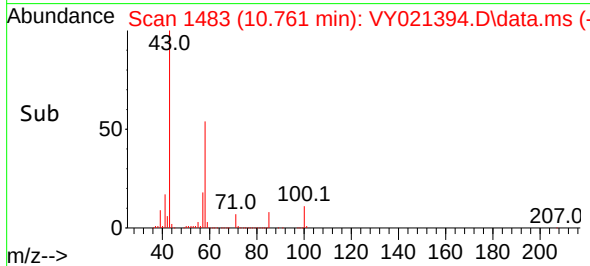
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 26257
Ion Ratio Lower Upper
43 100
58 53.9 25.9 77.6

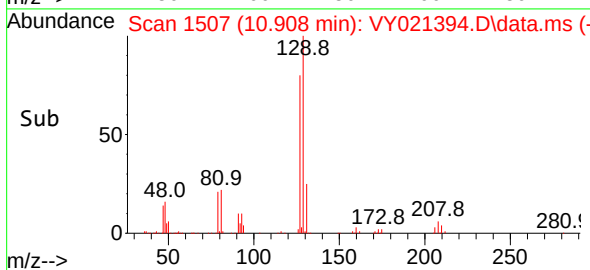
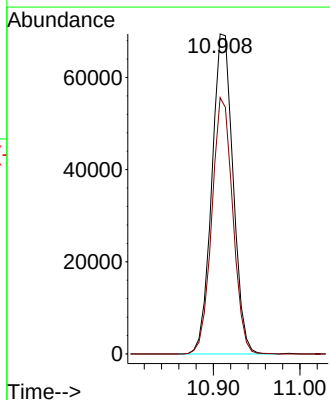
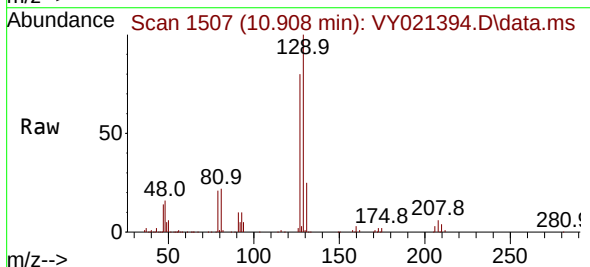
Manual Integrations
APPROVED

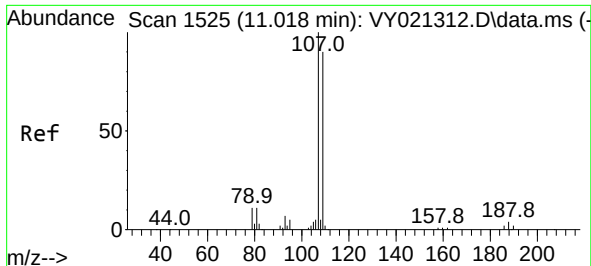
Reviewed By :John Carlone 03/03/2025
Supervised By :Mahesh Dadoda 03/03/2025



#60
Dibromochloromethane
Concen: 54.909 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. -0.000 min
Lab File: VY021394.D
Acq: 28 Feb 2025 20:35

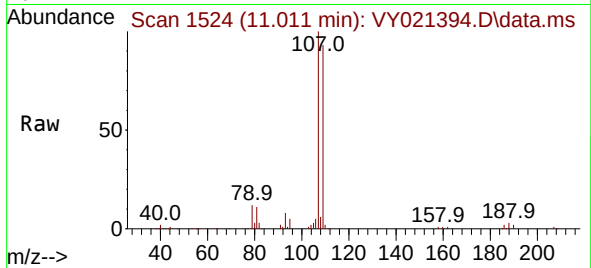
Tgt Ion:129 Resp: 118305
Ion Ratio Lower Upper
129 100
127 78.9 38.8 116.4





#61
1,2-Dibromoethane
Concen: 55.501 ug/l
RT: 11.011 min Scan# 1524
Delta R.T. -0.006 min
Lab File: VY021394.D
Acq: 28 Feb 2025 20:35

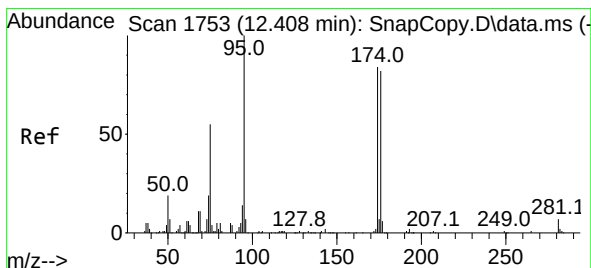
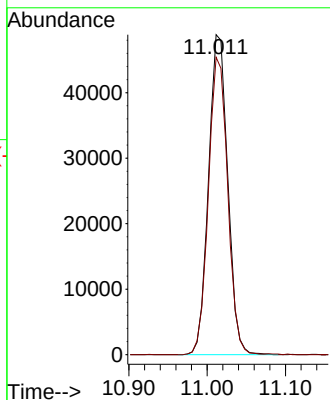
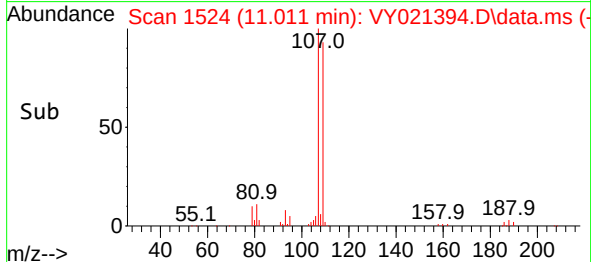
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



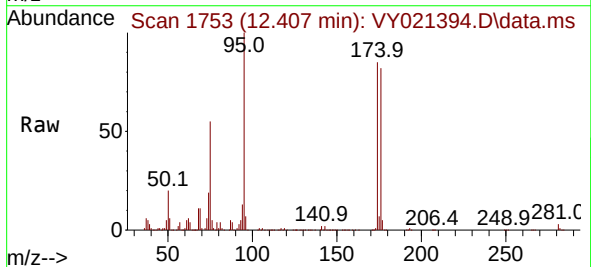
Tgt Ion:107 Resp: 83124
Ion Ratio Lower Upper
107 100
109 93.3 73.8 110.8

Manual Integrations
APPROVED

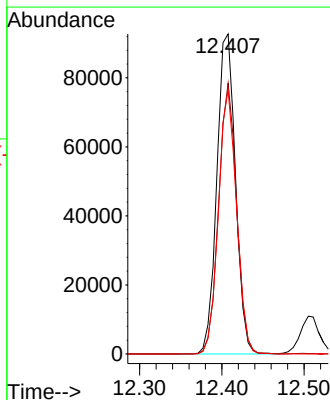
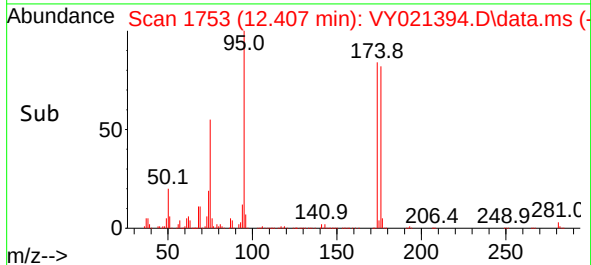
Reviewed By :John Carlone 03/03/2025
Supervised By :Mahesh Dadoda 03/03/2025

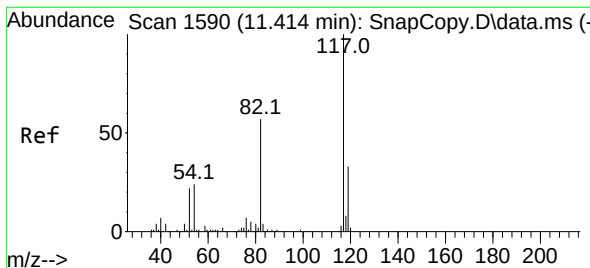


#62
4-Bromofluorobenzene
Concen: 54.029 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY021394.D
Acq: 28 Feb 2025 20:35



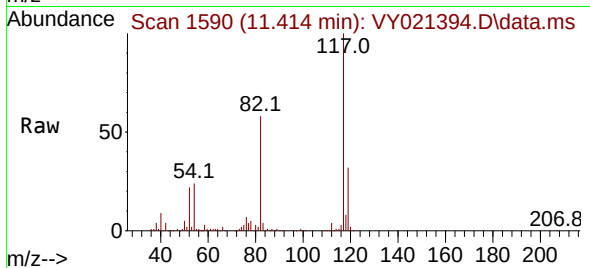
Tgt Ion: 95 Resp: 146096
Ion Ratio Lower Upper
95 100
174 81.6 0.0 168.0
176 80.0 0.0 162.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VY021394.D
Acq: 28 Feb 2025 20:35

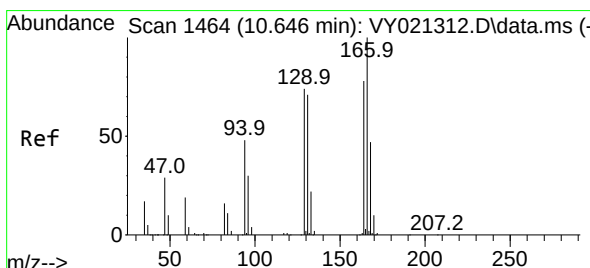
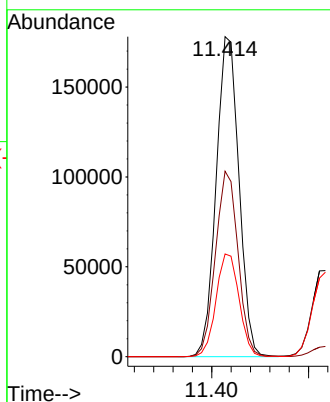
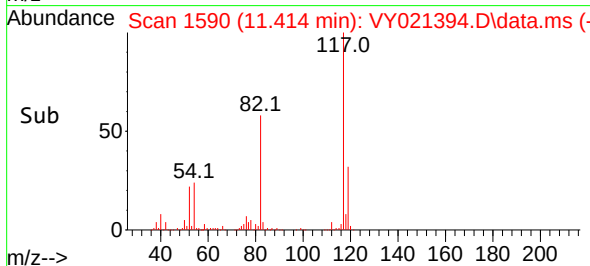
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 291162
Ion Ratio Lower Upper
117 100
82 58.0 46.2 69.4
119 32.1 24.9 37.3

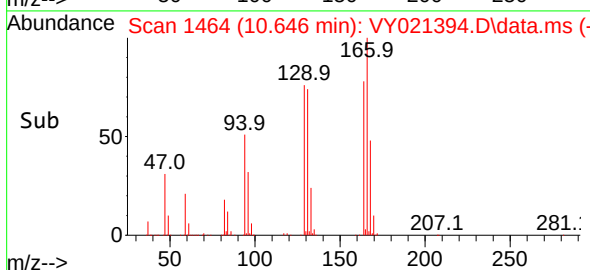
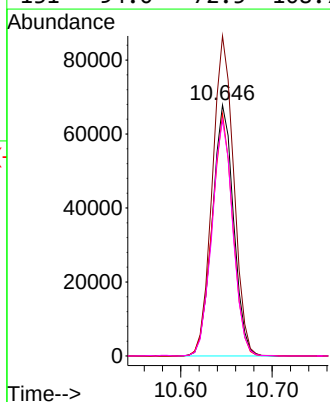
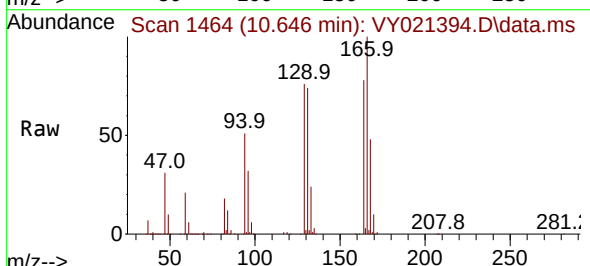
Manual Integrations
APPROVED

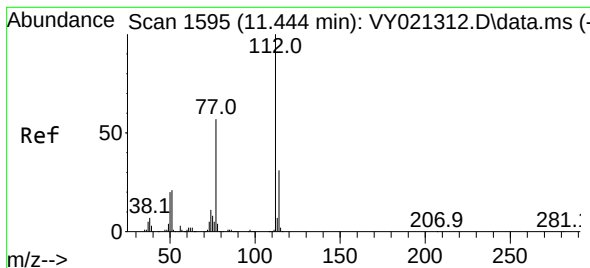
Reviewed By :John Carlone 03/03/2025
Supervised By :Mahesh Dadoda 03/03/2025



#64
Tetrachloroethene
Concen: 49.942 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VY021394.D
Acq: 28 Feb 2025 20:35

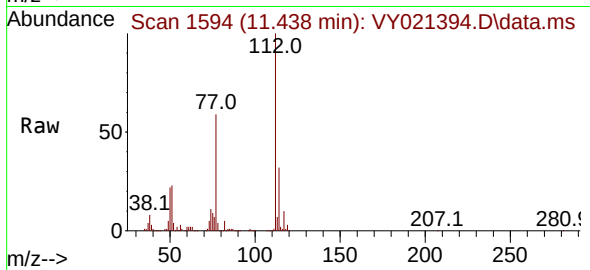
Tgt Ion:164 Resp: 109908
Ion Ratio Lower Upper
164 100
166 127.6 101.9 152.9
129 96.5 75.5 113.3
131 94.0 72.5 108.7





#65
Chlorobenzene
Concen: 51.298 ug/l
RT: 11.438 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021394.D
Acq: 28 Feb 2025 20:35

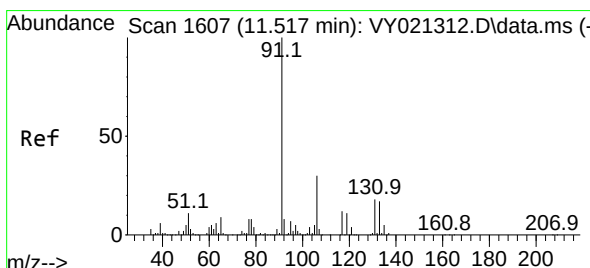
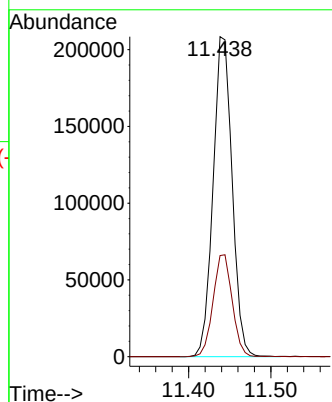
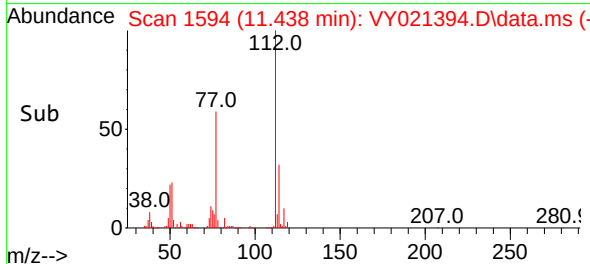
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



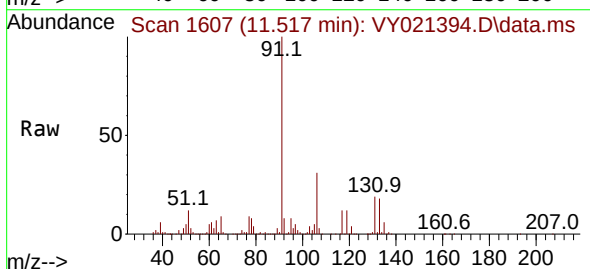
Tgt Ion:112 Resp: 335274
Ion Ratio Lower Upper
112 100
114 31.6 25.0 37.6

Manual Integrations
APPROVED

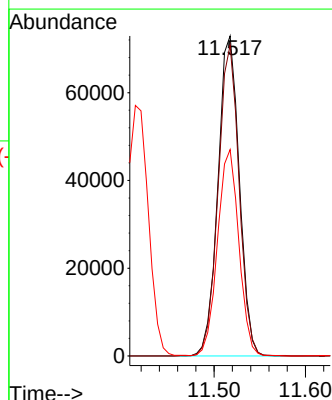
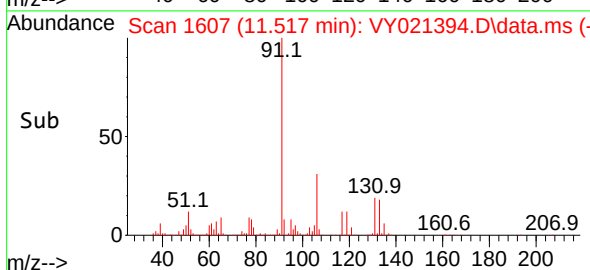
Reviewed By :John Carlone 03/03/2025
Supervised By :Mahesh Dadoda 03/03/2025

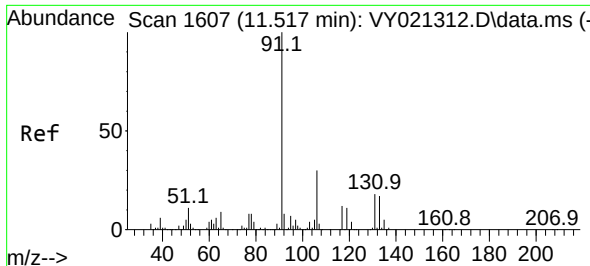


#66
1,1,1,2-Tetrachloroethane
Concen: 51.797 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY021394.D
Acq: 28 Feb 2025 20:35



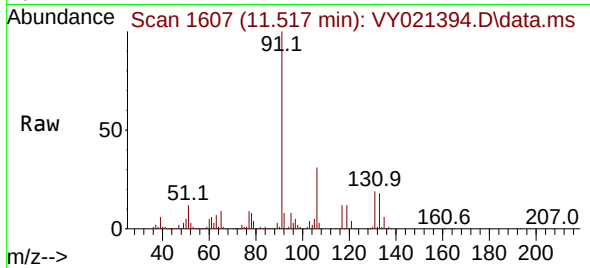
Tgt Ion:131 Resp: 118539
Ion Ratio Lower Upper
131 100
133 95.2 47.9 143.6
119 64.5 31.7 95.1





#67
Ethyl Benzene
Concen: 50.804 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY021394.D
Acq: 28 Feb 2025 20:35

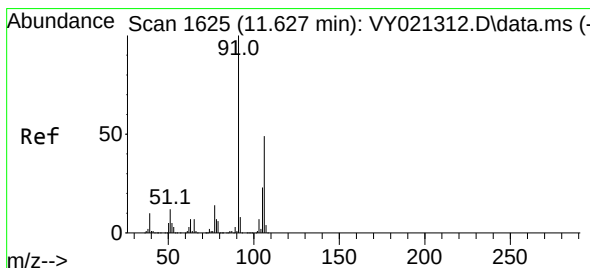
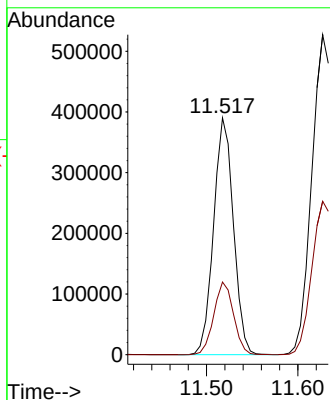
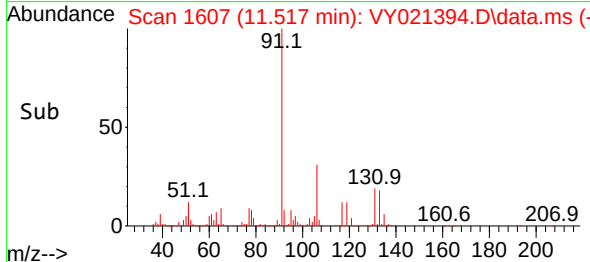
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 58814
Ion Ratio Lower Upper
91 100
106 30.7 24.4 36.6

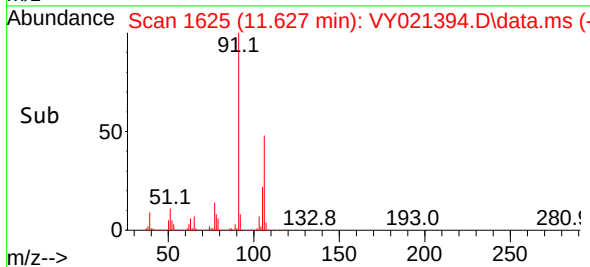
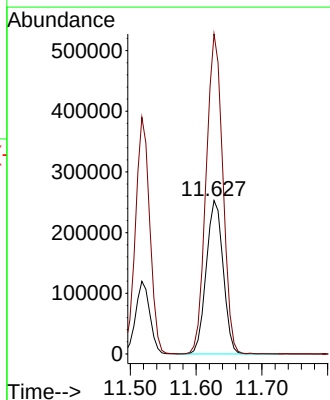
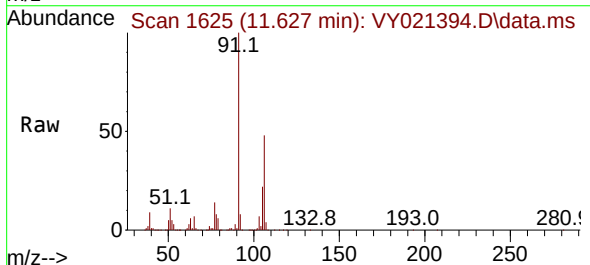
Manual Integrations
APPROVED

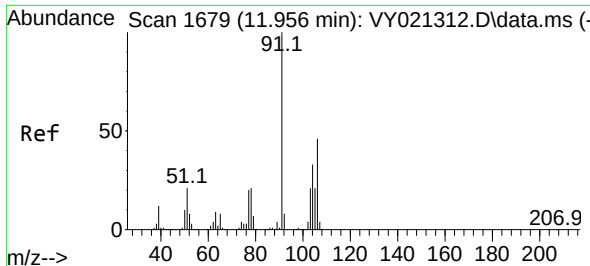
Reviewed By :John Carlone 03/03/2025
Supervised By :Mahesh Dadoda 03/03/2025



#68
m/p-Xylenes
Concen: 103.694 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. -0.000 min
Lab File: VY021394.D
Acq: 28 Feb 2025 20:35

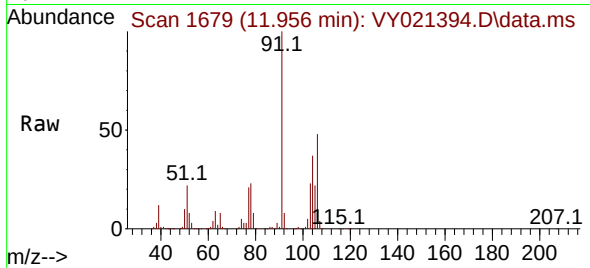
Tgt Ion:106 Resp: 451530
Ion Ratio Lower Upper
106 100
91 205.7 163.9 245.9





#69
o-Xylene
Concen: 52.536 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. -0.000 min
Lab File: VY021394.D
Acq: 28 Feb 2025 20:35

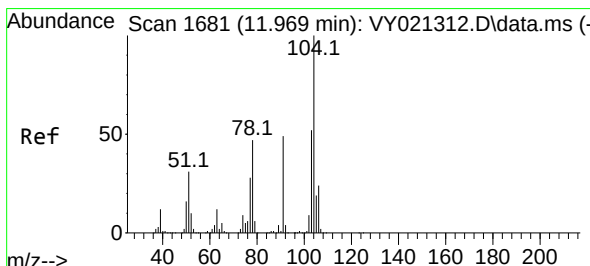
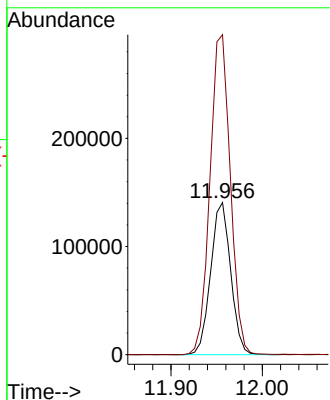
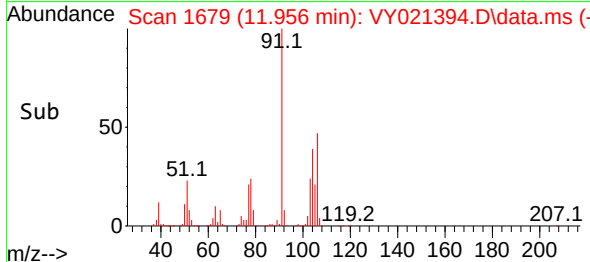
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion:106 Resp: 214309
Ion Ratio Lower Upper
106 100
91 214.5 108.1 324.2

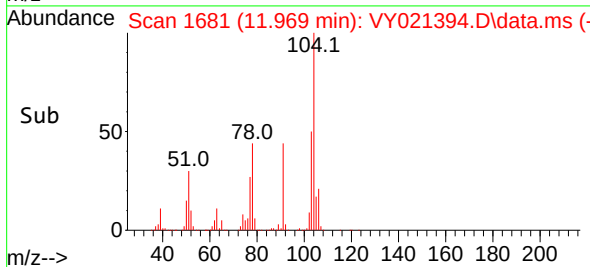
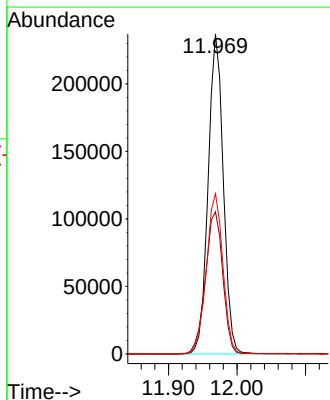
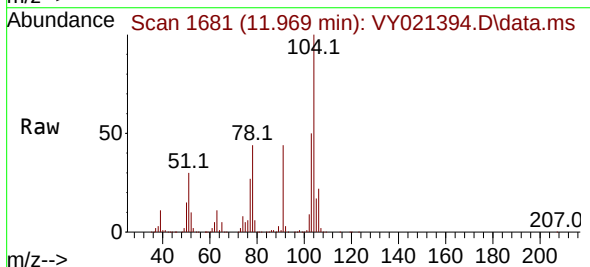
Manual Integrations
APPROVED

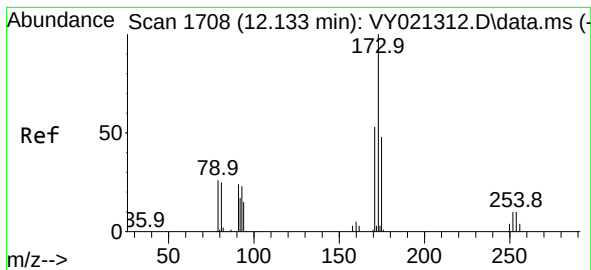
Reviewed By :John Carlone 03/03/2025
Supervised By :Mahesh Dadoda 03/03/2025



#70
Styrene
Concen: 53.776 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY021394.D
Acq: 28 Feb 2025 20:35

Tgt Ion:104 Resp: 364990
Ion Ratio Lower Upper
104 100
78 50.9 41.3 61.9
103 55.0 43.9 65.9





#71

Bromoform

Concen: 51.512 ug/l

RT: 12.133 min Scan# 1708

Delta R.T. -0.000 min

Lab File: VY021394.D

Acq: 28 Feb 2025 20:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion:173 Resp: 6744

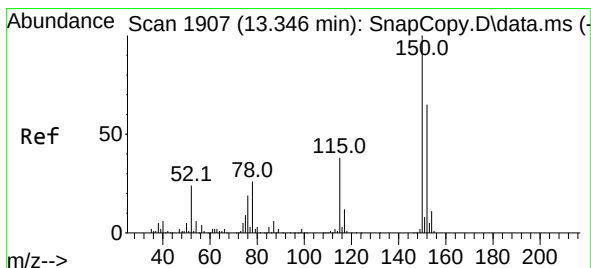
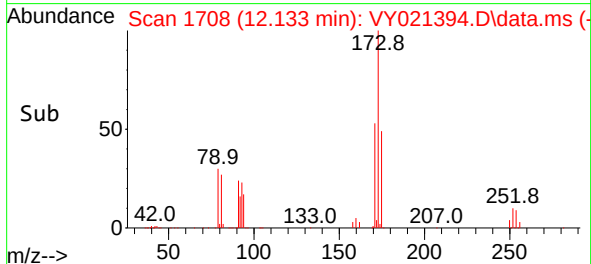
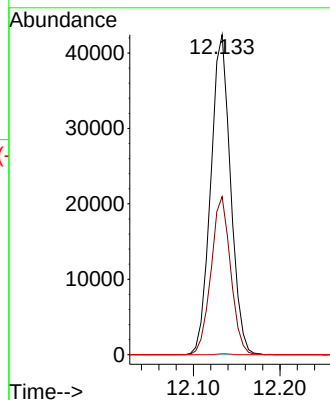
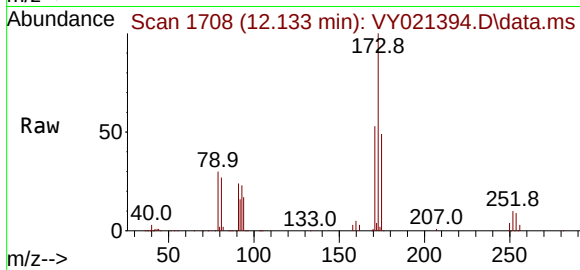
Ion	Ratio	Lower	Upper
173	100		
175	48.7	24.1	72.3
254	0.2	0.1	0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/03/2025

Supervised By :Mahesh Dadoda 03/03/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

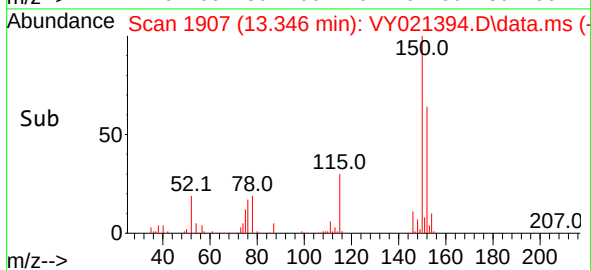
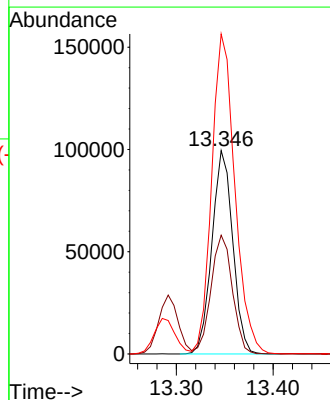
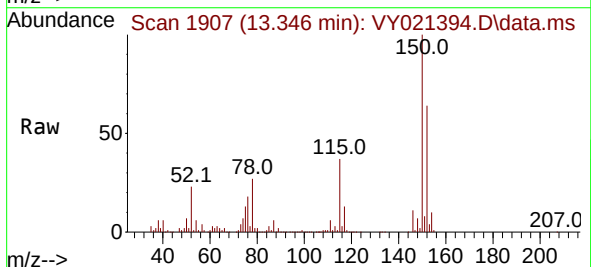
Delta R.T. -0.000 min

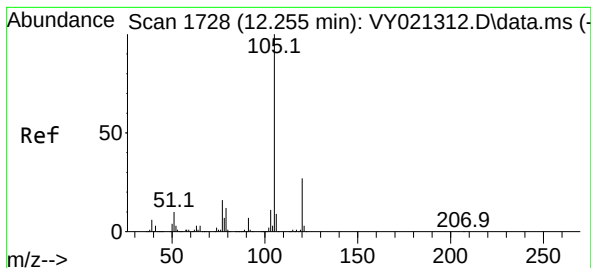
Lab File: VY021394.D

Acq: 28 Feb 2025 20:35

Tgt Ion:152 Resp: 148923

Ion	Ratio	Lower	Upper
152	100		
115	59.6	29.3	88.0
150	174.3	0.0	347.4





#73

Isopropylbenzene

Concen: 48.836 ug/l

RT: 12.255 min Scan# 1728

Delta R.T. -0.000 min

Lab File: VY021394.D

Acq: 28 Feb 2025 20:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 54676

Ion Ratio Lower Upper

105 100

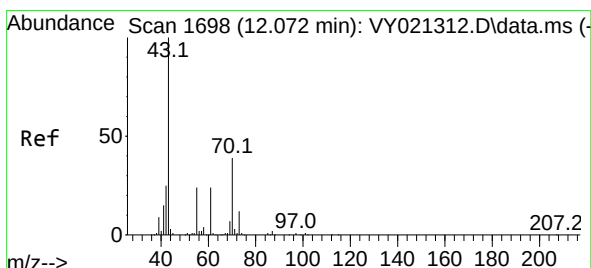
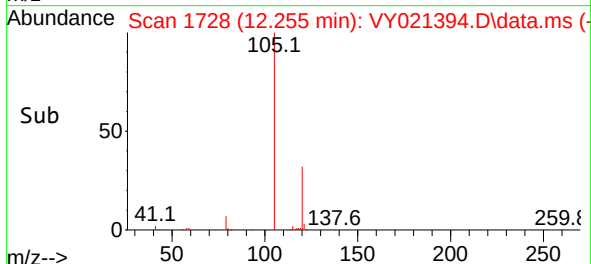
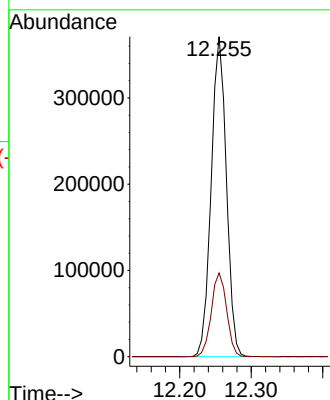
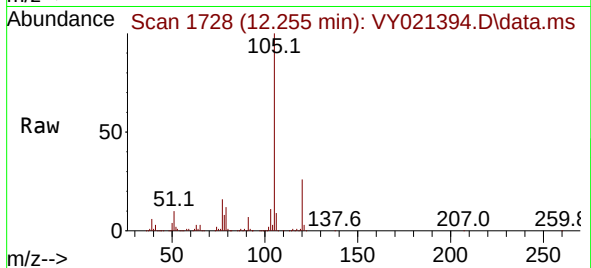
120 26.4 13.3 39.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/03/2025

Supervised By :Mahesh Dadoda 03/03/2025



#74

N-ethyl acetate

Concen: 47.031 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. -0.000 min

Lab File: VY021394.D

Acq: 28 Feb 2025 20:35

Tgt Ion: 43 Resp: 133839

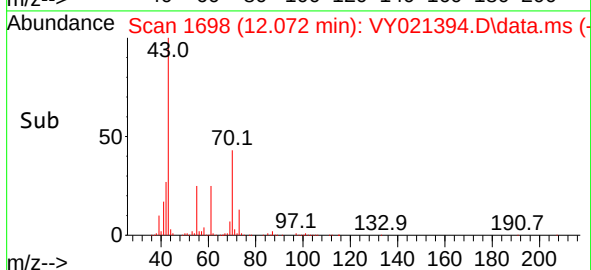
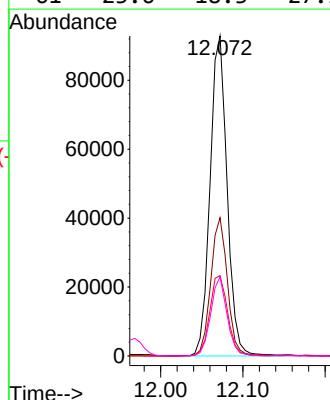
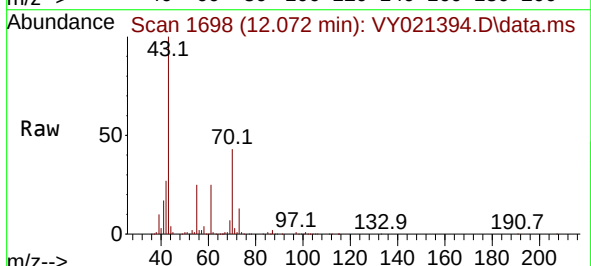
Ion Ratio Lower Upper

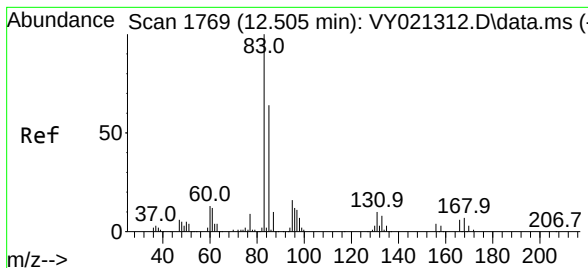
43 100

70 42.4 32.2 48.2

55 26.6 19.6 29.4

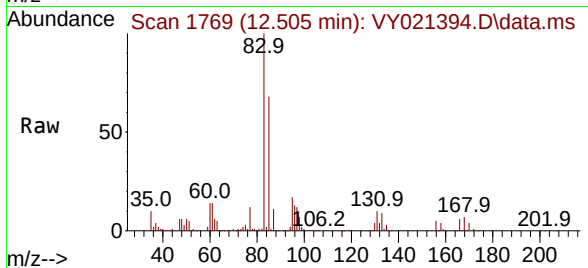
61 23.6 18.3 27.5





#75
 1,1,2,2-Tetrachloroethane
 Concen: 51.284 ug/l
 RT: 12.505 min Scan# 1769
 Delta R.T. -0.000 min
 Lab File: VY021394.D
 Acq: 28 Feb 2025 20:35

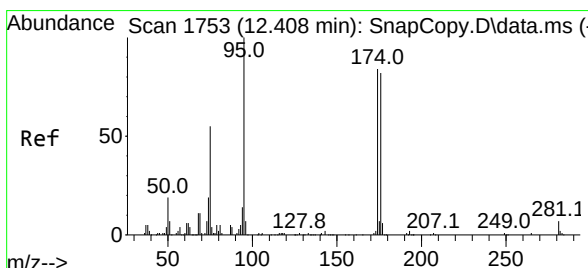
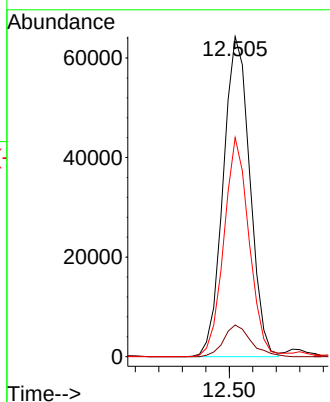
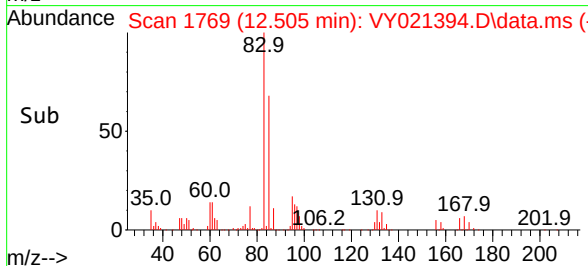
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 83 Resp: 10133
 Ion Ratio Lower Upper
 83 100
 131 10.2 5.2 15.6
 85 65.0 32.0 96.0

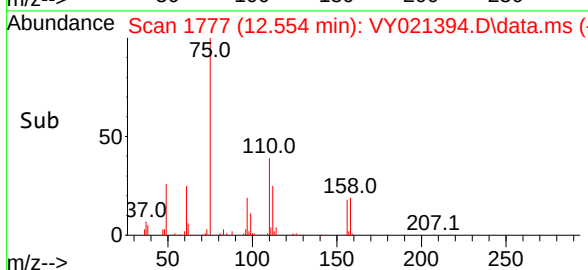
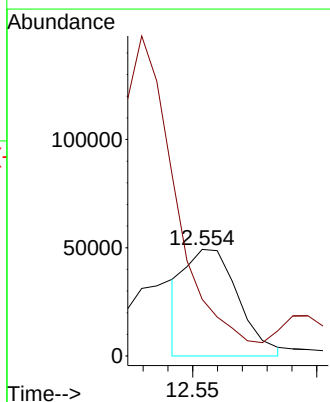
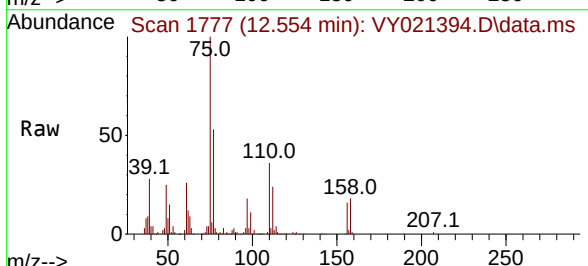
Manual Integrations
 APPROVED

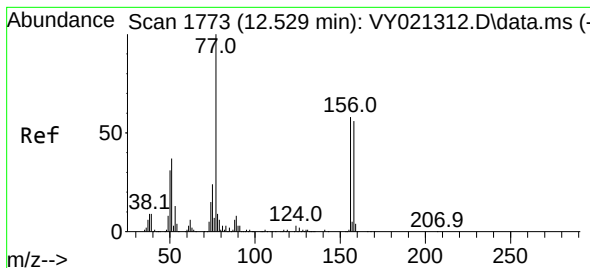
Reviewed By :John Carlone 03/03/2025
 Supervised By :Mahesh Dadoda 03/03/2025



#76
 1,2,3-Trichloropropane
 Concen: 49.434 ug/l m
 RT: 12.554 min Scan# 1777
 Delta R.T. -0.006 min
 Lab File: VY021394.D
 Acq: 28 Feb 2025 20:35

Tgt Ion: 75 Resp: 73689
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 50.677 ug/l

RT: 12.529 min Scan# 1773

Delta R.T. -0.000 min

Lab File: VY021394.D

Acq: 28 Feb 2025 20:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

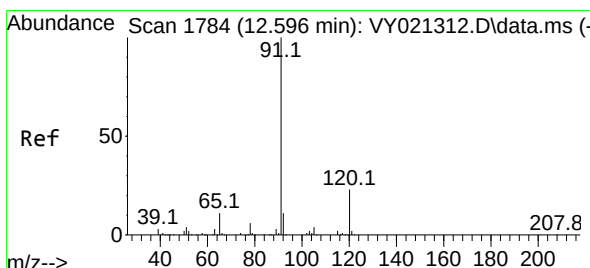
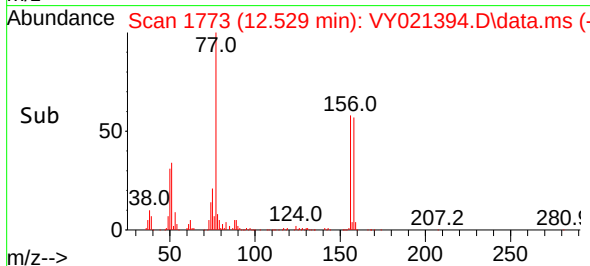
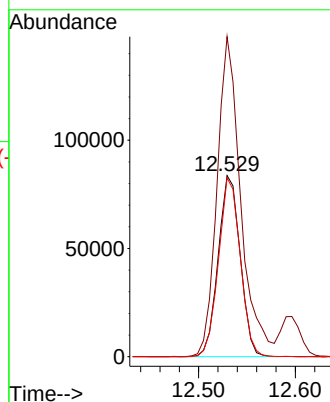
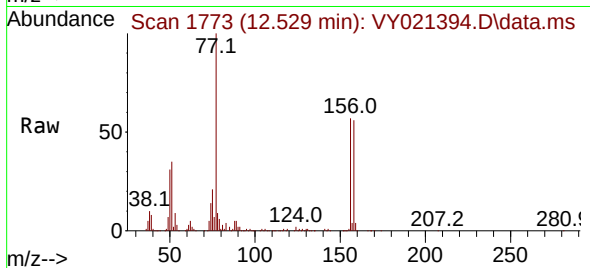
Tgt Ion:156 Resp: 131969
 Ion Ratio Lower Upper
 156 100
 77 190.8 94.0 282.1
 158 97.7 48.7 146.1

Manual Integrations

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Reviewed By :John Carlone 03/03/2025

Supervised By :Mahesh Dadoda 03/03/2025



#78

n-propylbenzene

Concen: 49.599 ug/l

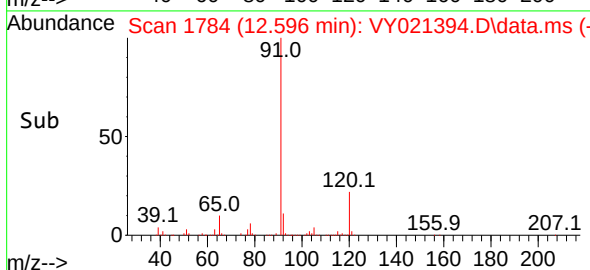
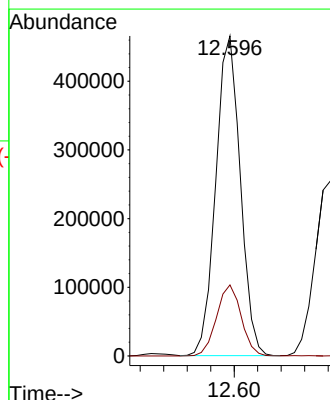
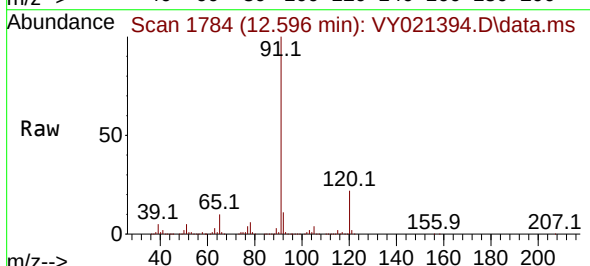
RT: 12.596 min Scan# 1784

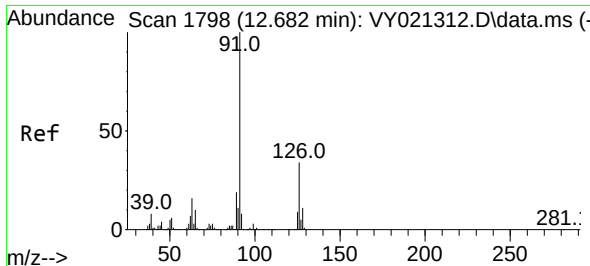
Delta R.T. -0.000 min

Lab File: VY021394.D

Acq: 28 Feb 2025 20:35

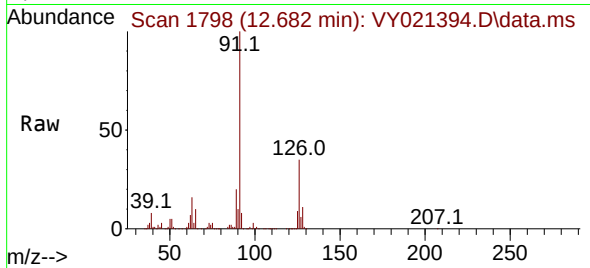
Tgt Ion: 91 Resp: 673854
 Ion Ratio Lower Upper
 91 100
 120 22.4 11.2 33.5





#79
2-Chlorotoluene
Concen: 50.158 ug/l
RT: 12.682 min Scan# 1798
Delta R.T. -0.000 min
Lab File: VY021394.D
Acq: 28 Feb 2025 20:35

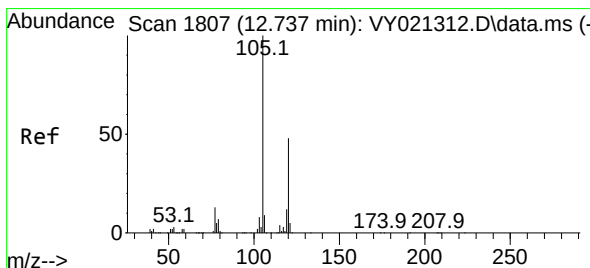
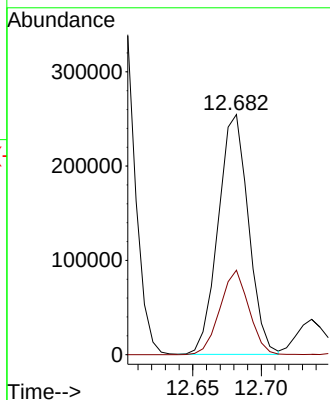
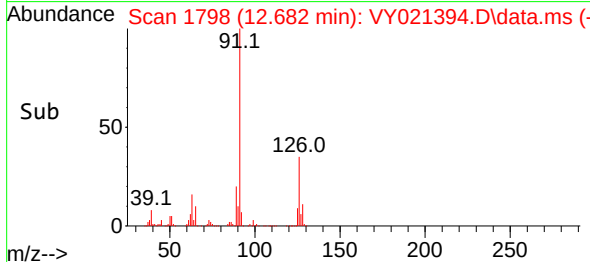
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



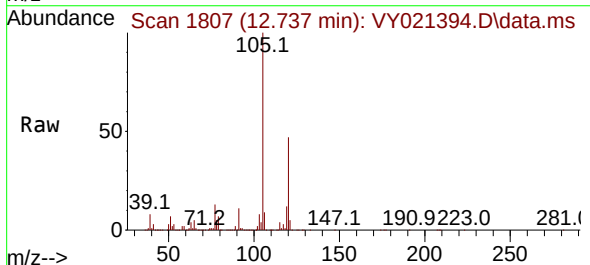
Tgt Ion: 91 Resp: 39108
Ion Ratio Lower Upper
91 100
126 33.7 16.9 50.6

Manual Integrations
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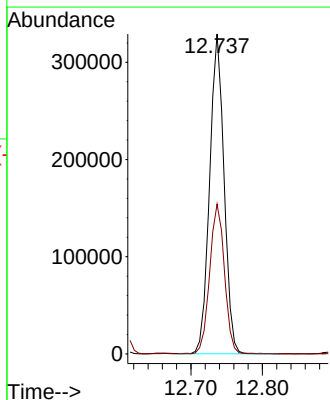
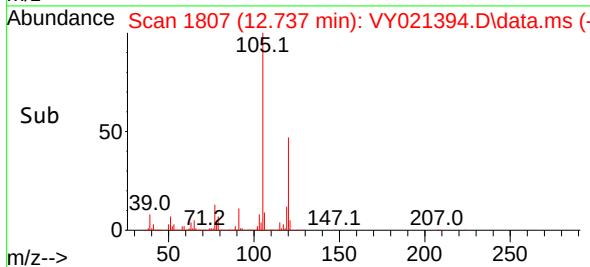
Reviewed By :John Carlone 03/03/2025
Supervised By :Mahesh Dadoda 03/03/2025

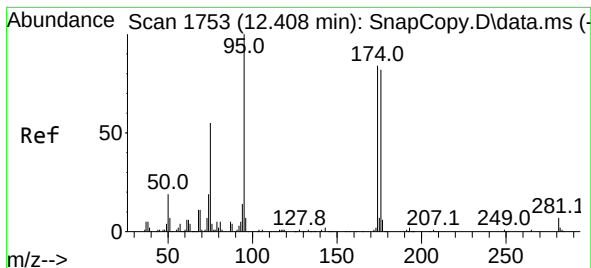


#80
1,3,5-Trimethylbenzene
Concen: 50.117 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VY021394.D
Acq: 28 Feb 2025 20:35



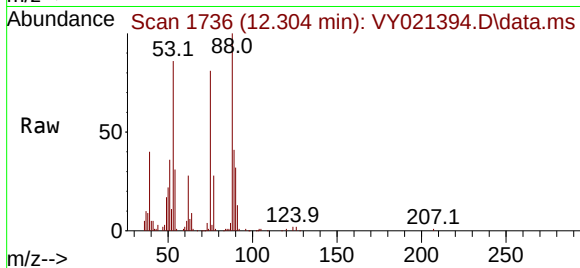
Tgt Ion:105 Resp: 460201
Ion Ratio Lower Upper
105 100
120 47.8 24.3 73.0





#81
trans-1,4-Dichloro-2-butene
Concen: 40.268 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. -0.000 min
Lab File: VY021394.D
Acq: 28 Feb 2025 20:35

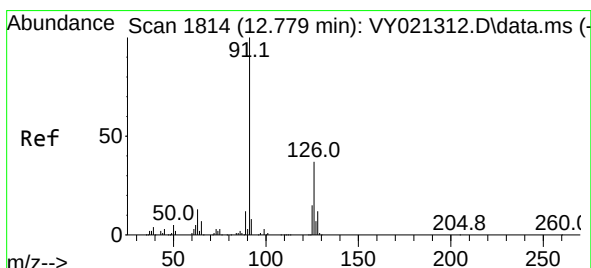
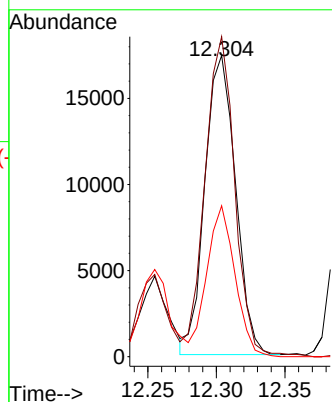
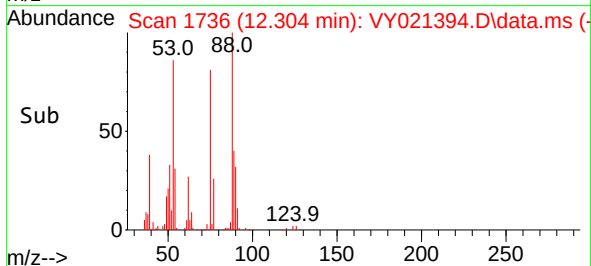
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 27000
Ion Ratio Lower Upper
75 100
53 104.4 79.1 118.7
89 46.5 35.6 53.4

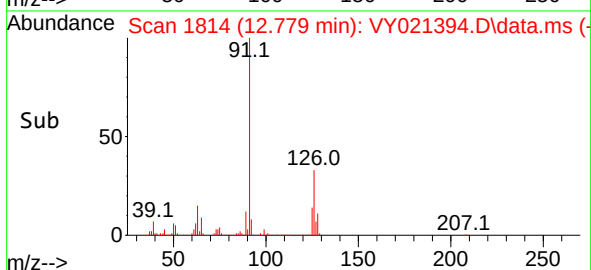
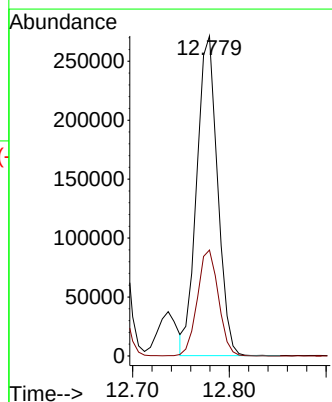
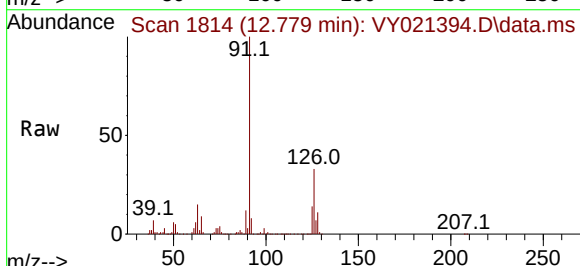
Manual Integrations
APPROVED

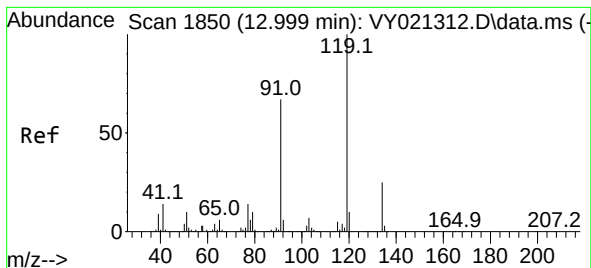
Reviewed By :John Carlone 03/03/2025
Supervised By :Mahesh Dadoda 03/03/2025



#82
4-Chlorotoluene
Concen: 50.161 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. -0.000 min
Lab File: VY021394.D
Acq: 28 Feb 2025 20:35

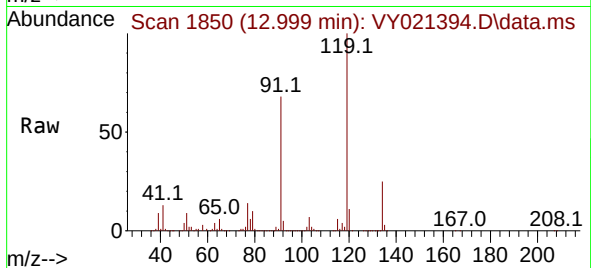
Tgt Ion: 91 Resp: 405427
Ion Ratio Lower Upper
91 100
126 33.7 16.8 50.4





#83
tert-Butylbenzene
Concen: 48.992 ug/l
RT: 12.999 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VY021394.D
Acq: 28 Feb 2025 20:35

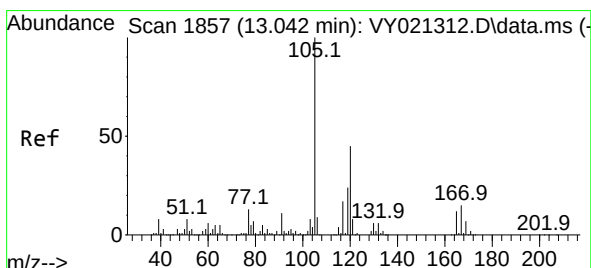
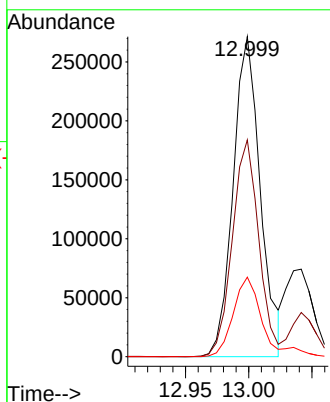
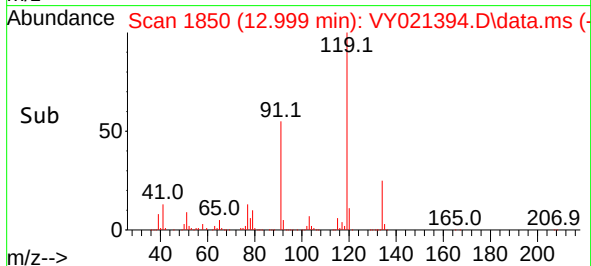
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



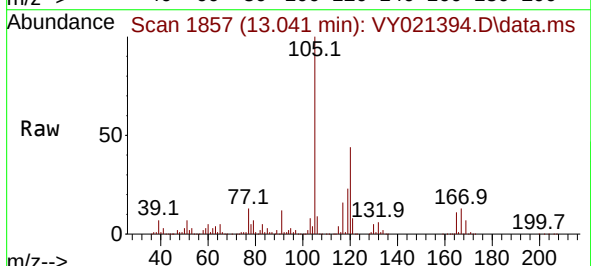
Tgt Ion:119 Resp: 406370
Ion Ratio Lower Upper
119 100
91 65.8 32.7 98.1
134 26.7 13.3 39.9

Manual Integrations
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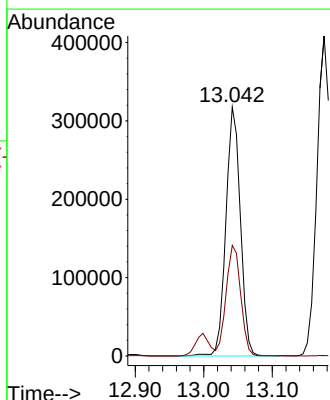
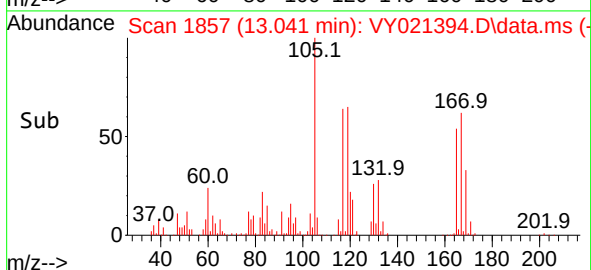
Reviewed By :John Carlone 03/03/2025
Supervised By :Mahesh Dadoda 03/03/2025

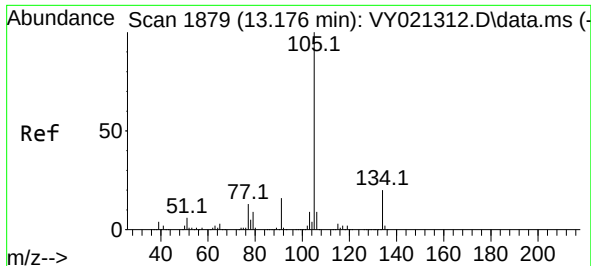


#84
1,2,4-Trimethylbenzene
Concen: 50.779 ug/l
RT: 13.041 min Scan# 1857
Delta R.T. -0.000 min
Lab File: VY021394.D
Acq: 28 Feb 2025 20:35



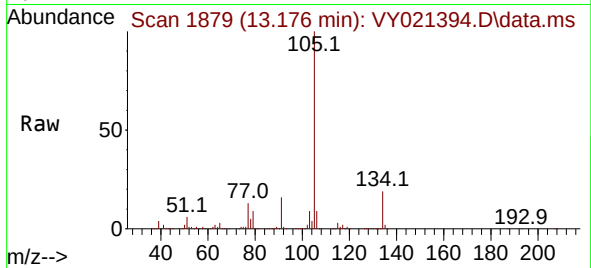
Tgt Ion:105 Resp: 463737
Ion Ratio Lower Upper
105 100
120 44.9 22.4 67.3





#85
 sec-Butylbenzene
 Concen: 48.567 ug/l
 RT: 13.176 min Scan# 1879
 Delta R.T. -0.000 min
 Lab File: VY021394.D
 Acq: 28 Feb 2025 20:35

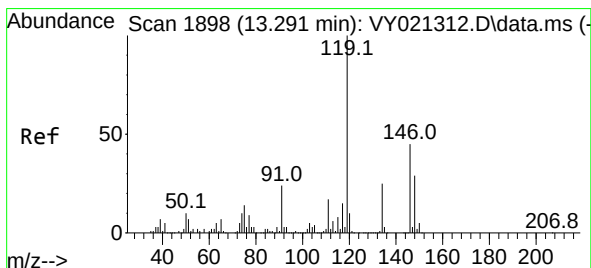
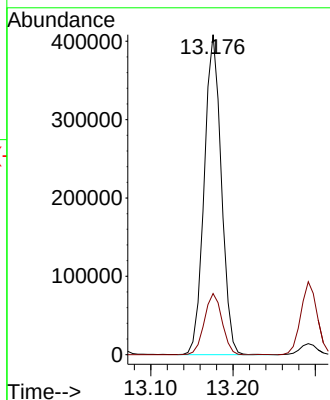
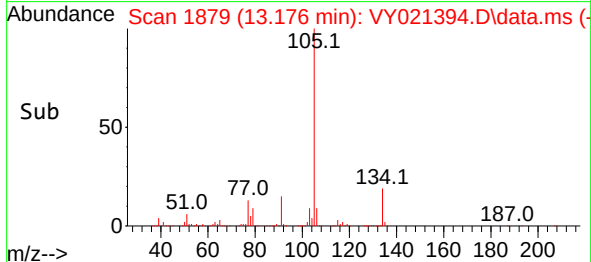
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC



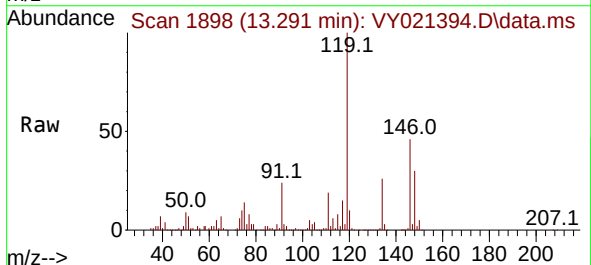
Tgt Ion:105 Resp: 588438
 Ion Ratio Lower Upper
 105 100
 134 19.8 10.0 30.0

Manual Integrations
 APPROVED

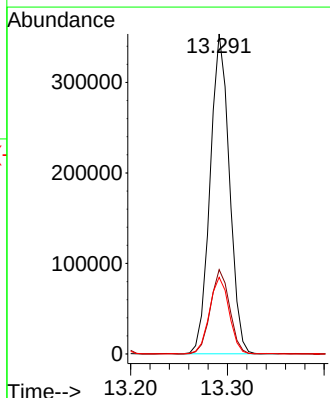
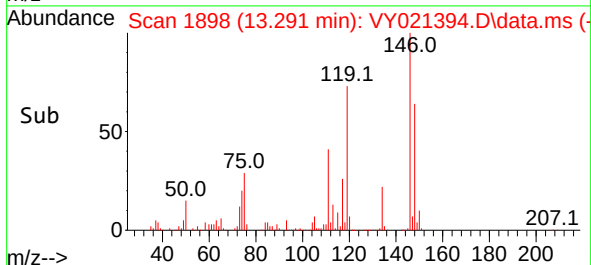
Reviewed By :John Carlone 03/03/2025
 Supervised By :Mahesh Dadoda 03/03/2025

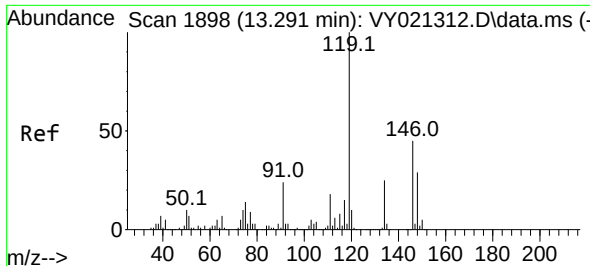


#86
 p-Isopropyltoluene
 Concen: 48.374 ug/l
 RT: 13.291 min Scan# 1898
 Delta R.T. -0.000 min
 Lab File: VY021394.D
 Acq: 28 Feb 2025 20:35



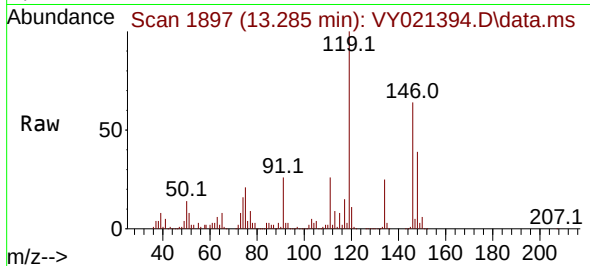
Tgt Ion:119 Resp: 489393
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.0 38.9
 91 24.4 12.0 36.1





#87
1,3-Dichlorobenzene
Concen: 50.673 ug/l
RT: 13.285 min Scan# 1897
Delta R.T. -0.006 min
Lab File: VY021394.D
Acq: 28 Feb 2025 20:35

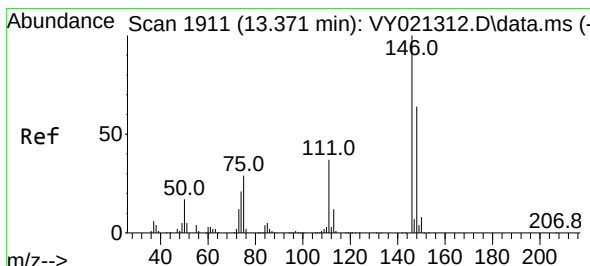
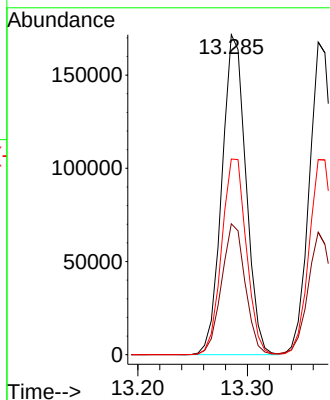
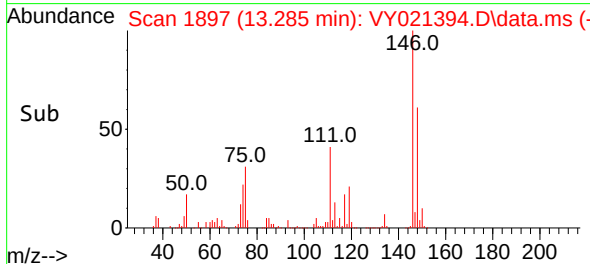
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion:146 Resp: 26103
Ion Ratio Lower Upper
146 100
111 40.5 20.0 59.9
148 62.8 31.9 95.9

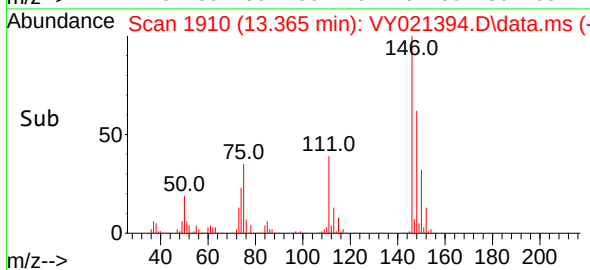
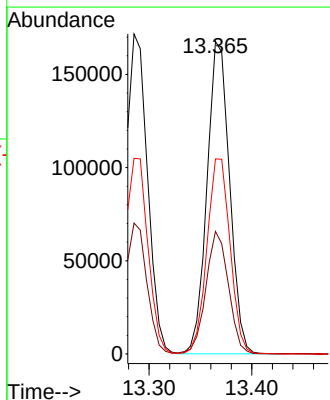
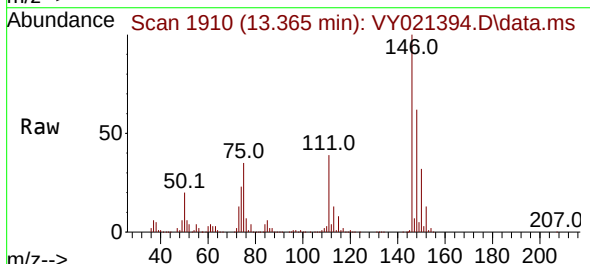
Manual Integrations
APPROVED

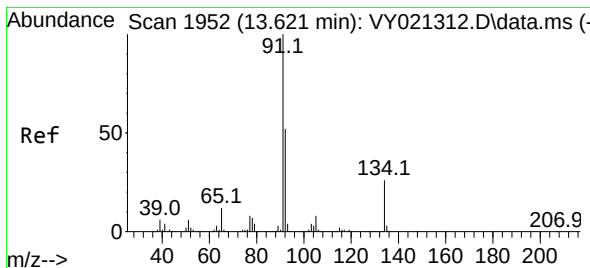
Reviewed By :John Carlone 03/03/2025
Supervised By :Mahesh Dadoda 03/03/2025



#88
1,4-Dichlorobenzene
Concen: 50.308 ug/l
RT: 13.365 min Scan# 1910
Delta R.T. -0.006 min
Lab File: VY021394.D
Acq: 28 Feb 2025 20:35

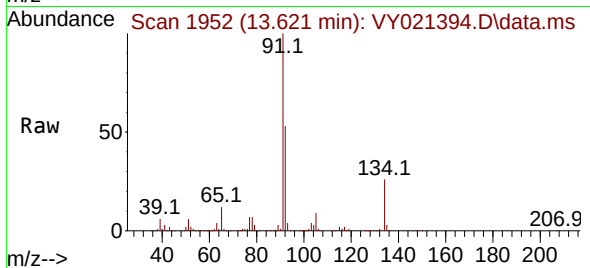
Tgt Ion:146 Resp: 256010
Ion Ratio Lower Upper
146 100
111 39.2 19.5 58.5
148 64.2 32.0 96.2





#89
n-Butylbenzene
Concen: 46.782 ug/l
RT: 13.621 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VY021394.D
Acq: 28 Feb 2025 20:35

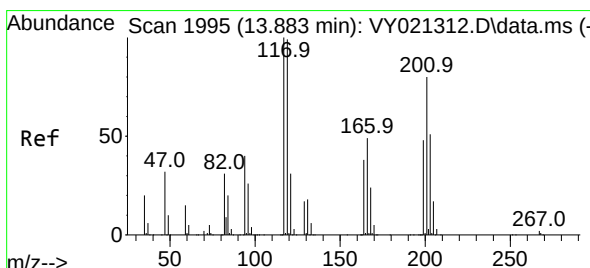
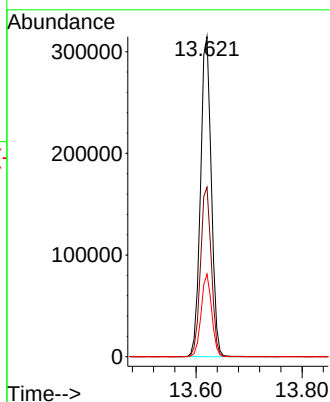
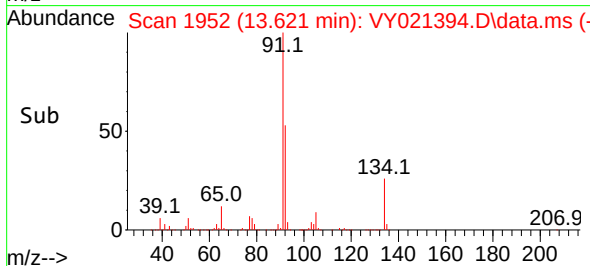
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 44538
Ion Ratio Lower Upper
91 100
92 53.2 26.4 79.2
134 25.2 12.7 38.0

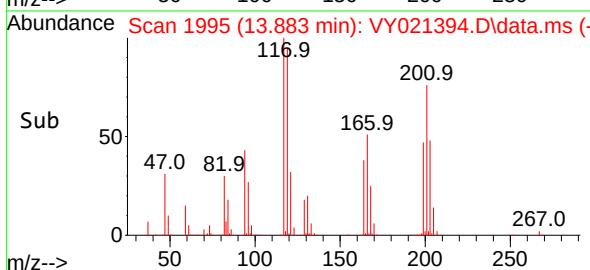
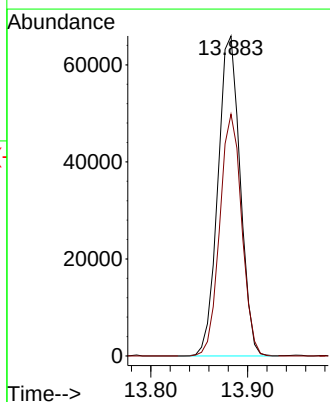
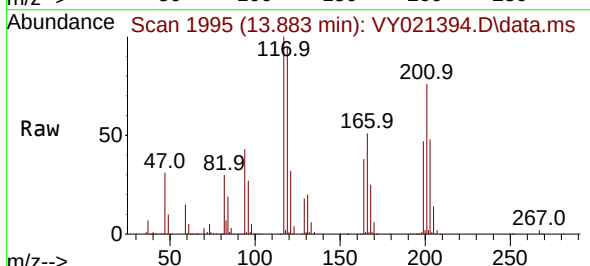
Manual Integrations
APPROVED

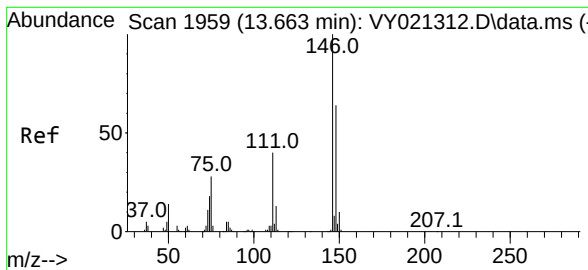
Reviewed By :John Carlone 03/03/2025
Supervised By :Mahesh Dadoda 03/03/2025



#90
Hexachloroethane
Concen: 49.780 ug/l
RT: 13.883 min Scan# 1995
Delta R.T. -0.000 min
Lab File: VY021394.D
Acq: 28 Feb 2025 20:35

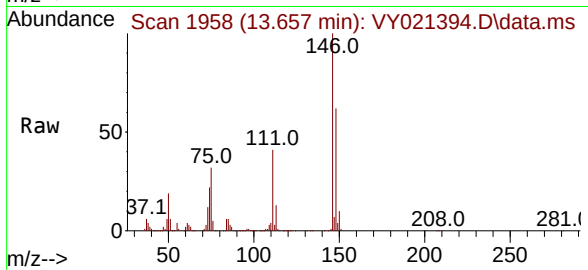
Tgt Ion:117 Resp: 105196
Ion Ratio Lower Upper
117 100
201 74.5 38.4 115.2





#91
1,2-Dichlorobenzene
Concen: 51.330 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. -0.006 min
Lab File: VY021394.D
Acq: 28 Feb 2025 20:35

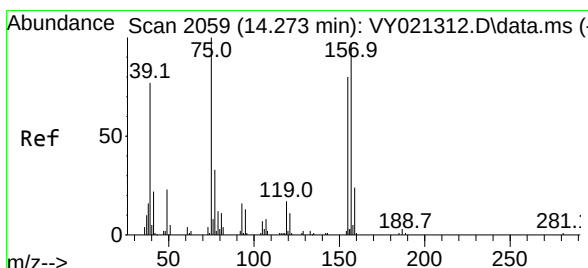
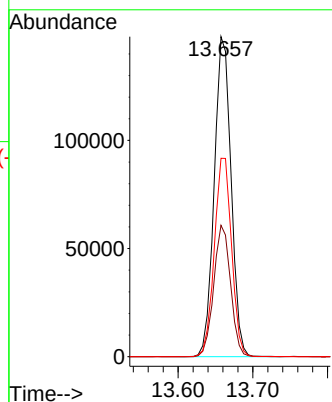
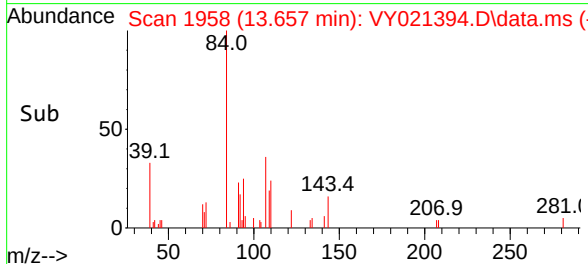
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



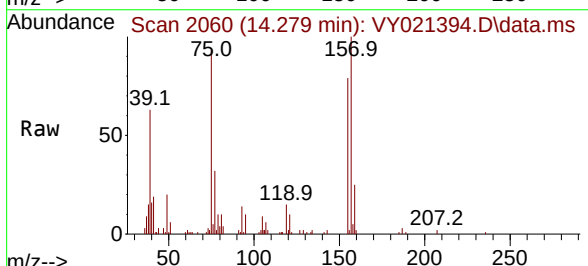
Tgt Ion:146 Resp: 23166
Ion Ratio Lower Upper
146 100
111 41.0 20.7 62.1
148 63.5 31.7 95.1

Manual Integrations
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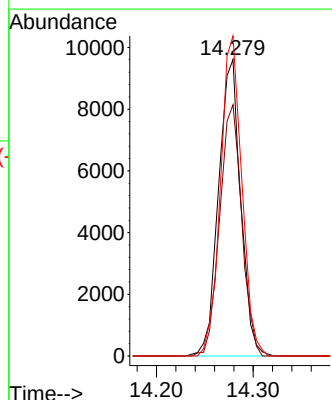
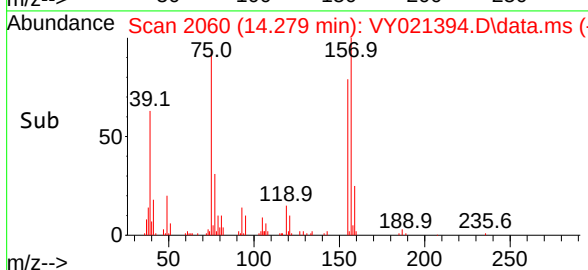
Reviewed By :John Carlone 03/03/2025
Supervised By :Mahesh Dadoda 03/03/2025

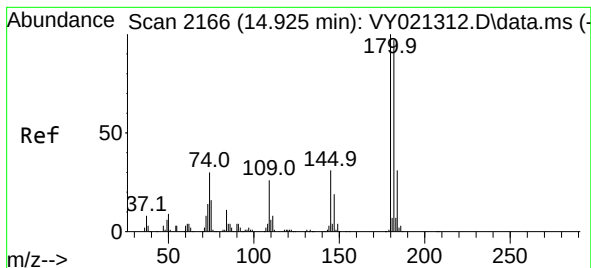


#92
1,2-Dibromo-3-Chloropropane
Concen: 48.622 ug/l
RT: 14.279 min Scan# 2060
Delta R.T. 0.006 min
Lab File: VY021394.D
Acq: 28 Feb 2025 20:35



Tgt Ion: 75 Resp: 15198
Ion Ratio Lower Upper
75 100
155 84.4 41.9 125.6
157 104.3 52.5 157.6





#93

1,2,4-Trichlorobenzene

Concen: 46.302 ug/l

RT: 14.925 min Scan# 2166

Delta R.T. -0.000 min

Lab File: VY021394.D

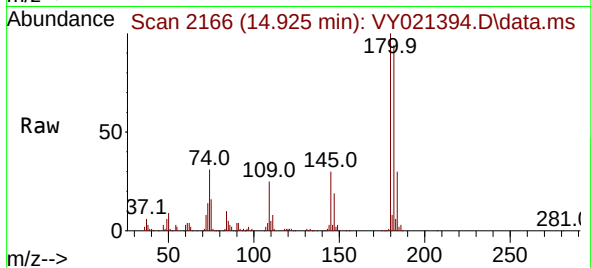
Acq: 28 Feb 2025 20:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC



Tgt Ion:180 Resp: 12754

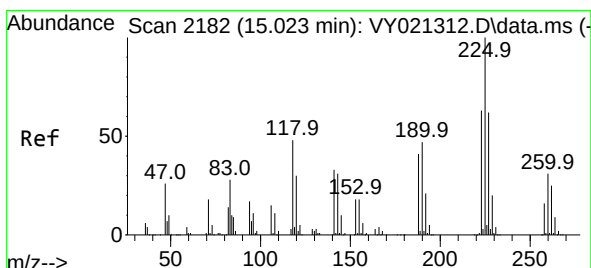
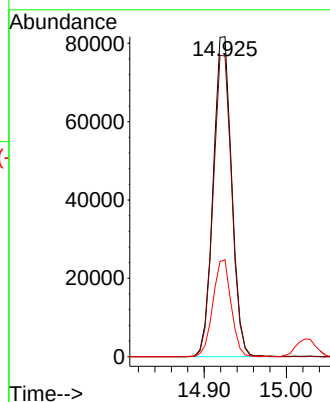
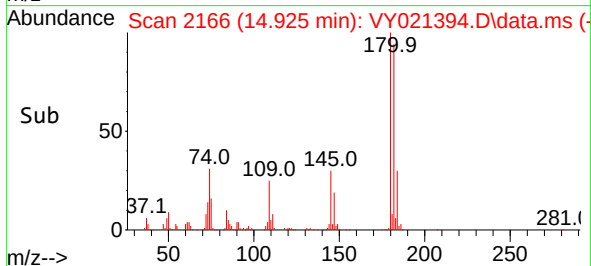
Ion	Ratio	Lower	Upper
180	100		
182	94.3	47.9	143.7
145	29.9	15.6	46.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/03/2025

Supervised By :Mahesh Dadoda 03/03/2025



#94

Hexachlorobutadiene

Concen: 43.118 ug/l

RT: 15.023 min Scan# 2182

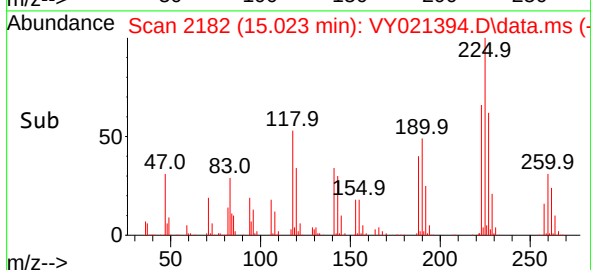
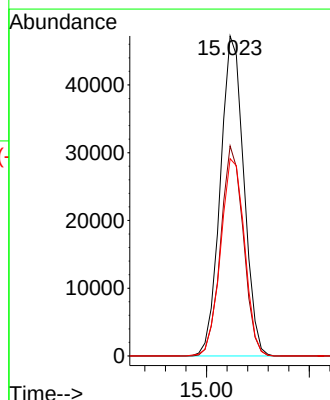
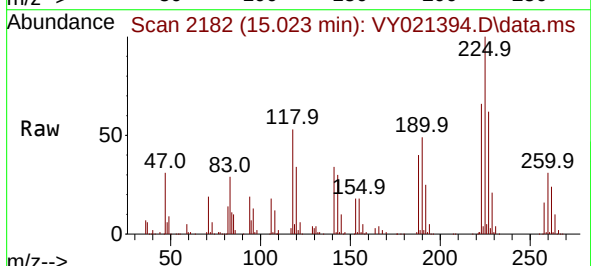
Delta R.T. -0.000 min

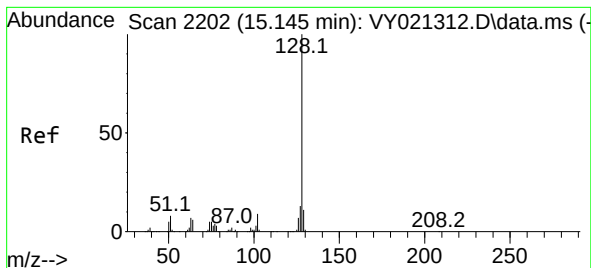
Lab File: VY021394.D

Acq: 28 Feb 2025 20:35

Tgt Ion:225 Resp: 74774

Ion	Ratio	Lower	Upper
225	100		
223	63.3	31.8	95.4
227	62.7	31.9	95.7





#95

Naphthalene

Concen: 48.428 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. -0.000 min

Lab File: VY021394.D

Acq: 28 Feb 2025 20:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion:128 Resp: 22095

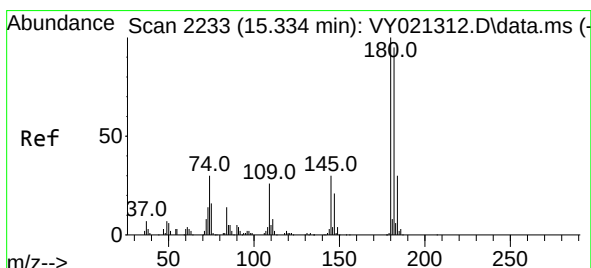
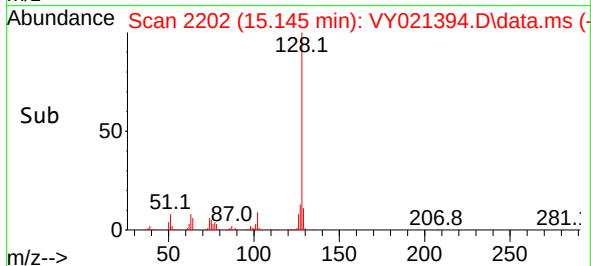
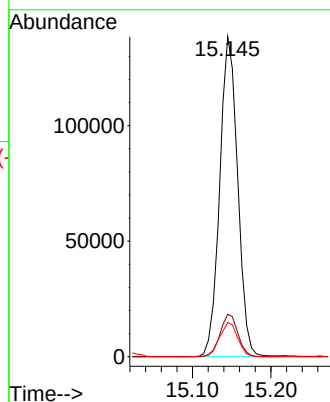
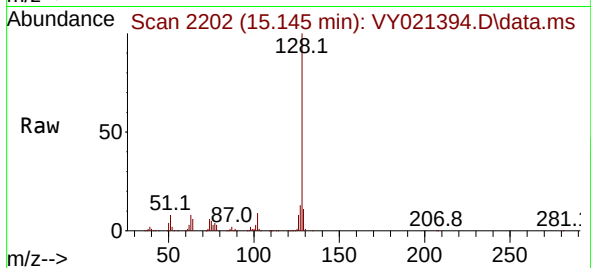
Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.5	15.7
129	10.8	8.5	12.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/03/2025

Supervised By :Mahesh Dadoda 03/03/2025



#96

1,2,3-Trichlorobenzene

Concen: 47.627 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. -0.006 min

Lab File: VY021394.D

Acq: 28 Feb 2025 20:35

Tgt Ion:180 Resp: 110845

Ion	Ratio	Lower	Upper
180	100		
182	93.8	48.3	144.9
145	31.7	16.1	48.3

