

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032924\
 Data File : VX040832.D
 Acq On : 29 Mar 2024 09:29
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

04/01/2024
 Supervised By :Mahesh
 Dadoda

Quant Time: Mar 29 22:56:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X032824W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Mar 29 05:24:11 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.891	128	4150	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	34169	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.049	117	41199	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	22083	31.048	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	103.500%
60) 4-Bromofluorobenzene	11.079	95	26067	28.964	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	96.533%
63) Toluene-d8	8.647	98	50359	31.180	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	103.933%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.173	85	16168	22.253	ug/l	96
3) Chloromethane	1.301	50	14289	21.544	ug/l	94
4) Vinyl Chloride	1.374	62	15527	22.718	ug/l	95
5) Bromomethane	1.612	94	11306	26.187	ug/l	97
6) Chloroethane	1.691	64	9763	22.585	ug/l	100
7) Trichlorofluoromethane	1.892	101	24461	20.642	ug/l	99
8) Diethyl Ether	2.130	74	7475	20.231	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.337	101	14666	22.123	ug/l	97
10) 1,1-Dichloroethene	2.325	96	13559	21.823	ug/l	99
11) Methyl Iodide	2.453	142	18530	21.819	ug/l	93
12) Methyl Acetate	2.703	43	17594	19.725	ug/l	96
13) Acrolein	2.233	56	9371	95.902	ug/l	99
14) Acrylonitrile	3.056	53	39928	102.821	ug/l	99
15) Acetone	2.374	58	10699	97.155	ug/l	72
16) Carbon Disulfide	2.514	76	38024	21.790	ug/l	98
17) Allyl chloride	2.666	41	23712	20.788	ug/l	86
18) Methylene Chloride	2.788	84	14358	21.476	ug/l	97
19) trans-1,2-Dichloroethene	3.093	96	13983	21.536	ug/l	98
20) Diisopropyl ether	3.758	45	46863	21.101	ug/l #	97
21) 1,1-Dichloroethane	3.611	63	27011	21.544	ug/l	100
22) cis-1,2-Dichloroethene	4.483	96	16029	21.012	ug/l	92
23) tert-Butyl Alcohol	2.947	59	17842	99.047	ug/l #	100
24) Methyl tert-Butyl Ether	3.111	73	46608	21.081	ug/l	93
25) Chloroform	5.093	83	29629	21.802	ug/l	97
26) Cyclohexane	5.465	56	22834	21.910	ug/l #	99
29) 1,1-Dichloropropene	5.690	75	20402	21.398	ug/l	96
30) 2-Butanone	4.544	43	60631	100.504	ug/l	96
31) 2,2-Dichloropropane	4.477	77	24068	21.374	ug/l	95
32) 1,1,1-Trichloroethane	5.379	97	26059	20.700	ug/l	96
33) Carbon Tetrachloride	5.672	117	23039	21.202	ug/l	93
34) Benzene	6.038	78	56483	20.652	ug/l	99
35) Methacrylonitrile	4.910	41	12604	19.742	ug/l	95
36) 1,2-Dichloroethane	6.080	62	23983	20.182	ug/l #	86
37) Trichloroethene	7.123	130	13419	19.861	ug/l	95
38) Methylcyclohexane	7.379	83	23483	20.862	ug/l	95
39) 1,2-Dichloropropane	7.428	63	13302	20.471	ug/l	100
40) Dibromomethane	7.574	93	11311	20.994	ug/l	97
41) Bromodichloromethane	7.818	83	23087	21.108	ug/l #	97
42) Vinyl Acetate	3.715	43	227725	102.129	ug/l	99

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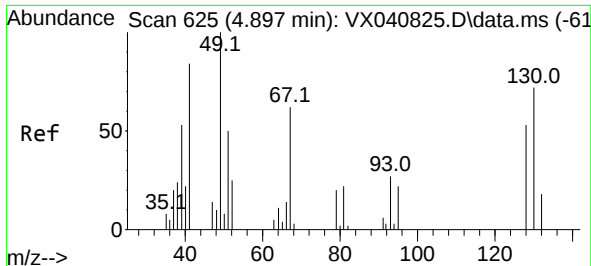
Reviewed By :John
 Carlone

Quant Time: Mar 29 22:56:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X032824W.M
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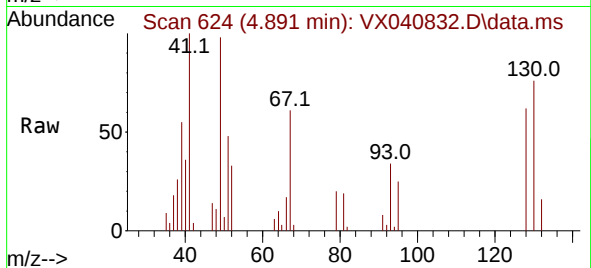
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43) Ethyl Acetate	4.709	43	23738	20.218	ug/l	100
44) Isopropyl Acetate	6.330	43	37581	20.033	ug/l	94
45) 1,4-Dioxane	7.653	88	6952	395.765	ug/l	97
46) Methyl methacrylate	7.690	41	18803	20.819	ug/l	94
47) n-amyl Acetate	10.842	43	32480	19.227	ug/l	99
48) t-1,3-Dichloropropene	8.976	75	21542	19.853	ug/l	99
49) cis-1,3-Dichloropropene	8.360	75	23991	21.402	ug/l #	87
50) 1,1,2-Trichloroethane	9.147	97	13494	20.423	ug/l	96
51) Ethyl methacrylate	9.110	69	22341	19.360	ug/l	95
52) 1,3-Dichloropropane	9.305	76	22523	19.833	ug/l	98
53) Dibromochloromethane	9.519	129	16271	20.553	ug/l	99
54) 1,2-Dibromoethane	9.610	107	14457	19.768	ug/l	99
55) 2-Chloroethyl vinyl ether	8.238	63	47060	83.371	ug/l	100
56) Bromoform	10.799	173	11329	20.583	ug/l #	99
58) 4-Methyl-2-Pentanone	8.568	43	125322	107.704	ug/l	97
59) 2-Hexanone	9.427	43	93248	100.558	ug/l	94
61) Tetrachloroethene	9.269	164	11479	20.785	ug/l	95
62) Toluene	8.714	91	63132	22.657	ug/l	99
64) Chlorobenzene	10.080	112	38931	21.613	ug/l	98
65) 1,1,1,2-Tetrachloroethane	10.159	131	13693	21.691	ug/l	96
66) Ethyl Benzene	10.189	91	70711	21.590	ug/l	98
67) m/p-Xylenes	10.299	106	51259	42.630	ug/l	94
68) o-Xylene	10.640	106	23780	20.993	ug/l	90
69) Styrene	10.653	104	41225	20.974	ug/l	96
70) Isopropylbenzene	10.964	105	64555	20.921	ug/l	98
71) 1,1,2,2-Tetrachloroethane	11.207	83	22016	20.544	ug/l	98
72) 1,2,3-Trichloropropane	11.238	75	19171m	21.130	ug/l	
73) Bromobenzene	11.195	156	15724	21.370	ug/l	98
74) n-propylbenzene	11.305	91	82325	21.371	ug/l	100
75) 2-Chlorotoluene	11.360	91	48566	21.321	ug/l	99
76) 1,3,5-Trimethylbenzene	11.451	105	58885	22.053	ug/l	99
77) t-1,4-Dichloro-2-butene	11.018	75	6701	18.564	ug/l	77
78) 4-Chlorotoluene	11.451	91	60069	22.191	ug/l	98
79) tert-butylbenzene	11.713	119	56715	22.073	ug/l	97
80) 1,2,4-Trimethylbenzene	11.750	105	55952	21.145	ug/l	100
81) sec-Butylbenzene	11.890	105	70450	21.382	ug/l	99
82) p-Isopropyltoluene	12.006	119	60806	21.795	ug/l	99
83) 1,3-Dichlorobenzene	11.969	146	30954	21.665	ug/l	98
84) 1,4-Dichlorobenzene	12.037	146	31278	21.243	ug/l	99
85) n-Butylbenzene	12.329	91	60001	21.625	ug/l	97
86) Hexachloroethane	12.536	117	9929	20.031	ug/l	89
87) 1,2-Dichlorobenzene	12.335	146	29501	21.346	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	12.939	75	5561	20.162	ug/l	97
89) 1,2,4-Trichlorobenzene	13.585	180	20730	21.501	ug/l	97
90) Hexachlorobutadiene	13.725	225	8530	23.591	ug/l	99
91) Naphthalene	13.774	128	69393	21.520	ug/l	99
92) 1,2,3-Trichlorobenzene	13.957	180	20325	22.115	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.891 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX040832.D
Acq: 29 Mar 2024 09:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



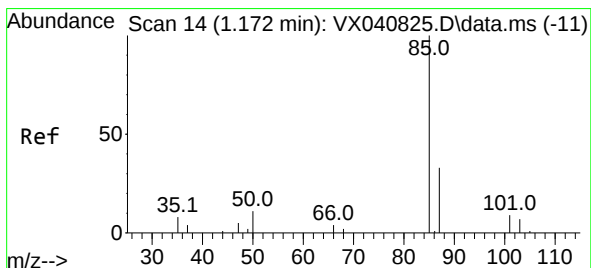
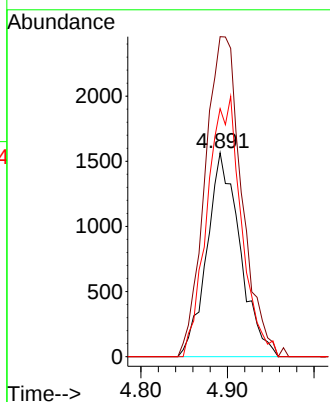
Tgt Ion:128 Resp: 4150
Ion Ratio Lower Upper
128 100
49 174.1 0.0 444.0
130 131.8 0.0 297.8

Manual Integrations
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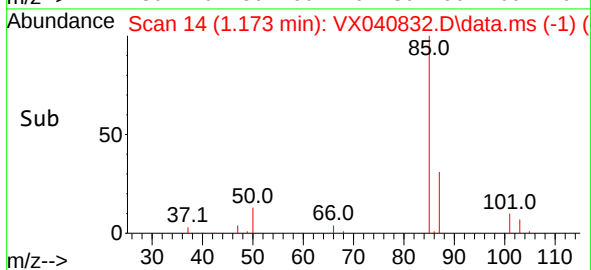
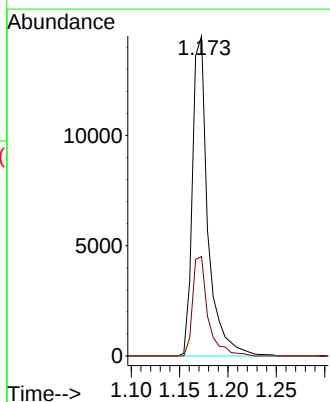
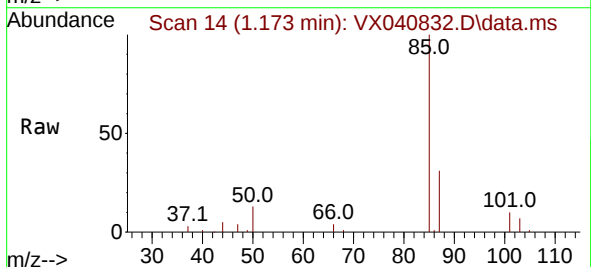
04/01/2024
Supervised By :Mahesh
Dadoda

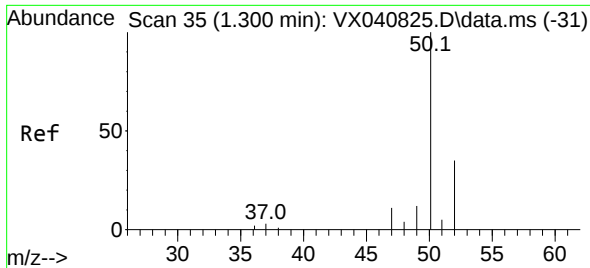
04/01/2024



#2
Dichlorodifluoromethane
Concen: 22.253 ug/l
RT: 1.173 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX040832.D
Acq: 29 Mar 2024 09:29

Tgt Ion: 85 Resp: 16168
Ion Ratio Lower Upper
85 100
87 31.0 16.7 50.1





#3
Chloromethane
Concen: 21.544 ug/l
RT: 1.301 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX040832.D
Acq: 29 Mar 2024 09:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

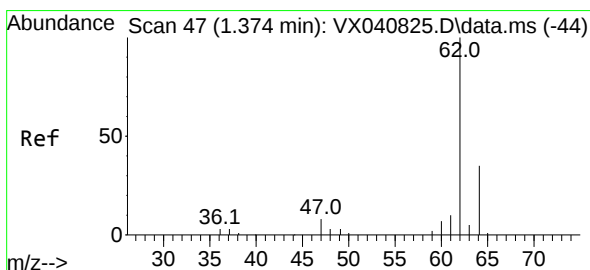
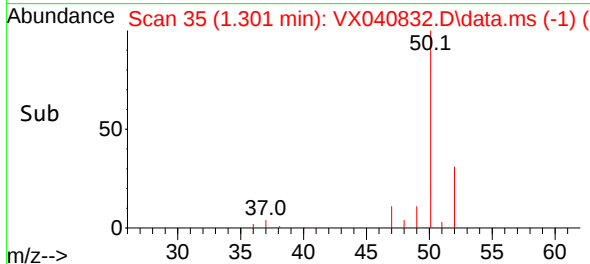
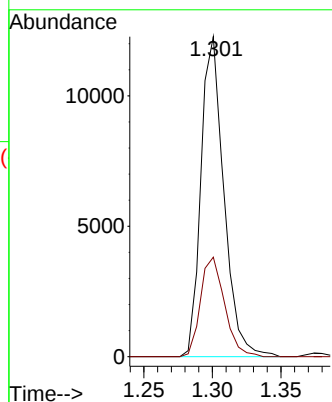
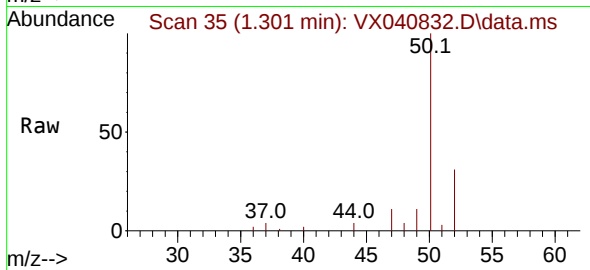
Tgt Ion: 50 Resp: 14289
Ion Ratio Lower Upper
50 100
52 31.1 27.8 41.8

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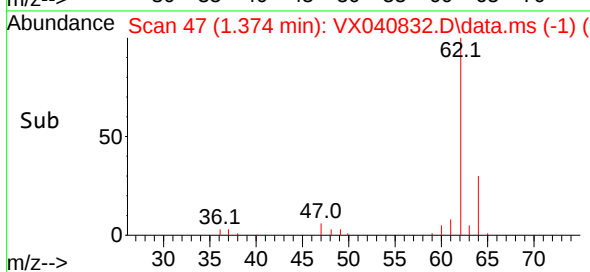
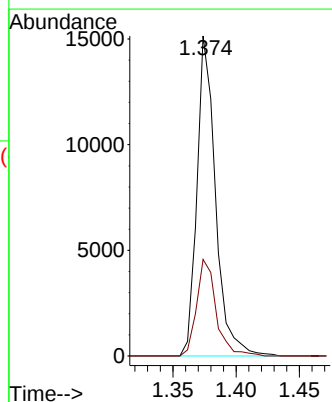
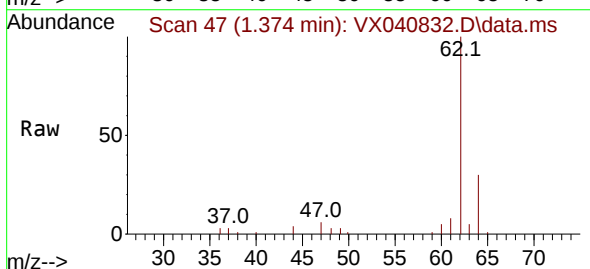
04/01/2024
Supervised By :Mahesh
Dadoda

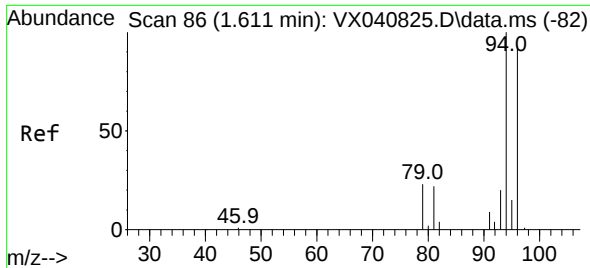
04/01/2024



#4
Vinyl Chloride
Concen: 22.718 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX040832.D
Acq: 29 Mar 2024 09:29

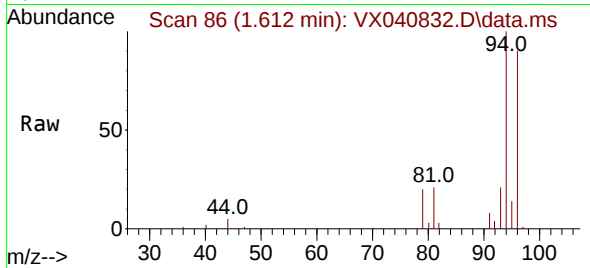
Tgt Ion: 62 Resp: 15527
Ion Ratio Lower Upper
62 100
64 30.2 26.3 39.5





#5
Bromomethane
Concen: 26.187 ug/l
RT: 1.612 min Scan# 86
Delta R.T. 0.000 min
Lab File: VX040832.D
Acq: 29 Mar 2024 09:29

Instrument :
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ClientSampleId :
VSTDCCC020



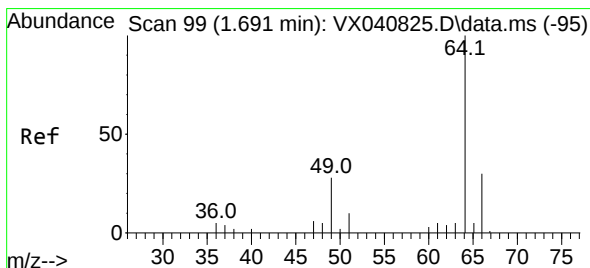
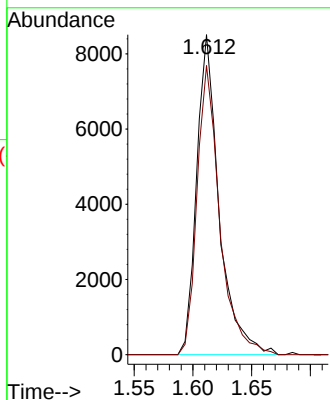
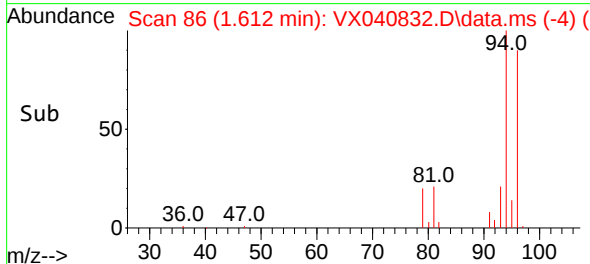
Tgt Ion: 94 Resp: 11300
Ion Ratio Lower Upper
94 100
96 90.4 74.9 112.3

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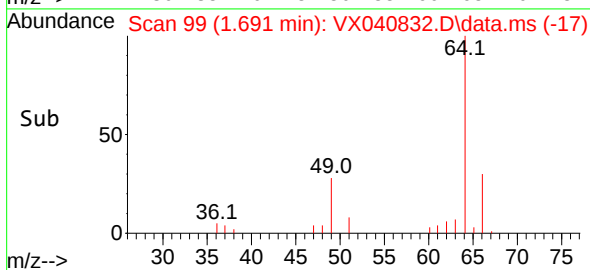
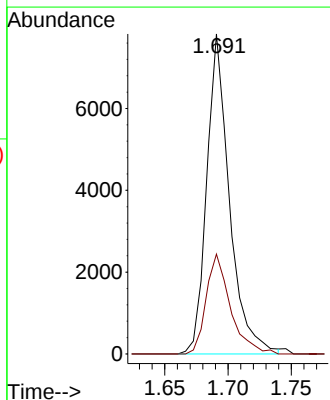
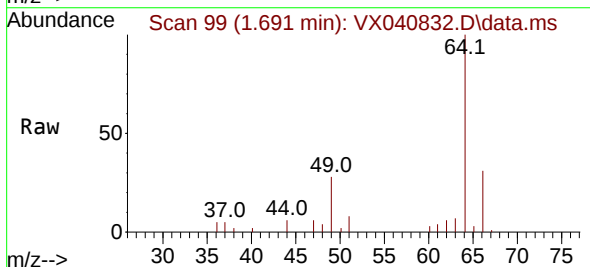
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Dadoda

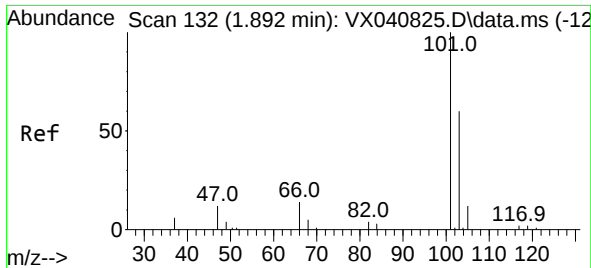
04/01/2024



#6
Chloroethane
Concen: 22.585 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.000 min
Lab File: VX040832.D
Acq: 29 Mar 2024 09:29

Tgt Ion: 64 Resp: 9763
Ion Ratio Lower Upper
64 100
66 31.2 25.0 37.6





#7
Trichlorofluoromethane
Concen: 20.642 ug/l
RT: 1.892 min Scan# 111
Delta R.T. 0.000 min
Lab File: VX040832.D
Acq: 29 Mar 2024 09:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

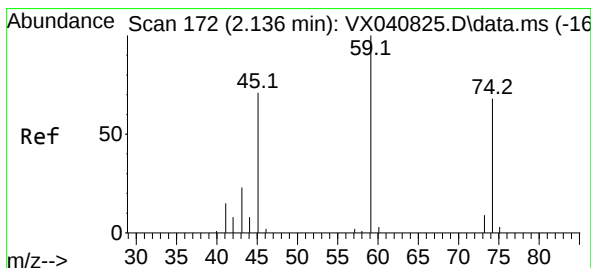
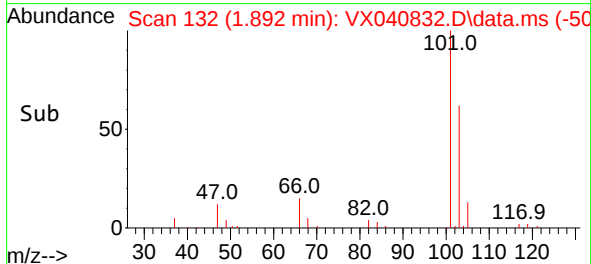
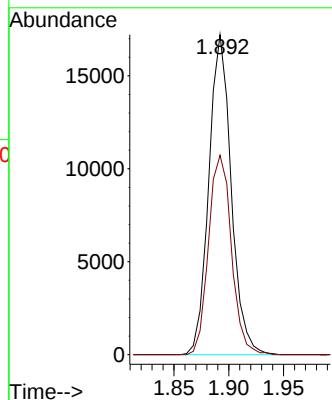
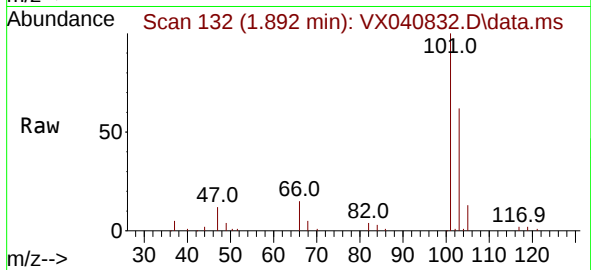
Tgt Ion:101 Resp: 2446
Ion Ratio Lower Upper
101 100
103 62.3 49.1 73.7

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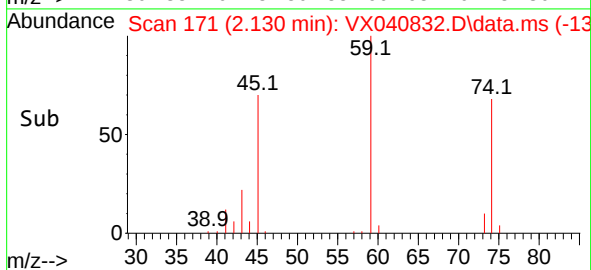
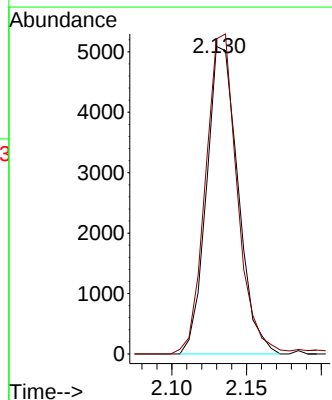
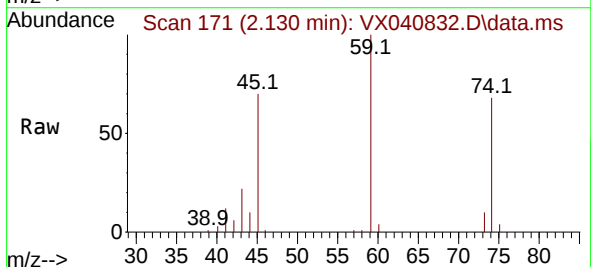
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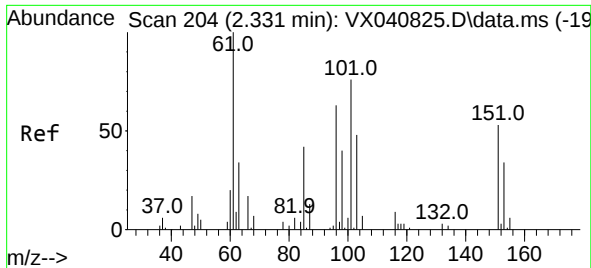
04/01/2024



#8
Diethyl Ether
Concen: 20.231 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX040832.D
Acq: 29 Mar 2024 09:29

Tgt Ion: 74 Resp: 7475
Ion Ratio Lower Upper
74 100
45 104.3 20.5 184.5





#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.123 ug/l
RT: 2.337 min Scan# 204
Delta R.T. 0.006 min
Lab File: VX040832.D
Acq: 29 Mar 2024 09:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

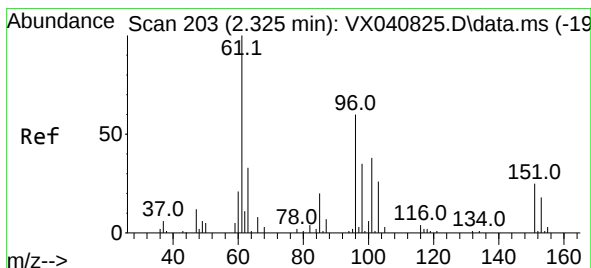
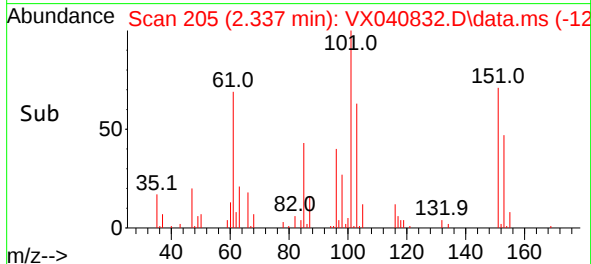
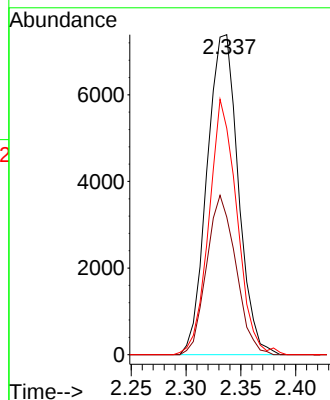
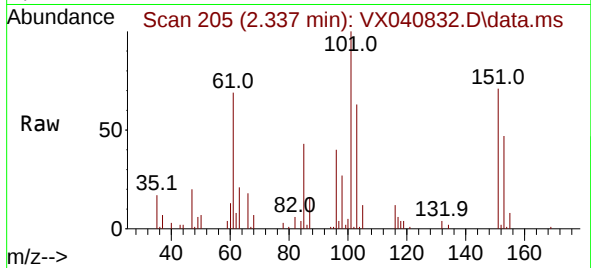
Tgt Ion:101 Resp: 1466
Ion Ratio Lower Upper
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85 46.6 0.0 95.2
151 71.7 0.0 136.8

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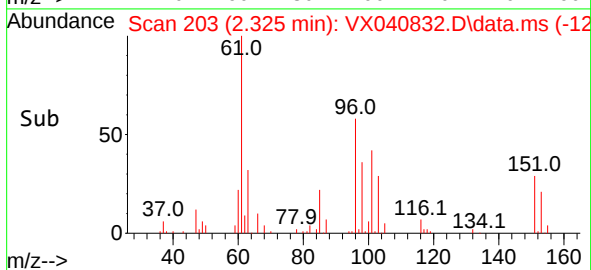
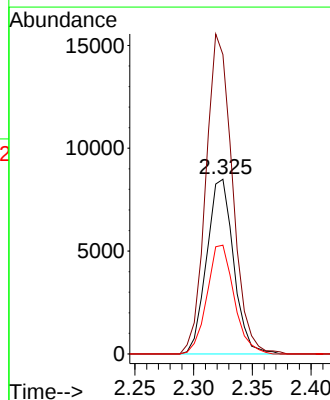
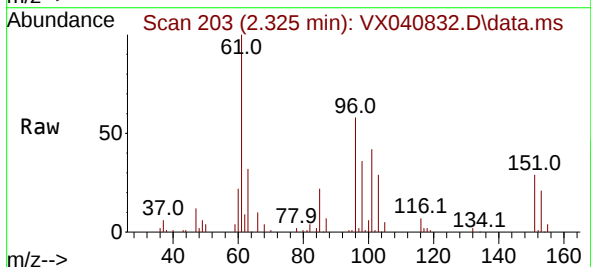
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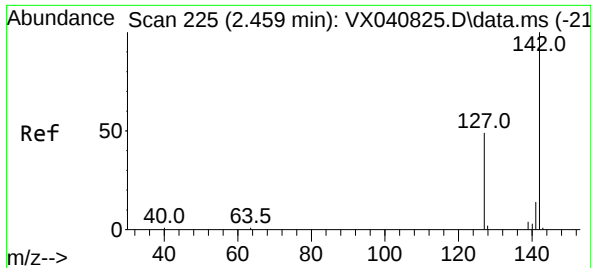
04/01/2024



#10
1,1-Dichloroethene
Concen: 21.823 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX040832.D
Acq: 29 Mar 2024 09:29

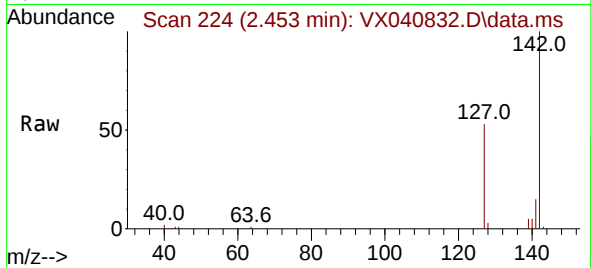
Tgt Ion: 96 Resp: 13559
Ion Ratio Lower Upper
96 100
61 171.3 138.3 207.5
98 62.2 49.8 74.6





#11
Methyl Iodide
Concen: 21.819 ug/l
RT: 2.453 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX040832.D
Acq: 29 Mar 2024 09:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



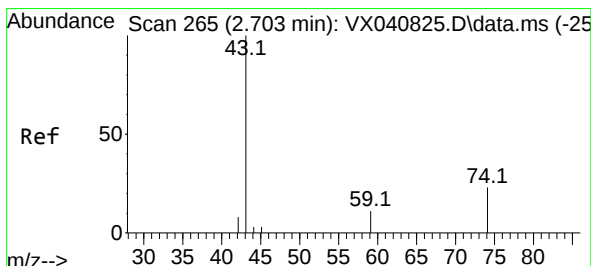
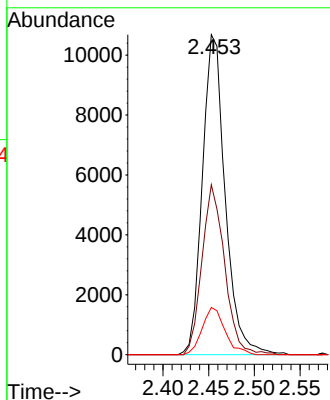
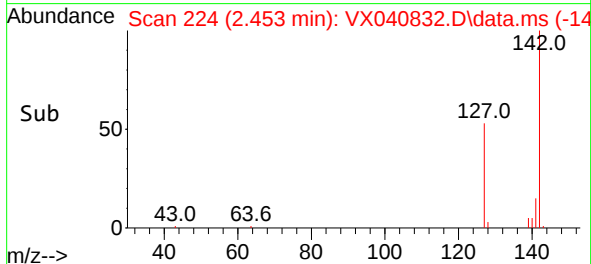
Tgt Ion:142 Resp: 18530
Ion Ratio Lower Upper
142 100
127 53.3 23.8 71.4
141 14.8 6.9 20.6

Manual Integrations
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Reviewed By :John
Carlone

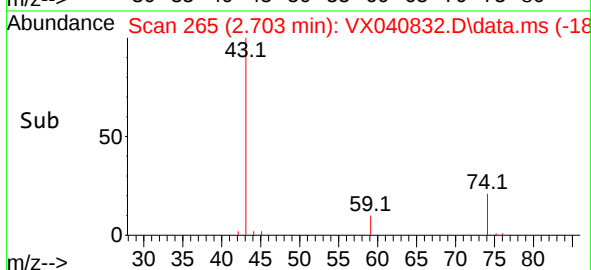
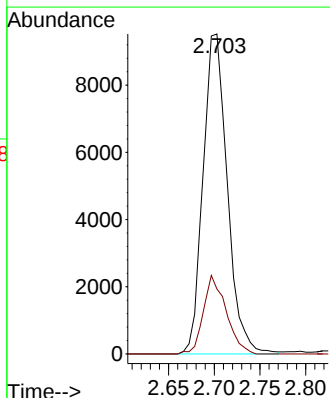
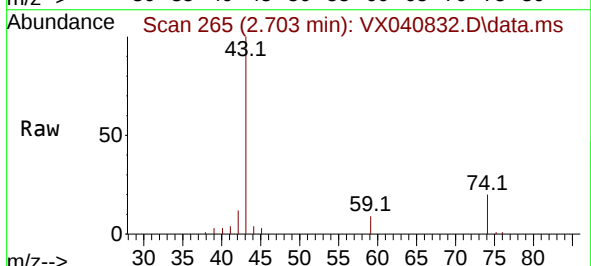
04/01/2024
Supervised By :Mahesh
Dadoda

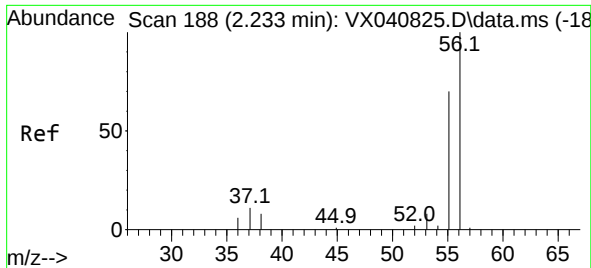
04/01/2024



#12
Methyl Acetate
Concen: 19.725 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX040832.D
Acq: 29 Mar 2024 09:29

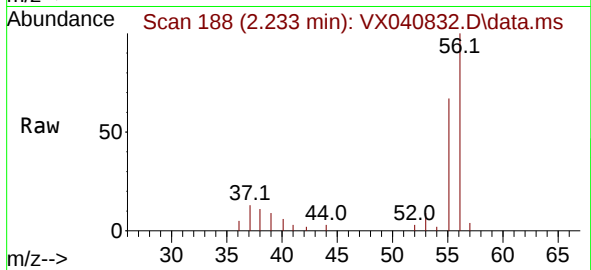
Tgt Ion: 43 Resp: 17594
Ion Ratio Lower Upper
43 100
74 20.3 17.8 26.6





#13
Acrolein
Concen: 95.902 ug/l
RT: 2.233 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX040832.D
Acq: 29 Mar 2024 09:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



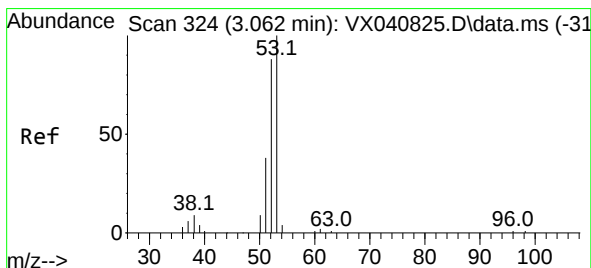
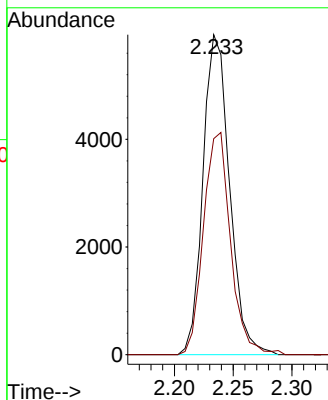
Tgt Ion: 56 Resp: 937
Ion Ratio Lower Upper
56 100
55 70.6 57.2 85.8

Manual Integrations
APPROVED

Reviewed By :John
Carlone

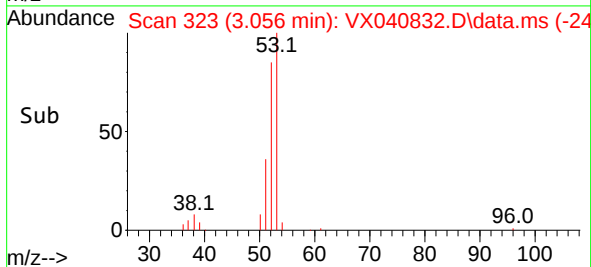
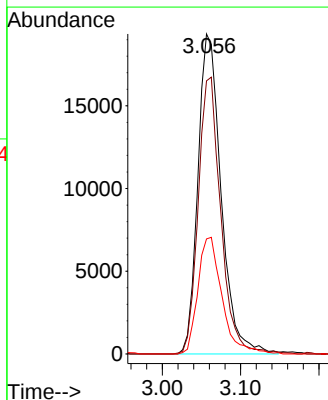
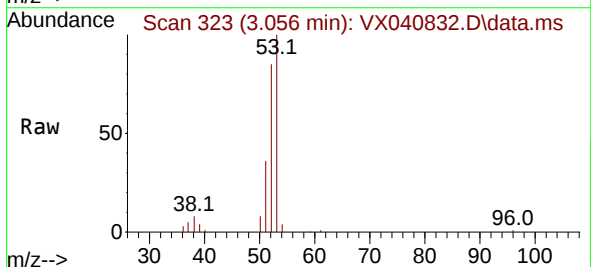
04/01/2024
Supervised By :Mahesh
Dadoda

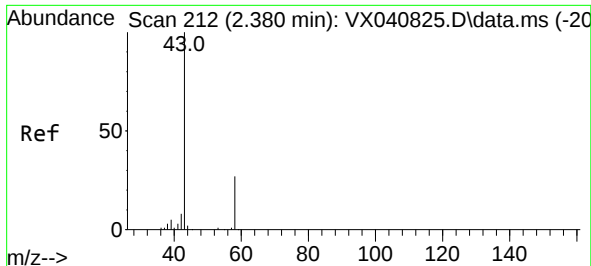
04/01/2024



#14
Acrylonitrile
Concen: 102.821 ug/l
RT: 3.056 min Scan# 323
Delta R.T. -0.006 min
Lab File: VX040832.D
Acq: 29 Mar 2024 09:29

Tgt Ion: 53 Resp: 39928
Ion Ratio Lower Upper
53 100
52 83.0 41.9 125.6
51 37.8 18.3 54.9





#15

Acetone

Concen: 97.155 ug/l

RT: 2.374 min Scan# 211

Delta R.T. -0.006 min

Lab File: VX040832.D

Acq: 29 Mar 2024 09:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion: 58 Resp: 1069

Ion Ratio Lower Upper

58 100

43 368.9 249.9 374.9

Manual Integrations

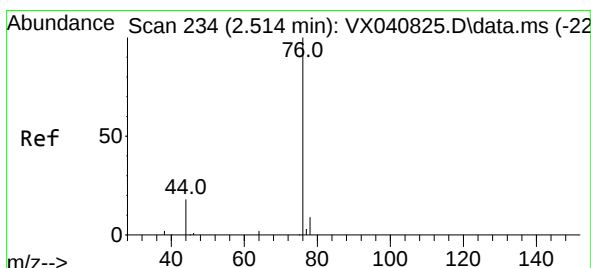
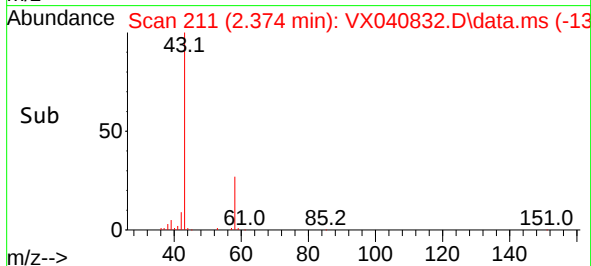
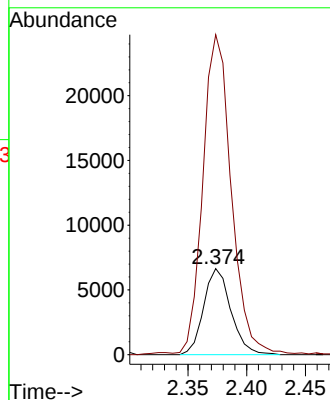
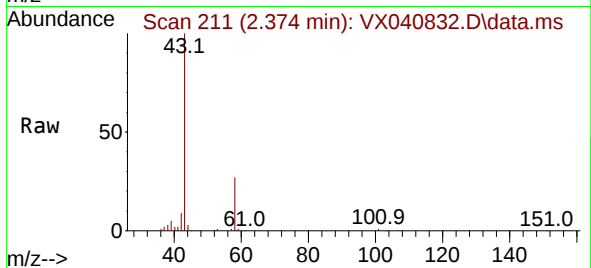
APPROVED

Reviewed By :John
Carlone

04/01/2024

Supervised By :Mahesh
Dadoda

04/01/2024



#16

Carbon Disulfide

Concen: 21.790 ug/l

RT: 2.514 min Scan# 234

Delta R.T. 0.000 min

Lab File: VX040832.D

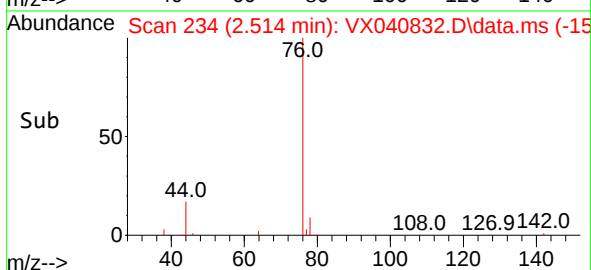
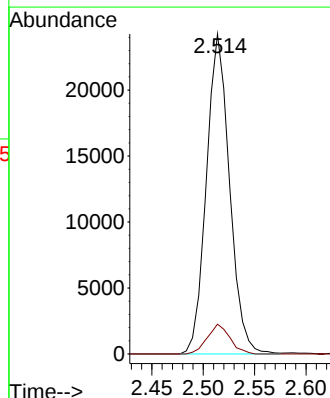
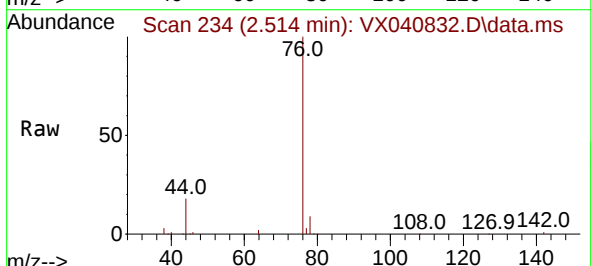
Acq: 29 Mar 2024 09:29

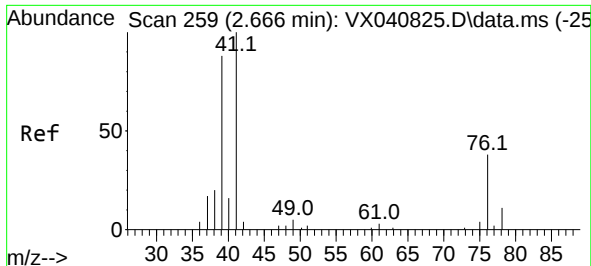
Tgt Ion: 76 Resp: 38024

Ion Ratio Lower Upper

76 100

78 9.3 8.0 12.0





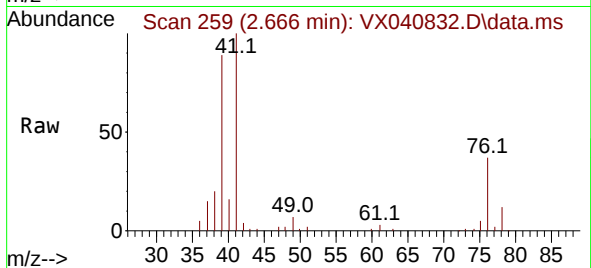
#17
 Allyl chloride
 Concen: 20.788 ug/l
 RT: 2.666 min Scan# 259
 Delta R.T. 0.000 min
 Lab File: VX040832.D
 Acq: 29 Mar 2024 09:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020



Tgt Ion: 41 Resp: 2371
 Ion Ratio Lower Upper
 41 100
 39 88.9 36.5 109.5
 76 36.4 19.7 59.0

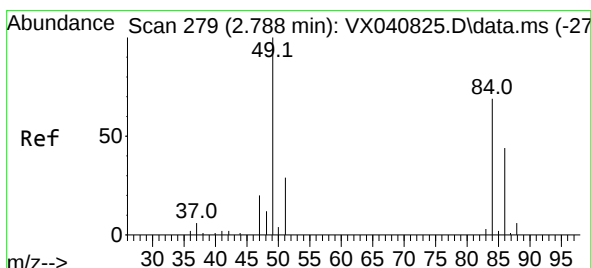
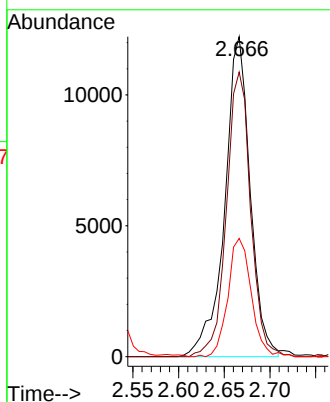
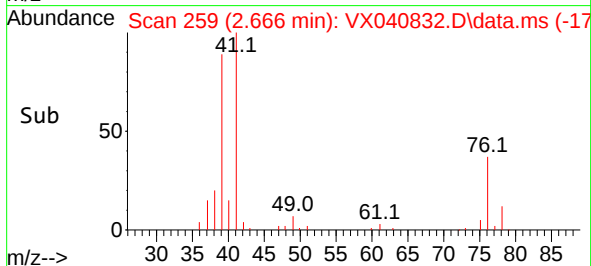
Manual Integrations
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Reviewed By :John
 Carlone

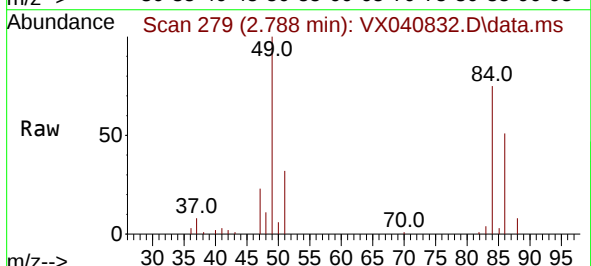
04/01/2024

Supervised By :Mahesh
 Dadoda

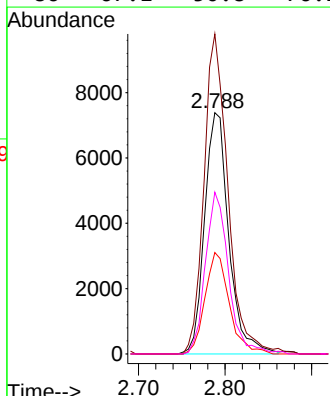
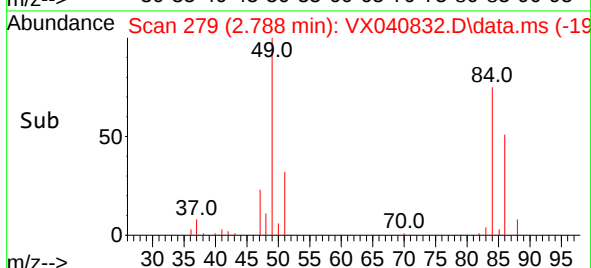
04/01/2024

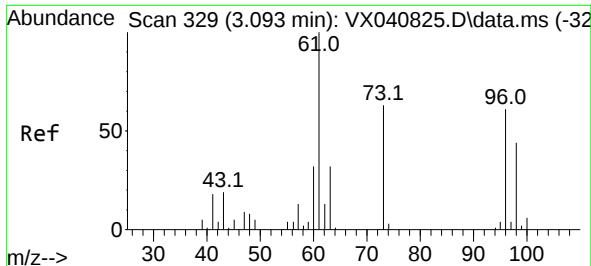


#18
 Methylene Chloride
 Concen: 21.476 ug/l
 RT: 2.788 min Scan# 279
 Delta R.T. 0.000 min
 Lab File: VX040832.D
 Acq: 29 Mar 2024 09:29



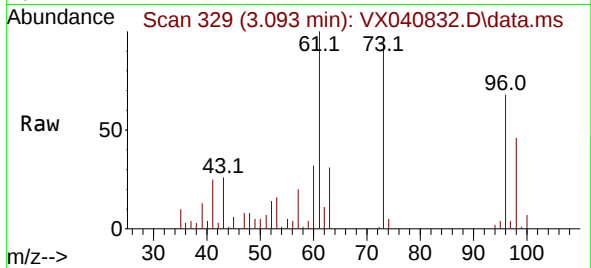
Tgt Ion: 84 Resp: 14358
 Ion Ratio Lower Upper
 84 100
 49 132.7 103.8 155.8
 51 42.0 31.8 47.6
 86 67.1 50.8 76.2





#19
trans-1,2-Dichloroethene
Concen: 21.536 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX040832.D
Acq: 29 Mar 2024 09:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



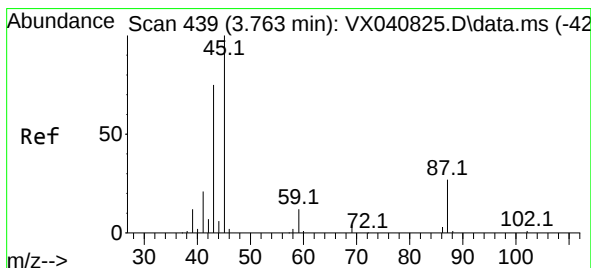
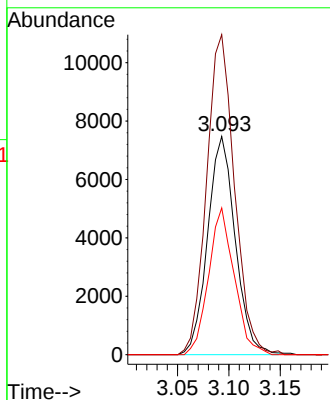
Tgt Ion: 96 Resp: 1398
Ion Ratio Lower Upper
96 100
61 146.6 117.9 176.9
98 67.2 51.0 76.6

Manual Integrations
APPROVED

Reviewed By :John
Carlone

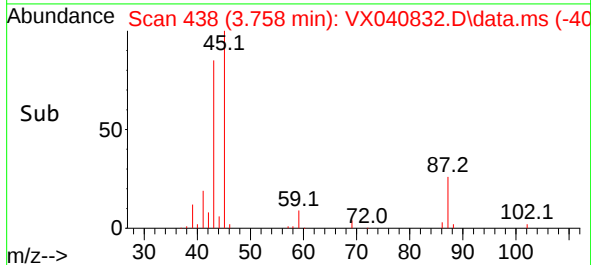
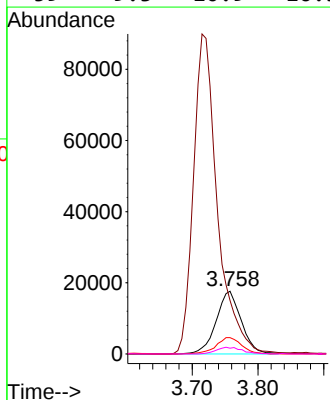
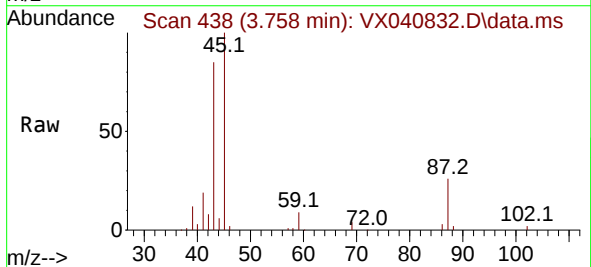
04/01/2024
Supervised By :Mahesh
Dadoda

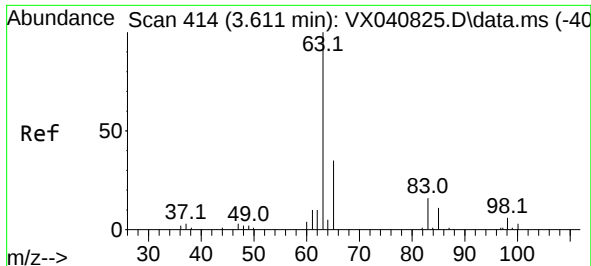
04/01/2024



#20
Diisopropyl ether
Concen: 21.101 ug/l
RT: 3.758 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX040832.D
Acq: 29 Mar 2024 09:29

Tgt Ion: 45 Resp: 46863
Ion Ratio Lower Upper
45 100
43 82.8 67.7 101.5
87 26.0 21.5 32.3
59 9.3 10.9 16.3





#21

1,1-Dichloroethane

Concen: 21.544 ug/l

RT: 3.611 min Scan# 414

Delta R.T. 0.000 min

Lab File: VX040832.D

Acq: 29 Mar 2024 09:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion: 63	Resp: 2701
Ion Ratio	Lower Upper
63 100	
98 5.8	2.9 8.8
100 3.6	2.0 5.8

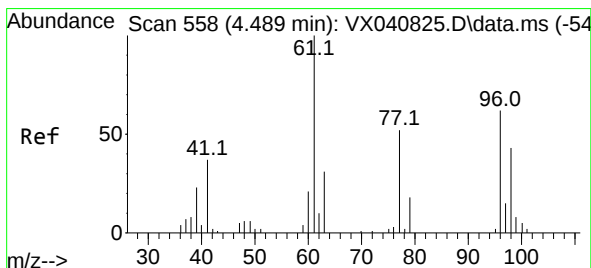
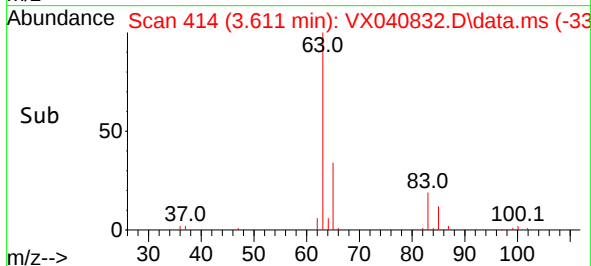
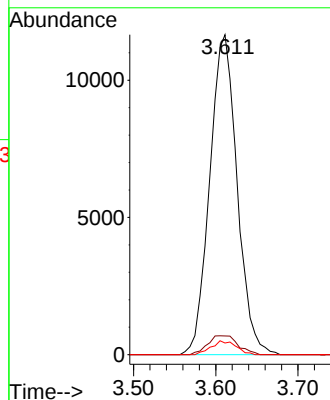
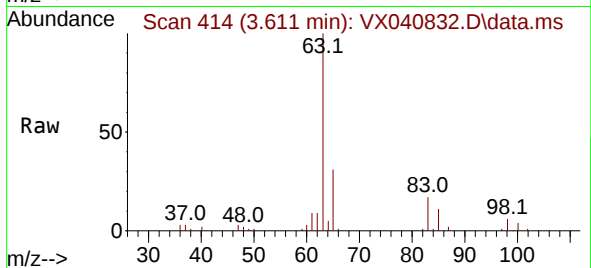
Manual Integrations
APPROVED

Reviewed By :John
Carlone

04/01/2024

Supervised By :Mahesh
Dadoda

04/01/2024



#22

cis-1,2-Dichloroethene

Concen: 21.012 ug/l

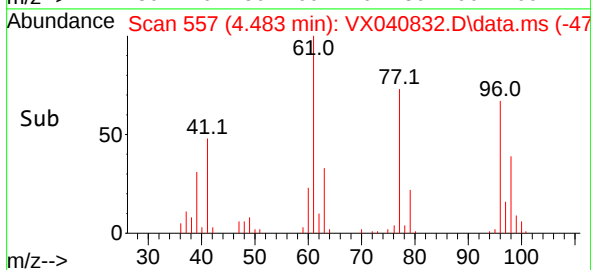
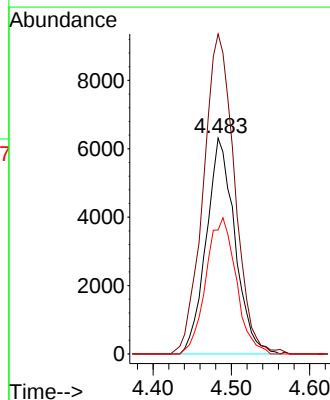
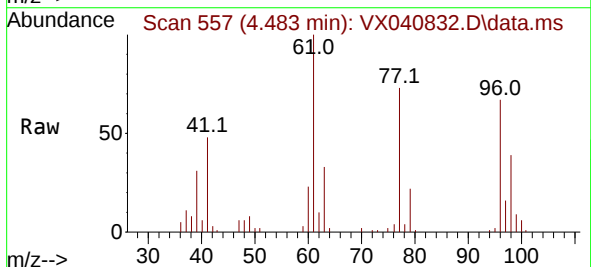
RT: 4.483 min Scan# 557

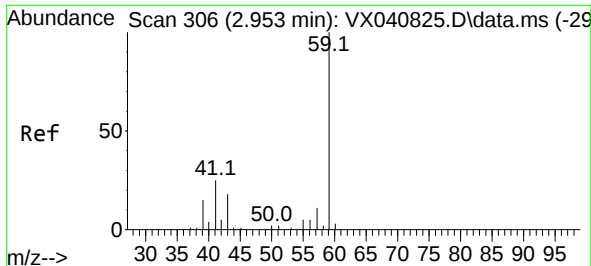
Delta R.T. -0.006 min

Lab File: VX040832.D

Acq: 29 Mar 2024 09:29

Tgt Ion: 96	Resp: 16029
Ion Ratio	Lower Upper
96 100	
61 161.4	119.8 179.6
98 66.3	50.9 76.3





#23
tert-Butyl Alcohol
Concen: 99.047 ug/l
RT: 2.947 min Scan# 306
Delta R.T. -0.006 min
Lab File: VX040832.D
Acq: 29 Mar 2024 09:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

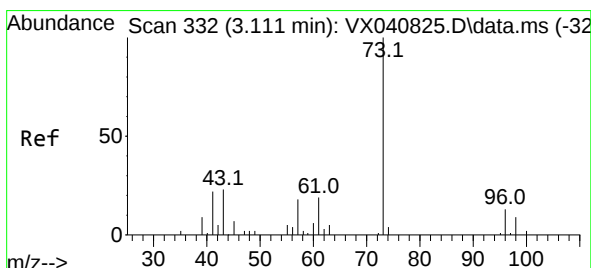
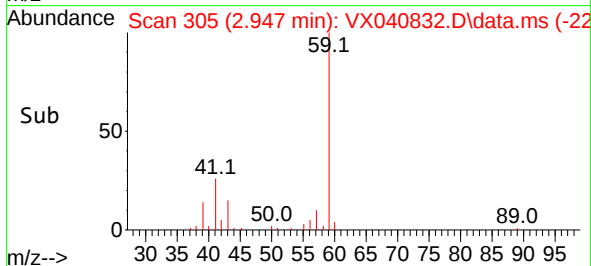
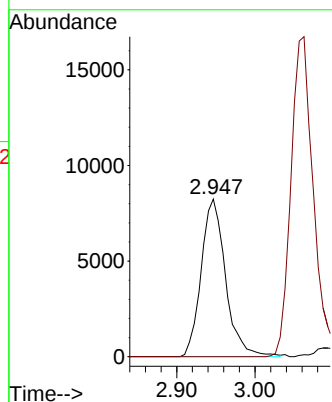
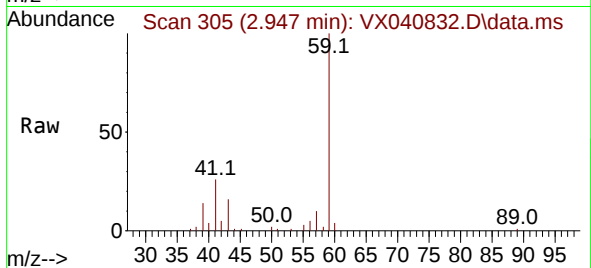
Tgt Ion: 59 Resp: 1784
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

Manual Integrations
APPROVED

Reviewed By :John
Carlone

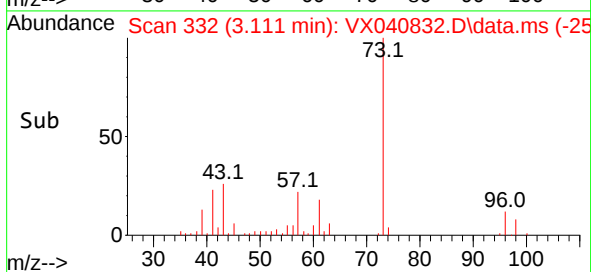
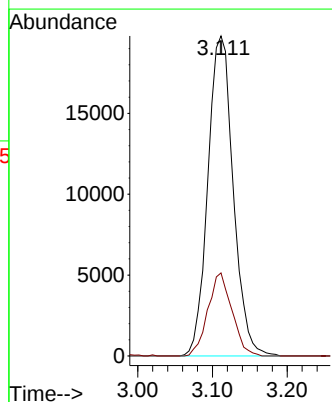
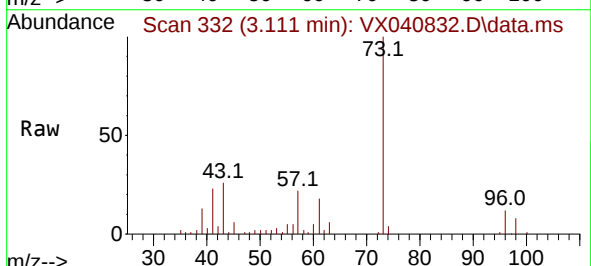
04/01/2024
Supervised By :Mahesh
Dadoda

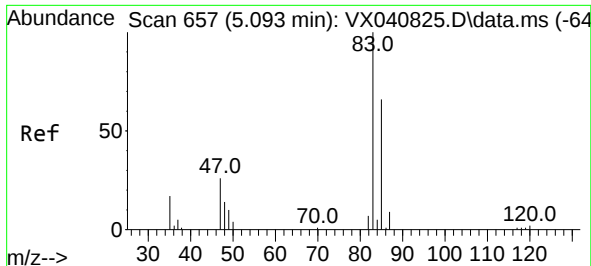
04/01/2024



#24
Methyl tert-Butyl Ether
Concen: 21.081 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX040832.D
Acq: 29 Mar 2024 09:29

Tgt Ion: 73 Resp: 46608
Ion Ratio Lower Upper
73 100
43 24.6 17.0 25.6





#25

Chloroform

Concen: 21.802 ug/l

RT: 5.093 min Scan# 61

Delta R.T. 0.000 min

Lab File: VX040832.D

Acq: 29 Mar 2024 09:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion: 83 Resp: 29629
 Ion Ratio Lower Upper
 83 100
 85 66.1 54.6 81.8

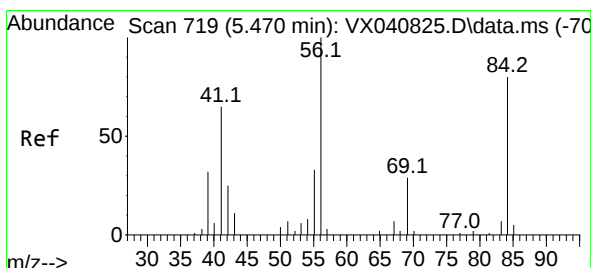
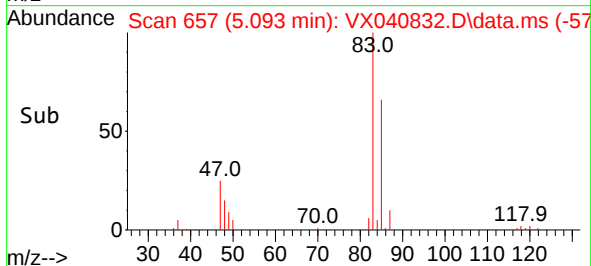
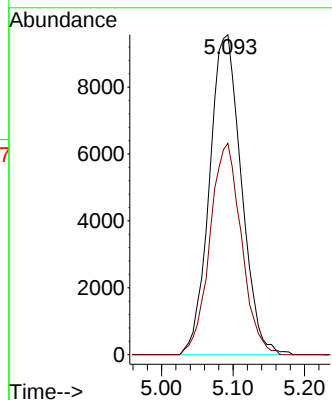
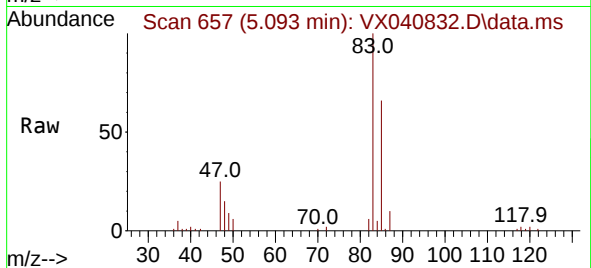
Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

04/01/2024

Supervised By :Mahesh
 Dadoda

04/01/2024



#26

Cyclohexane

Concen: 21.910 ug/l

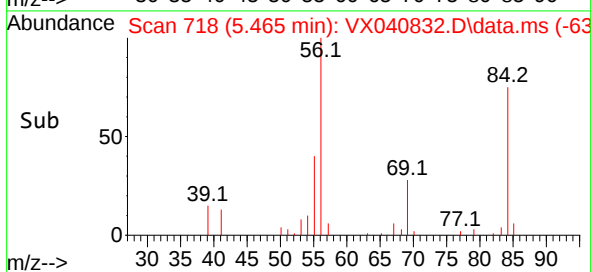
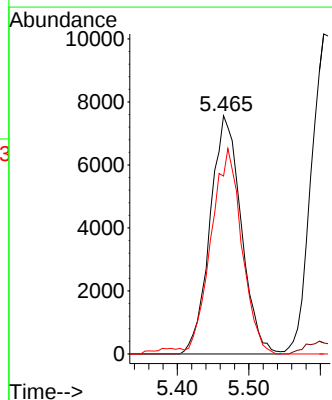
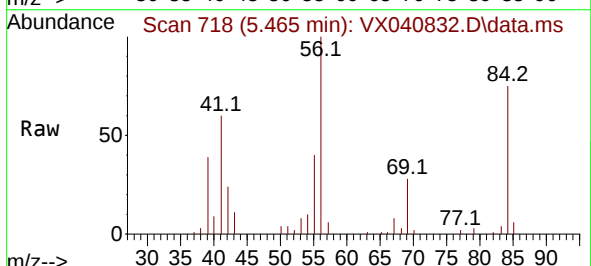
RT: 5.465 min Scan# 718

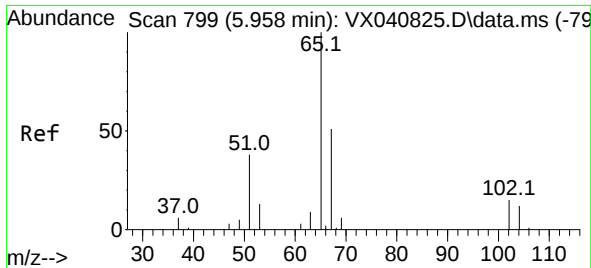
Delta R.T. -0.006 min

Lab File: VX040832.D

Acq: 29 Mar 2024 09:29

Tgt Ion: 56 Resp: 22834
 Ion Ratio Lower Upper
 56 100
 89 1.5 0.0 0.0#
 84 85.1 67.2 100.8





#27
1,2-Dichloroethane-d4
Concen: 31.048 ug/l
RT: 5.952 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX040832.D
Acq: 29 Mar 2024 09:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

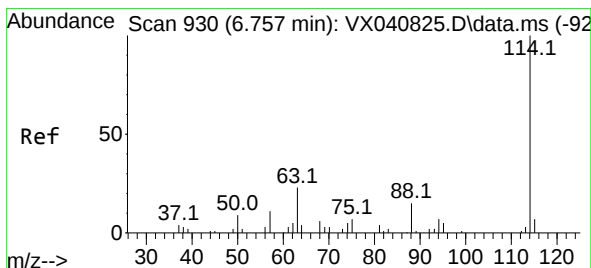
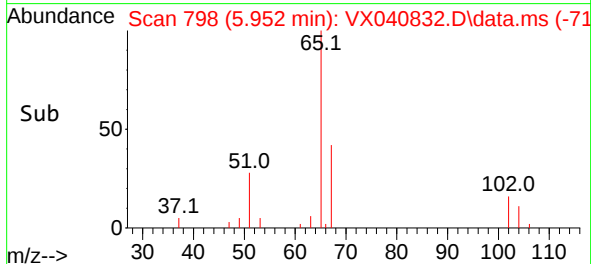
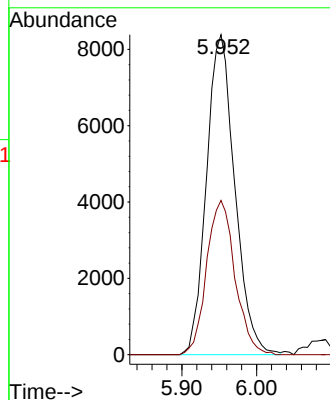
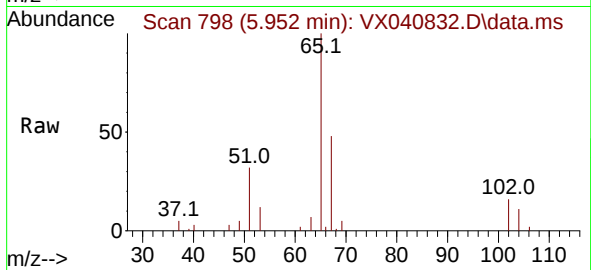
Tgt Ion: 65 Resp: 22083
Ion Ratio Lower Upper
65 100
67 48.3 42.5 63.7

Manual Integrations
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Reviewed By :John
Carlone

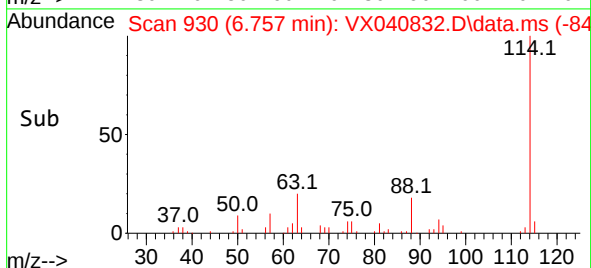
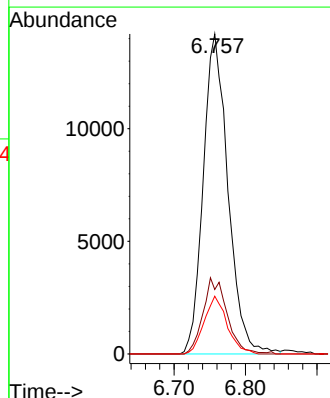
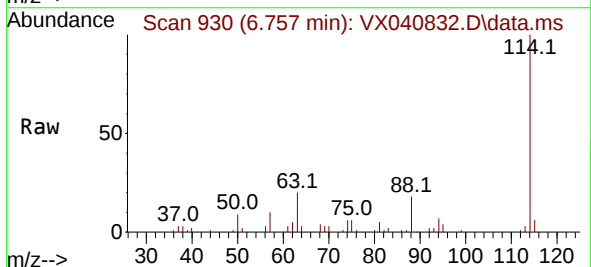
04/01/2024
Supervised By :Mahesh
Dadoda

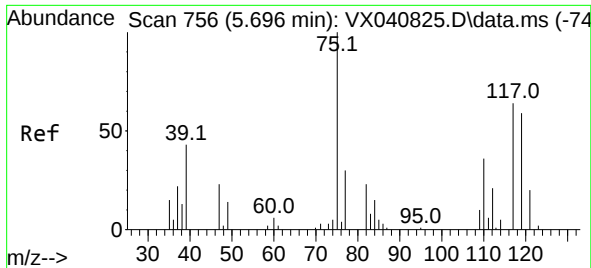
04/01/2024



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. 0.000 min
Lab File: VX040832.D
Acq: 29 Mar 2024 09:29

Tgt Ion:114 Resp: 34169
Ion Ratio Lower Upper
114 100
63 23.0 17.0 25.4
88 16.8 12.7 19.1





#29
1,1-Dichloropropene
Concen: 21.398 ug/l
RT: 5.690 min Scan# 756
Delta R.T. -0.006 min
Lab File: VX040832.D
Acq: 29 Mar 2024 09:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion: 75 Resp: 2040
Ion Ratio Lower Upper
75 100
110 31.4 0.0 71.2
77 31.0 0.0 62.6

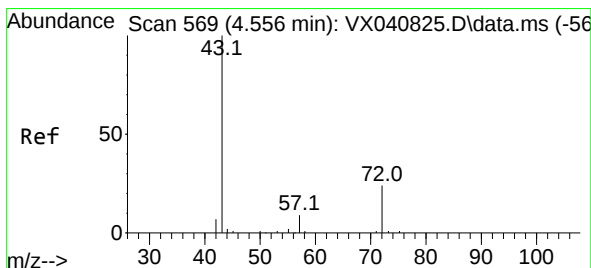
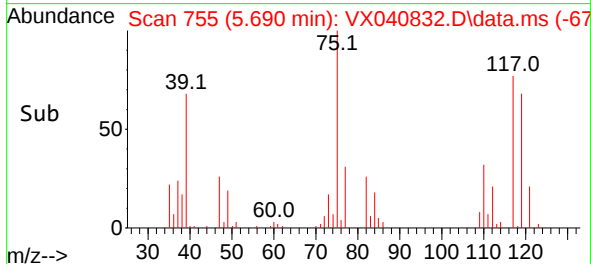
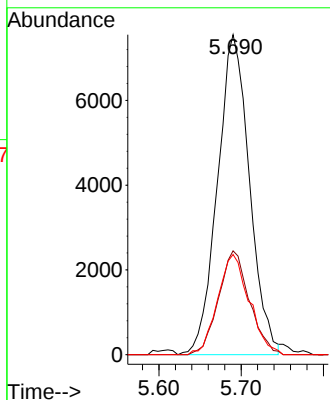
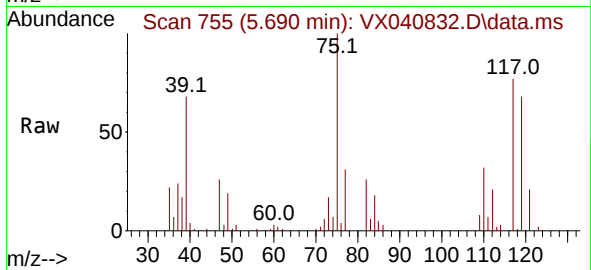
Manual Integrations
APPROVED

Reviewed By :John
Carlone

04/01/2024

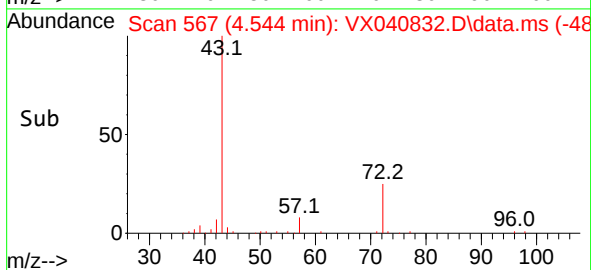
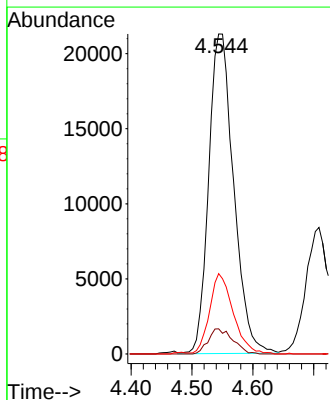
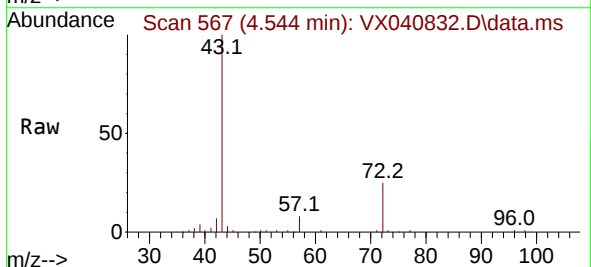
Supervised By :Mahesh
Dadoda

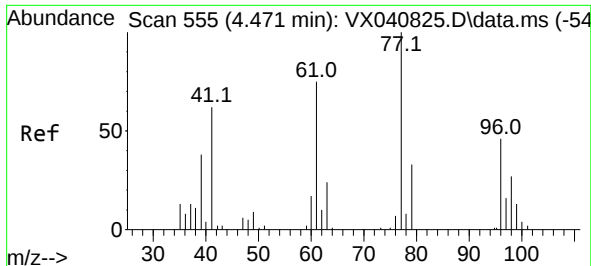
04/01/2024



#30
2-Butanone
Concen: 100.504 ug/l
RT: 4.544 min Scan# 567
Delta R.T. -0.012 min
Lab File: VX040832.D
Acq: 29 Mar 2024 09:29

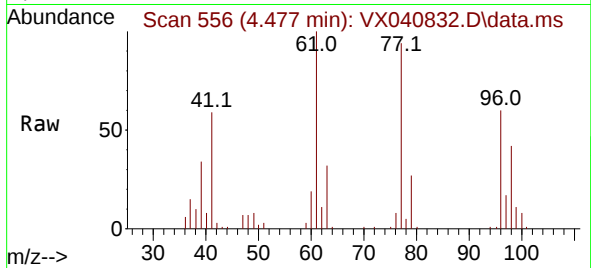
Tgt Ion: 43 Resp: 60631
Ion Ratio Lower Upper
43 100
57 7.6 6.6 10.0
72 23.7 20.6 31.0





#31
2,2-Dichloropropane
Concen: 21.374 ug/l
RT: 4.477 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX040832.D
Acq: 29 Mar 2024 09:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



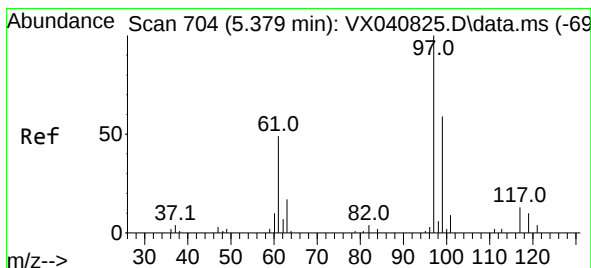
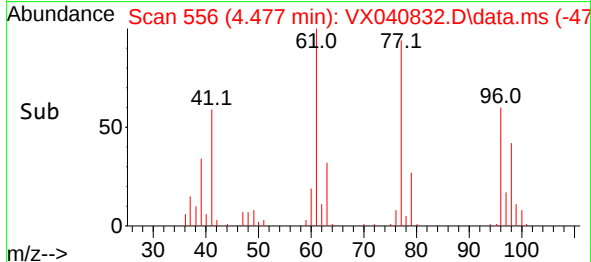
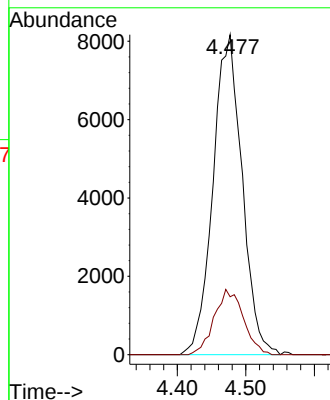
Tgt Ion: 77 Resp: 2406
Ion Ratio Lower Upper
77 100
97 20.4 18.2 27.4

Manual Integrations
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Reviewed By :John
Carlone

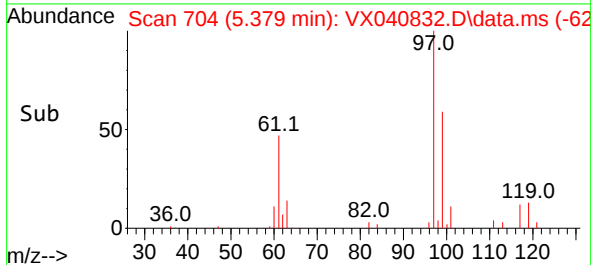
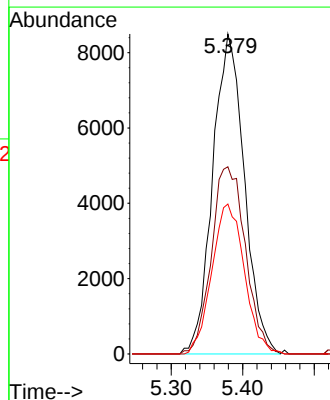
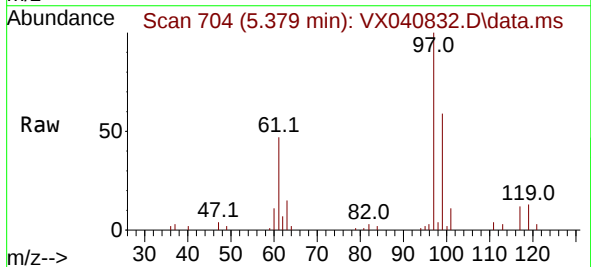
04/01/2024
Supervised By :Mahesh
Dadoda

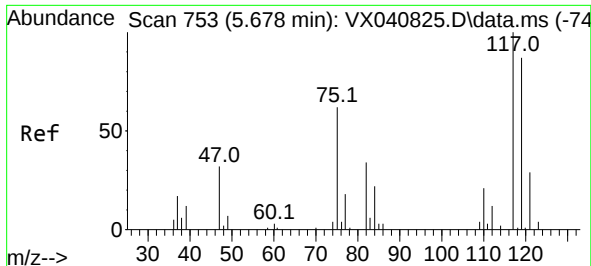
04/01/2024



#32
1,1,1-Trichloroethane
Concen: 20.700 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX040832.D
Acq: 29 Mar 2024 09:29

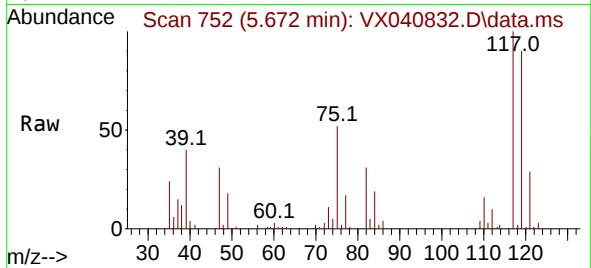
Tgt Ion: 97 Resp: 26059
Ion Ratio Lower Upper
97 100
99 62.9 52.6 79.0
61 48.3 36.9 55.3





#33
Carbon Tetrachloride
Concen: 21.202 ug/l
RT: 5.672 min Scan# 753
Delta R.T. -0.006 min
Lab File: VX040832.D
Acq: 29 Mar 2024 09:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



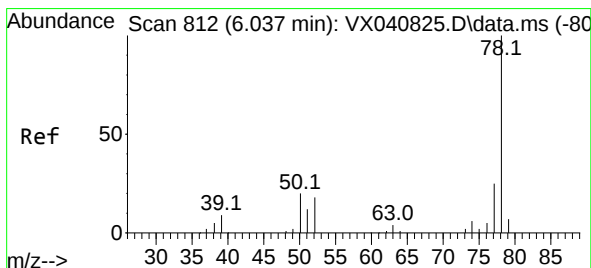
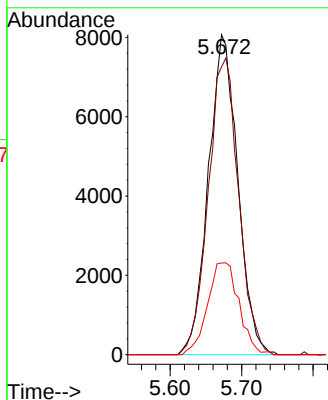
Tgt Ion:117 Resp: 23039
Ion Ratio Lower Upper
117 100
119 89.9 78.2 117.4
121 28.7 24.7 37.1

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Reviewed By :John
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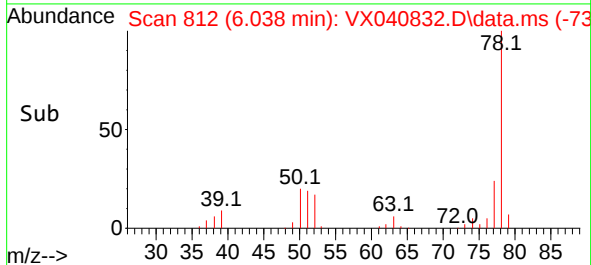
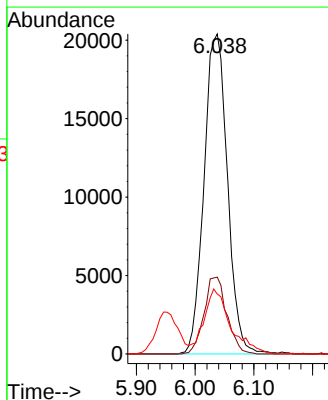
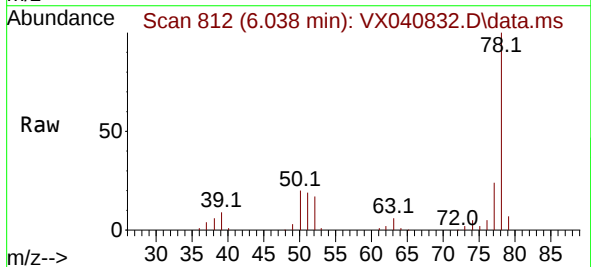
04/01/2024
Supervised By :Mahesh
Dadoda

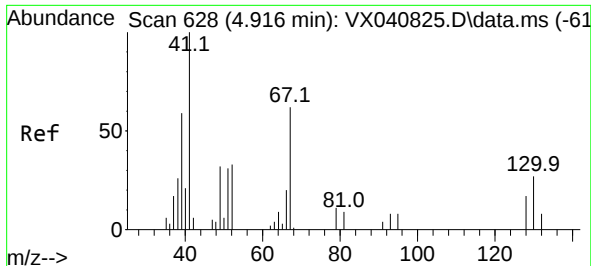
04/01/2024



#34
Benzene
Concen: 20.652 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX040832.D
Acq: 29 Mar 2024 09:29

Tgt Ion: 78 Resp: 56483
Ion Ratio Lower Upper
78 100
77 24.0 19.3 28.9
51 18.7 14.4 21.6





#35
Methacrylonitrile
Concen: 19.742 ug/l
RT: 4.910 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX040832.D
Acq: 29 Mar 2024 09:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion: 41 Resp: 12604
Ion Ratio Lower Upper
41 100
39 61.3 28.2 84.7
67 65.1 34.5 103.5
52 29.8 16.3 48.8

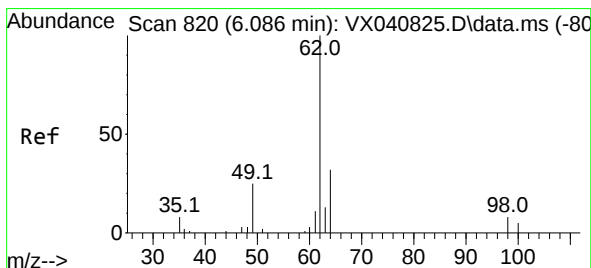
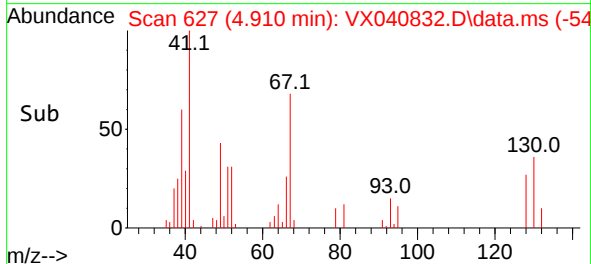
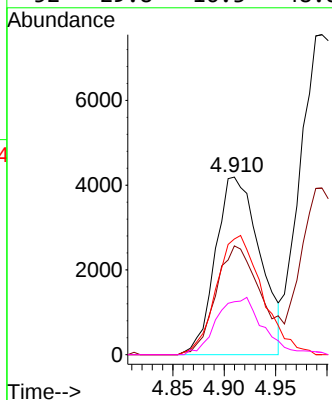
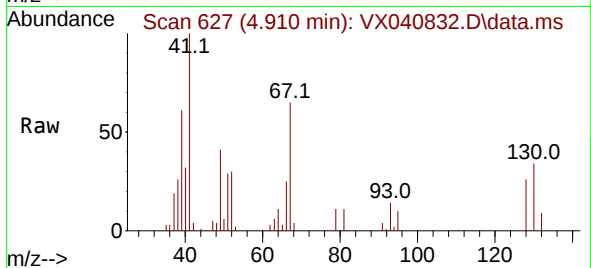
Manual Integrations
APPROVED

Reviewed By :John
Carlone

04/01/2024

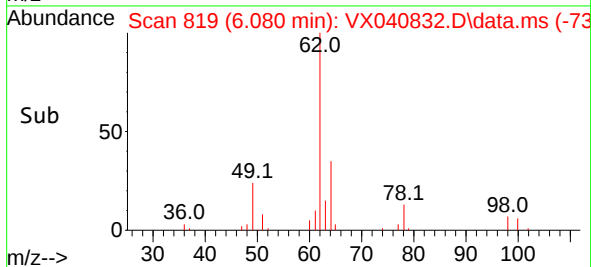
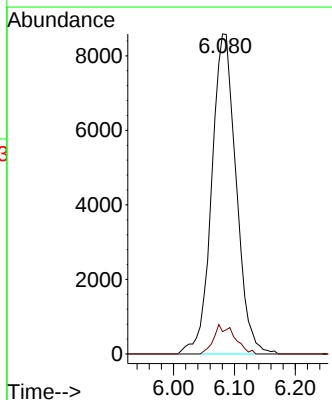
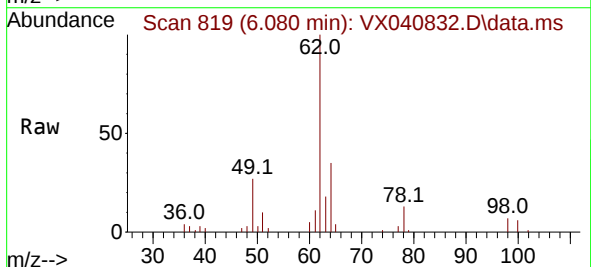
Supervised By :Mahesh
Dadoda

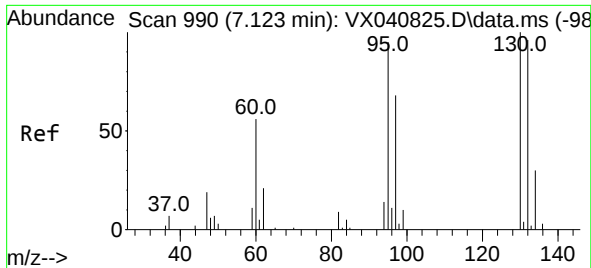
04/01/2024



#36
1,2-Dichloroethane
Concen: 20.182 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.006 min
Lab File: VX040832.D
Acq: 29 Mar 2024 09:29

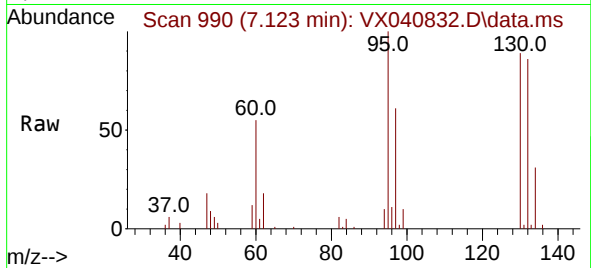
Tgt Ion: 62 Resp: 23983
Ion Ratio Lower Upper
62 100
98 3.6 7.0 10.4#





#37
Trichloroethene
Concen: 19.861 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX040832.D
Acq: 29 Mar 2024 09:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



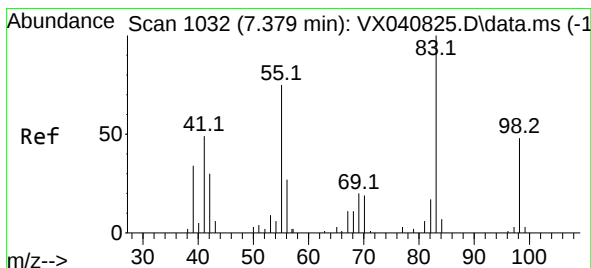
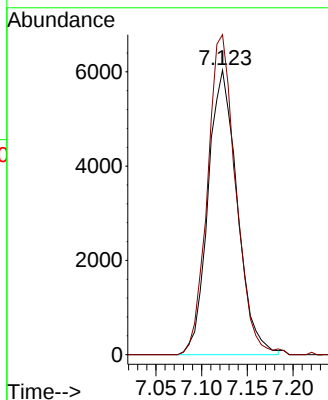
Tgt Ion:130 Resp: 13419
Ion Ratio Lower Upper
130 100
95 112.5 85.8 128.8

Manual Integrations
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Reviewed By :John
Carlone

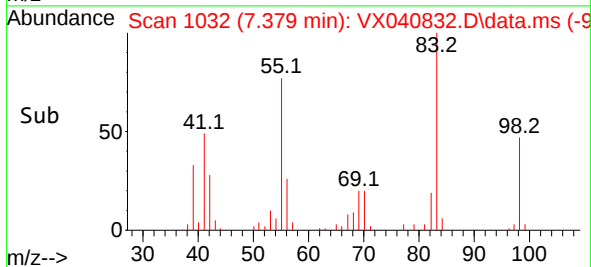
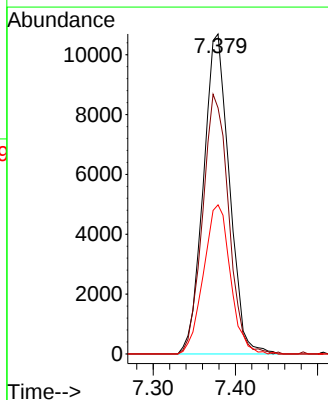
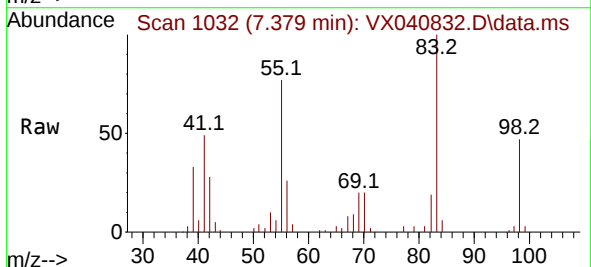
04/01/2024
Supervised By :Mahesh
Dadoda

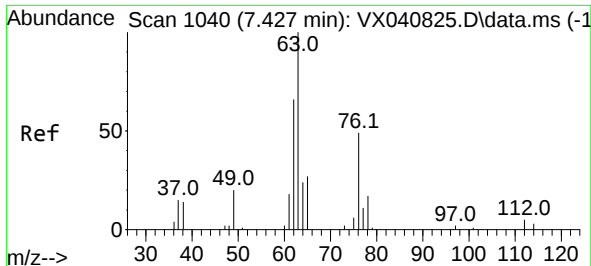
04/01/2024



#38
Methylcyclohexane
Concen: 20.862 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX040832.D
Acq: 29 Mar 2024 09:29

Tgt Ion: 83 Resp: 23483
Ion Ratio Lower Upper
83 100
55 81.0 38.6 116.0
98 48.1 22.3 66.8





#39

1,2-Dichloropropane

Concen: 20.471 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX040832.D

Acq: 29 Mar 2024 09:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion: 63 Resp: 1330

Ion Ratio Lower Upper

63 100

65 30.8 24.6 37.0

Manual Integrations

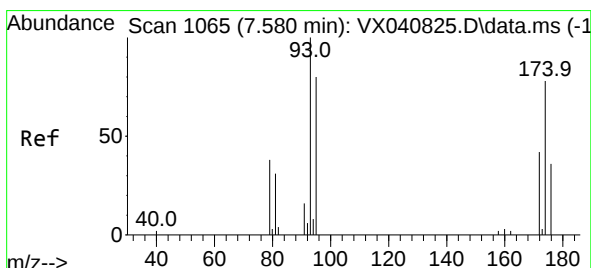
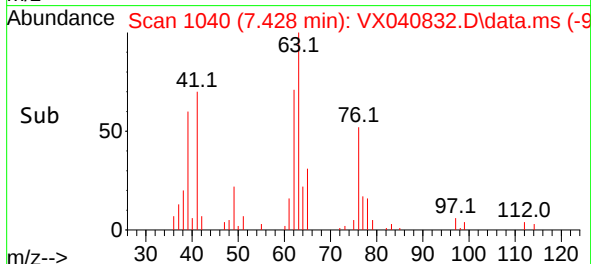
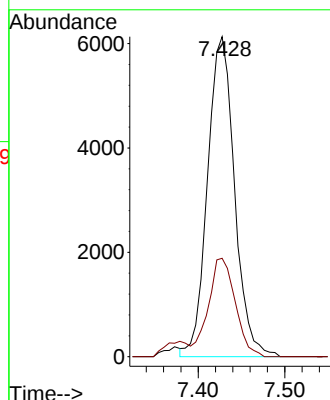
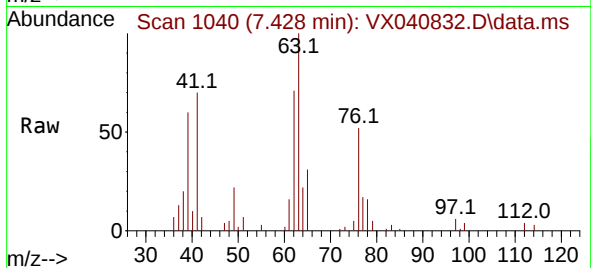
APPROVED

Reviewed By :John
Carlone

04/01/2024

Supervised By :Mahesh
Dadoda

04/01/2024



#40

Dibromomethane

Concen: 20.994 ug/l

RT: 7.574 min Scan# 1064

Delta R.T. -0.006 min

Lab File: VX040832.D

Acq: 29 Mar 2024 09:29

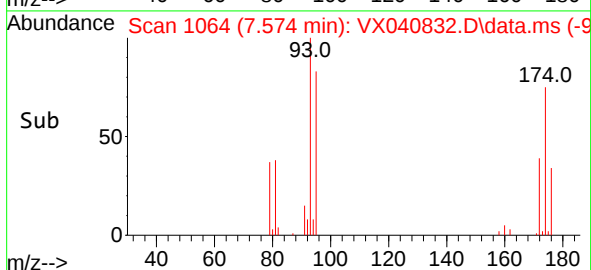
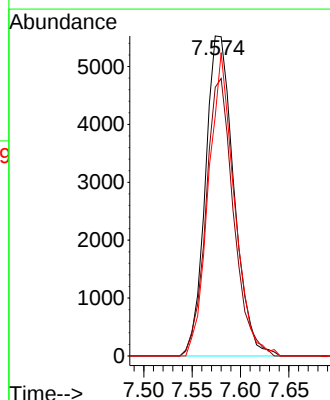
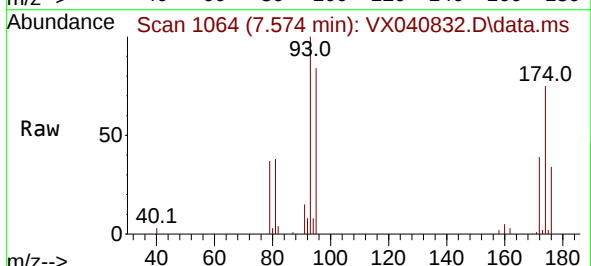
Tgt Ion: 93 Resp: 11311

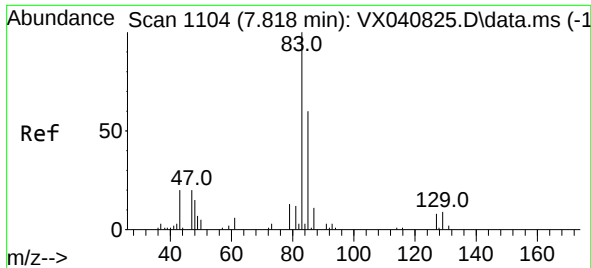
Ion Ratio Lower Upper

93 100

95 84.0 0.0 163.4

174 85.9 0.0 166.4





#41
Bromodichloromethane
Concen: 21.108 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX040832.D
Acq: 29 Mar 2024 09:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

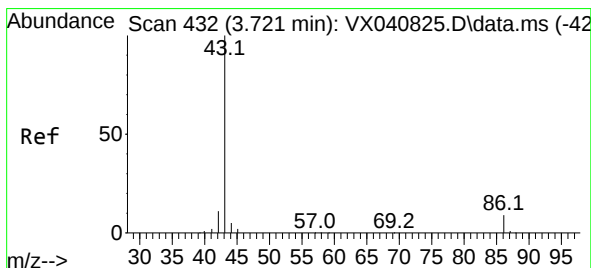
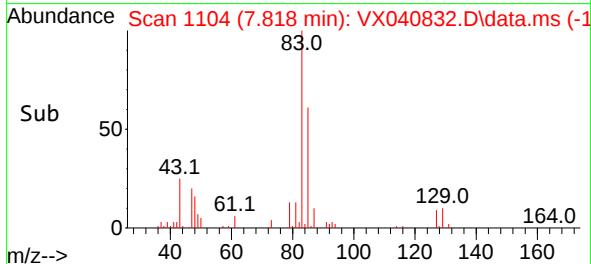
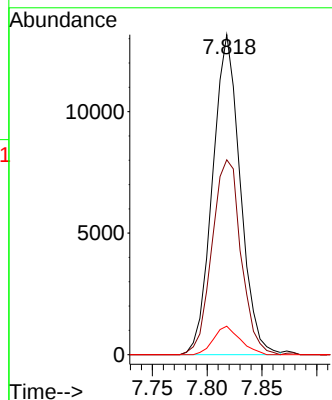
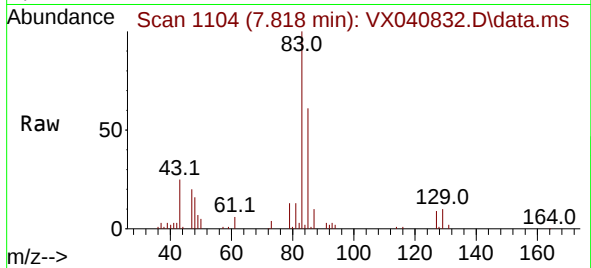
Tgt Ion: 83 Resp: 2308
Ion Ratio Lower Upper
83 100
85 60.9 50.8 76.2
127 8.9 5.9 8.9

Manual Integrations
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Reviewed By :John
Carlone

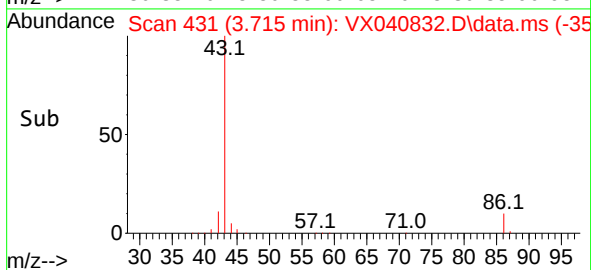
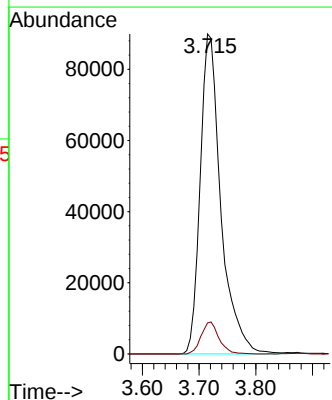
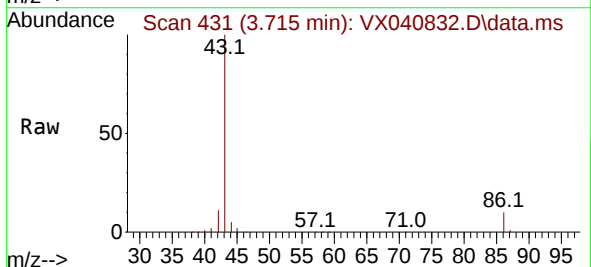
04/01/2024
Supervised By :Mahesh
Dadoda

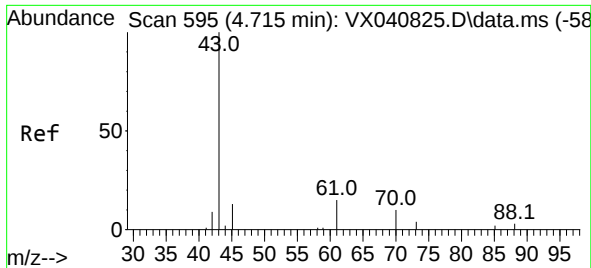
04/01/2024



#42
Vinyl Acetate
Concen: 102.129 ug/l
RT: 3.715 min Scan# 431
Delta R.T. -0.006 min
Lab File: VX040832.D
Acq: 29 Mar 2024 09:29

Tgt Ion: 43 Resp: 227725
Ion Ratio Lower Upper
43 100
86 8.6 6.7 10.1





#43
Ethyl Acetate
Concen: 20.218 ug/l
RT: 4.709 min Scan# 595
Delta R.T. -0.006 min
Lab File: VX040832.D
Acq: 29 Mar 2024 09:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

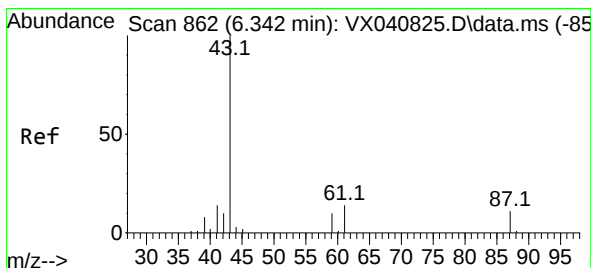
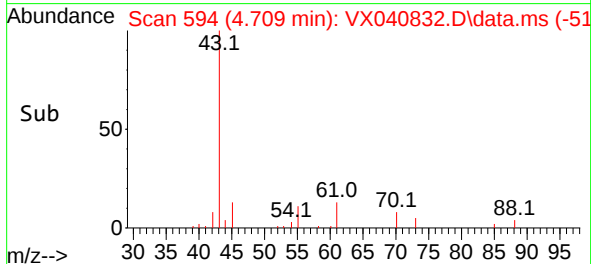
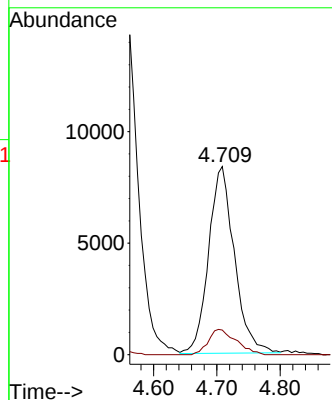
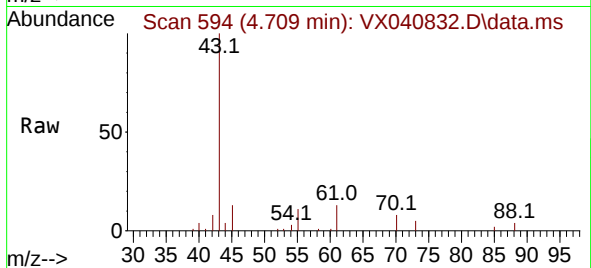
Tgt Ion: 43 Resp: 23738
Ion Ratio Lower Upper
43 100
45 14.6 11.8 17.8

Manual Integrations
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Reviewed By :John
Carlone

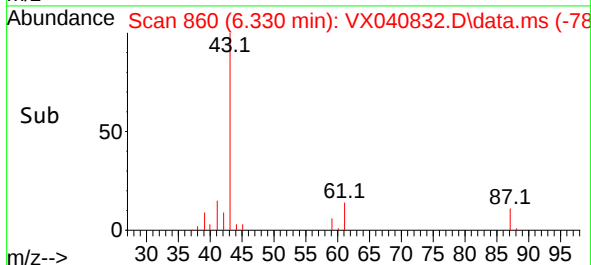
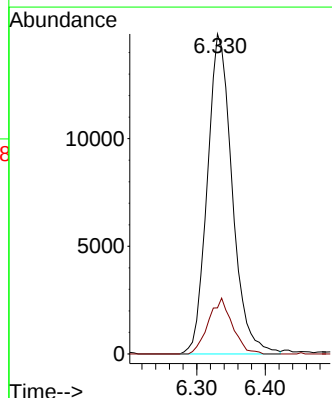
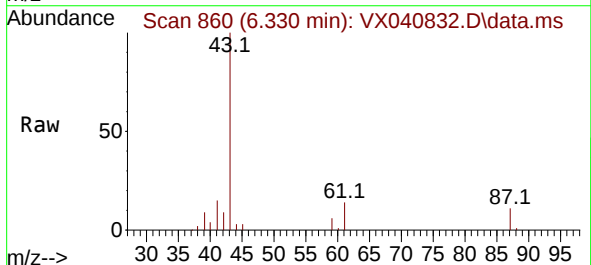
04/01/2024
Supervised By :Mahesh
Dadoda

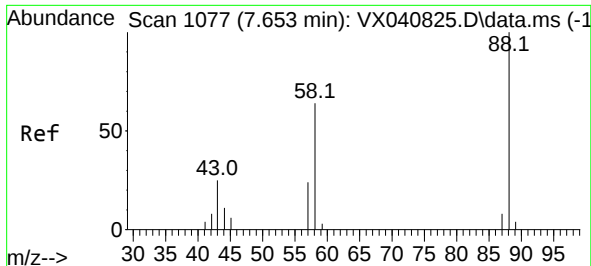
04/01/2024



#44
Isopropyl Acetate
Concen: 20.033 ug/l
RT: 6.330 min Scan# 860
Delta R.T. -0.012 min
Lab File: VX040832.D
Acq: 29 Mar 2024 09:29

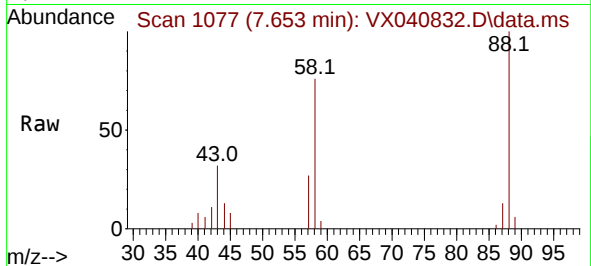
Tgt Ion: 43 Resp: 37581
Ion Ratio Lower Upper
43 100
61 16.7 15.6 23.4





#45
1,4-Dioxane
Concen: 395.765 ug/l
RT: 7.653 min Scan# 1077
Delta R.T. 0.000 min
Lab File: VX040832.D
Acq: 29 Mar 2024 09:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



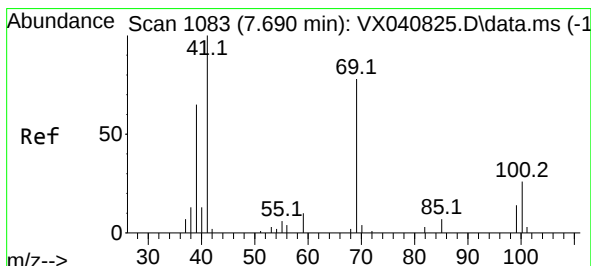
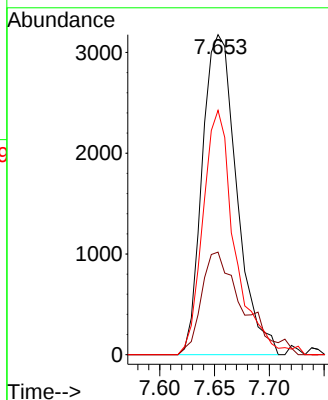
Tgt Ion:	88	Resp:	6952
Ion	Ratio	Lower	Upper
88	100		
43	31.0	28.1	42.1
58	70.6	57.7	86.5

Manual Integrations
APPROVED

Reviewed By :John
Carlone

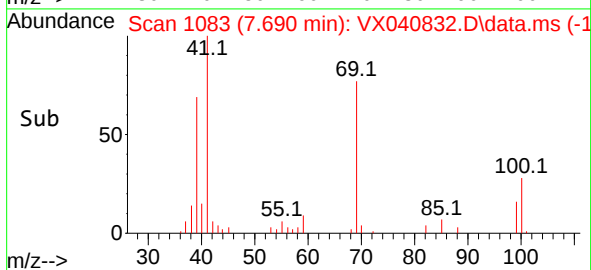
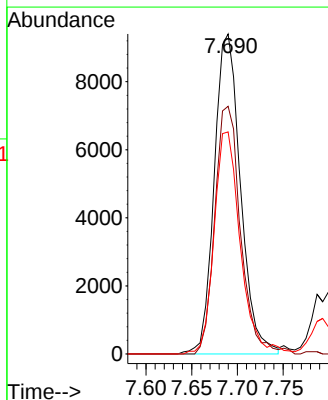
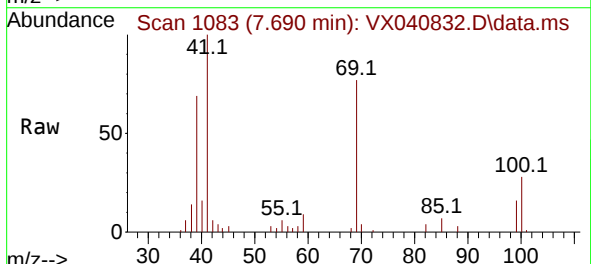
04/01/2024
Supervised By :Mahesh
Dadoda

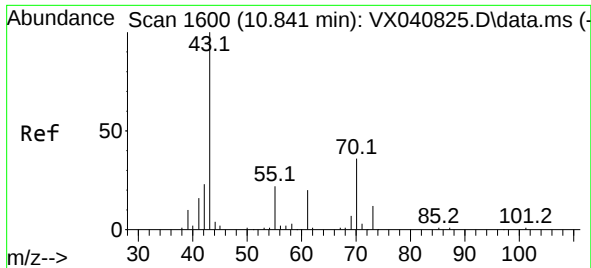
04/01/2024



#46
Methyl methacrylate
Concen: 20.819 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX040832.D
Acq: 29 Mar 2024 09:29

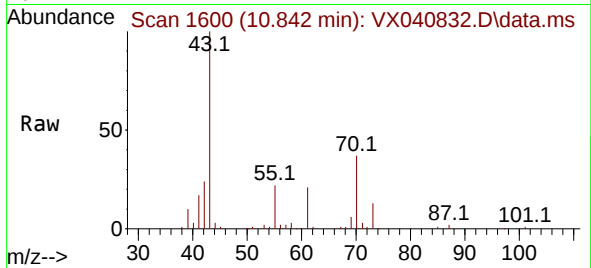
Tgt Ion:	41	Resp:	18803
Ion	Ratio	Lower	Upper
41	100		
69	77.4	39.6	118.8
39	69.4	30.1	90.3





#47
n-amyl acetate
Concen: 19.227 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX040832.D
Acq: 29 Mar 2024 09:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



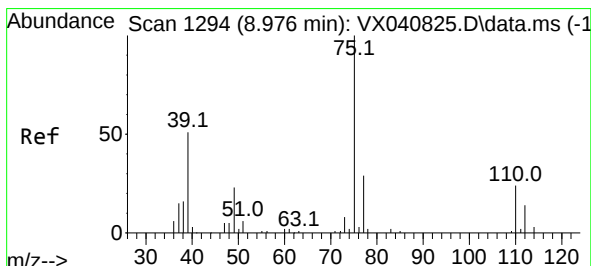
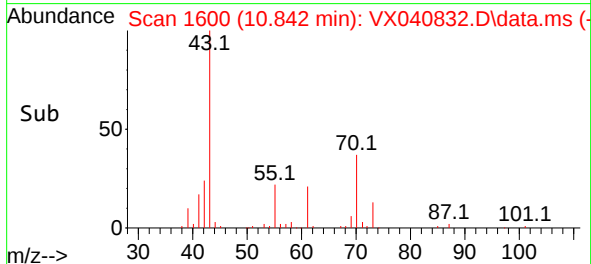
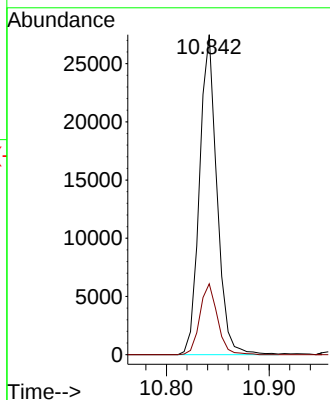
Tgt Ion: 43 Resp: 32480
Ion Ratio Lower Upper
43 100
55 22.2 18.2 27.2

Manual Integrations
APPROVED

Reviewed By :John
Carlone

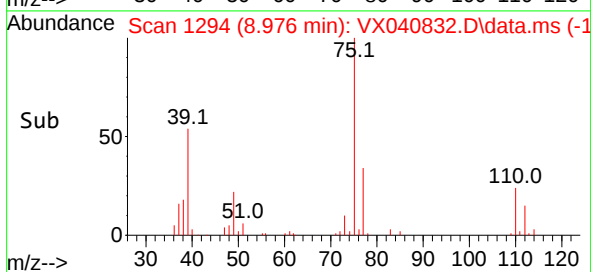
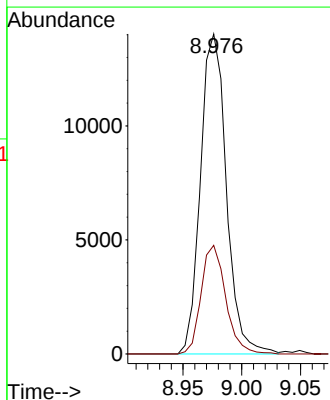
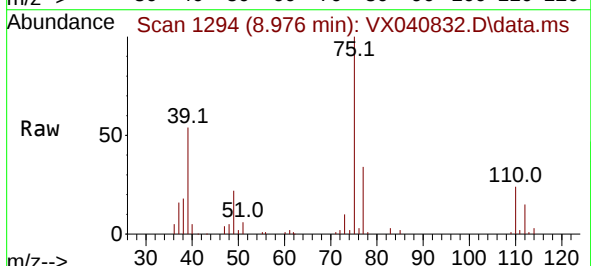
04/01/2024
Supervised By :Mahesh
Dadoda

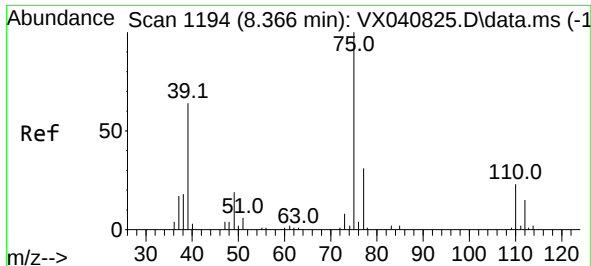
04/01/2024



#48
t-1,3-Dichloropropene
Concen: 19.853 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VX040832.D
Acq: 29 Mar 2024 09:29

Tgt Ion: 75 Resp: 21542
Ion Ratio Lower Upper
75 100
77 33.9 26.8 40.2





#49

cis-1,3-Dichloropropene

Concen: 21.402 ug/l

RT: 8.360 min Scan# 1194

Delta R.T. -0.006 min

Lab File: VX040832.D

Acq: 29 Mar 2024 09:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion: 75 Resp: 2399

Ion	Ratio	Lower	Upper
75	100		
77	28.6	24.4	36.6
39	63.2	40.6	60.8

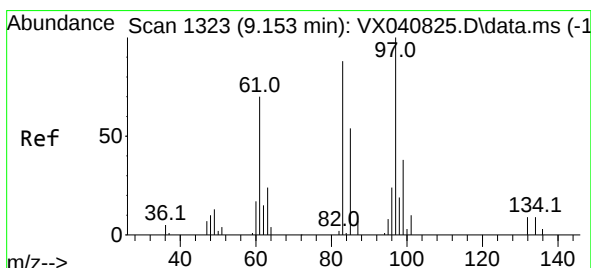
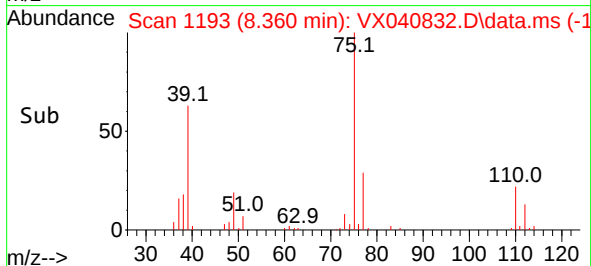
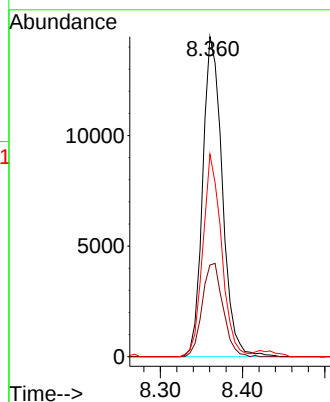
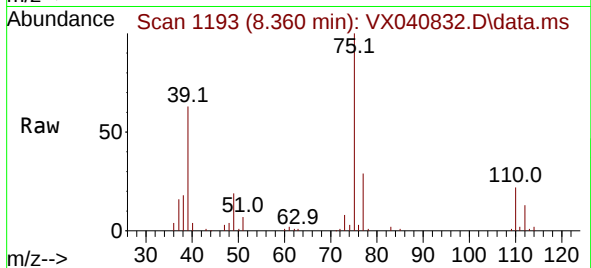
Manual Integrations
APPROVED

Reviewed By :John
Carlone

04/01/2024

Supervised By :Mahesh
Dadoda

04/01/2024



#50

1,1,2-Trichloroethane

Concen: 20.423 ug/l

RT: 9.147 min Scan# 1322

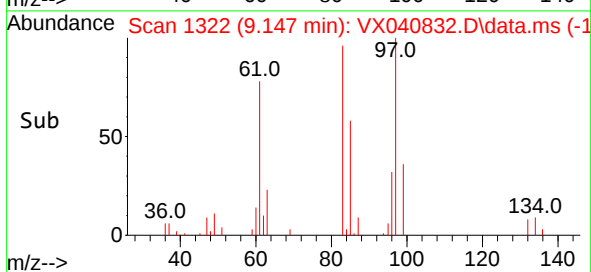
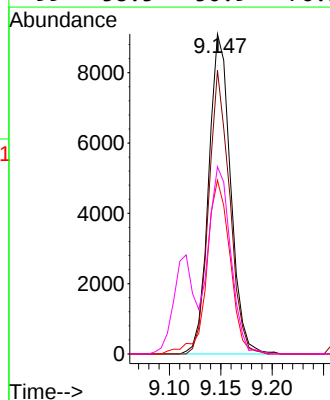
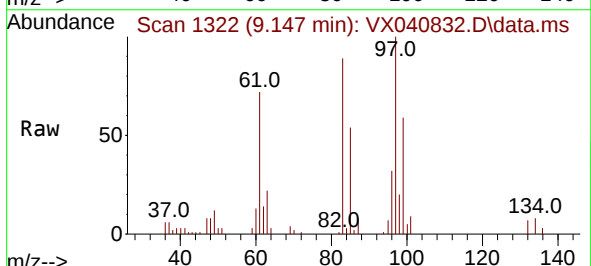
Delta R.T. -0.006 min

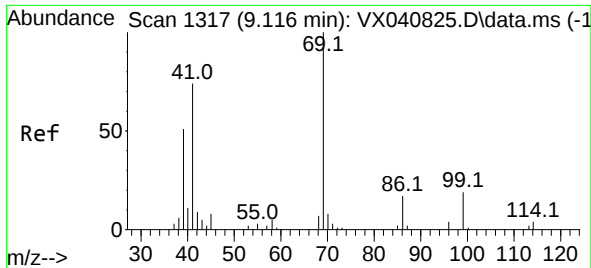
Lab File: VX040832.D

Acq: 29 Mar 2024 09:29

Tgt Ion: 97 Resp: 13494

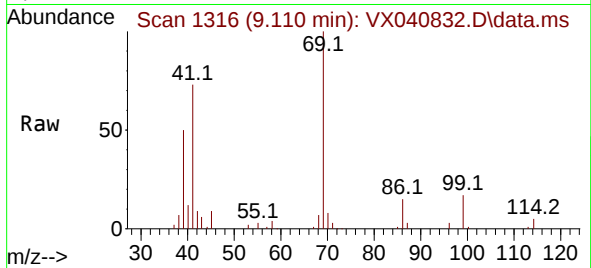
Ion	Ratio	Lower	Upper
97	100		
83	88.6	69.0	103.6
85	54.3	46.3	69.5
99	58.5	50.9	76.3





#51
Ethyl methacrylate
Concen: 19.360 ug/l
RT: 9.110 min Scan# 1317
Delta R.T. -0.006 min
Lab File: VX040832.D
Acq: 29 Mar 2024 09:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



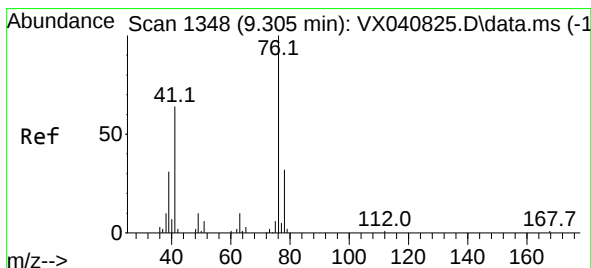
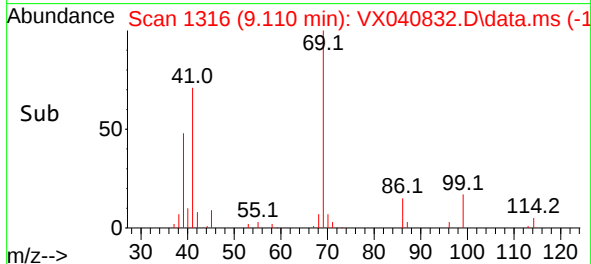
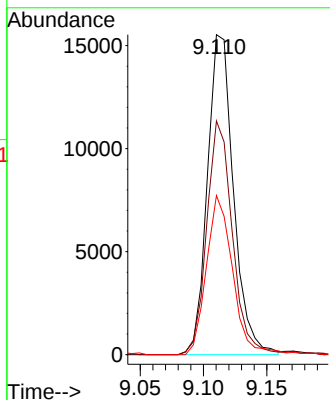
Tgt Ion: 69 Resp: 2234
Ion Ratio Lower Upper
69 100
41 73.0 36.2 108.6
39 49.8 21.1 63.4

Manual Integrations
APPROVED

Reviewed By :John
Carlone

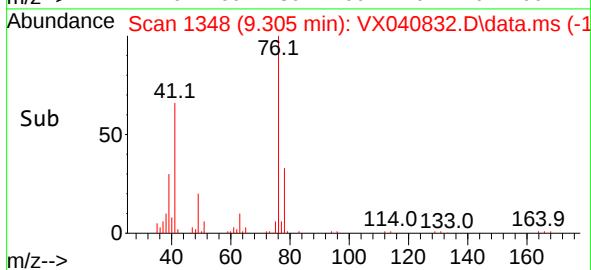
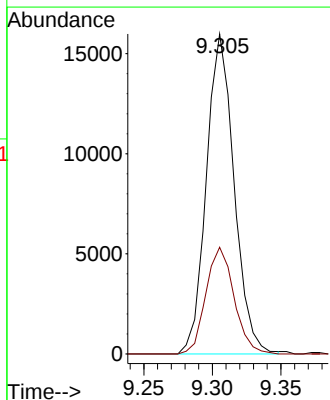
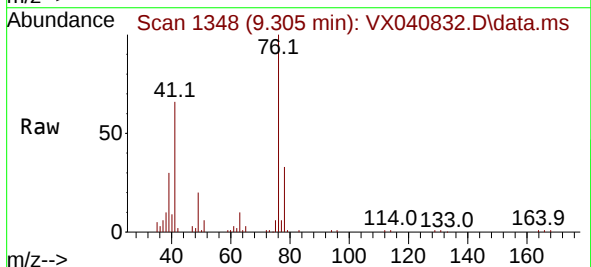
04/01/2024
Supervised By :Mahesh
Dadoda

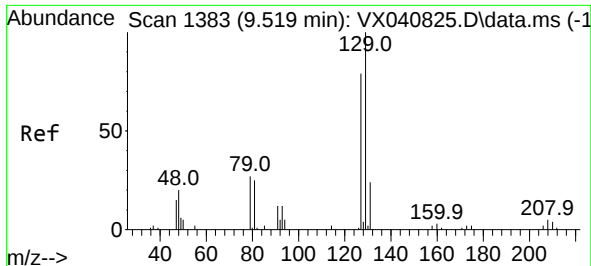
04/01/2024



#52
1,3-Dichloropropane
Concen: 19.833 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. 0.000 min
Lab File: VX040832.D
Acq: 29 Mar 2024 09:29

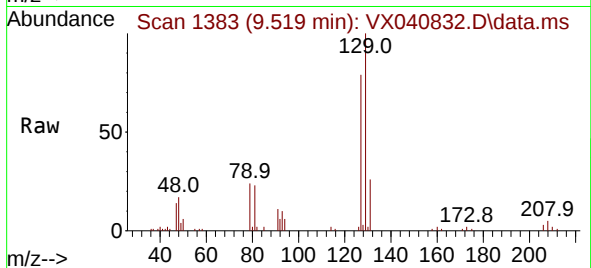
Tgt Ion: 76 Resp: 22523
Ion Ratio Lower Upper
76 100
78 33.9 0.0 65.0





#53
Dibromochloromethane
Concen: 20.553 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX040832.D
Acq: 29 Mar 2024 09:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



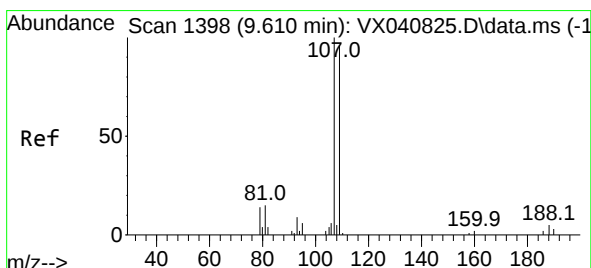
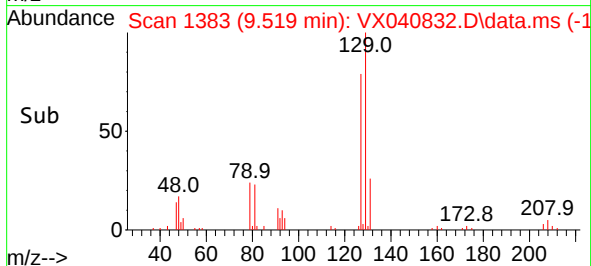
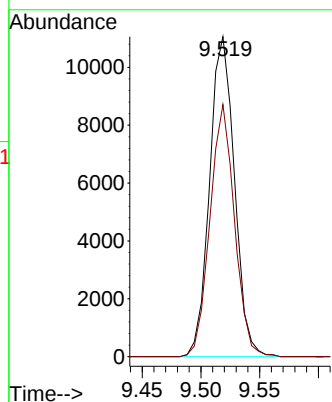
Tgt Ion:129 Resp: 1627
Ion Ratio Lower Upper
129 100
127 77.7 38.3 114.9

Manual Integrations
APPROVED

Reviewed By :John
Carlone

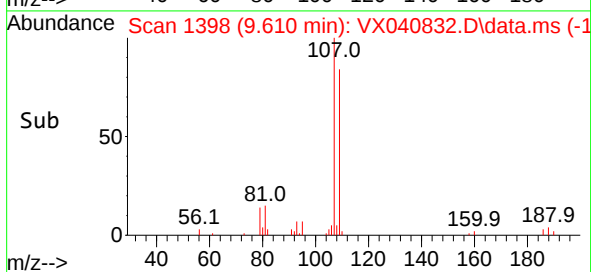
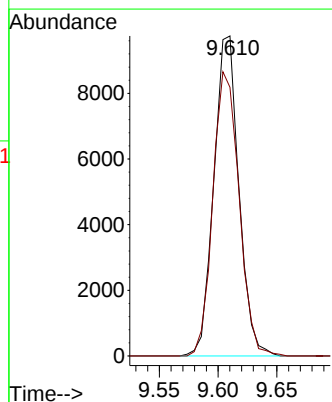
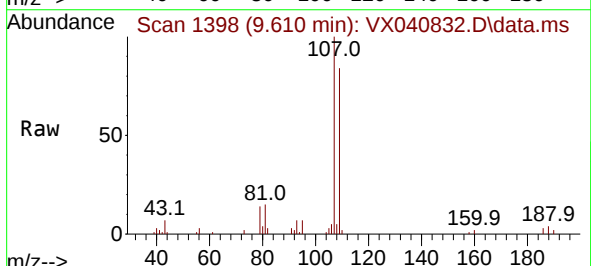
04/01/2024
Supervised By :Mahesh
Dadoda

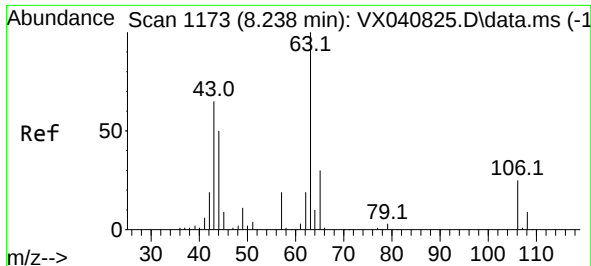
04/01/2024



#54
1,2-Dibromoethane
Concen: 19.768 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX040832.D
Acq: 29 Mar 2024 09:29

Tgt Ion:107 Resp: 14457
Ion Ratio Lower Upper
107 100
109 93.0 75.1 112.7





#55
2-Chloroethyl vinyl ether
Concen: 83.371 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VX040832.D
Acq: 29 Mar 2024 09:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

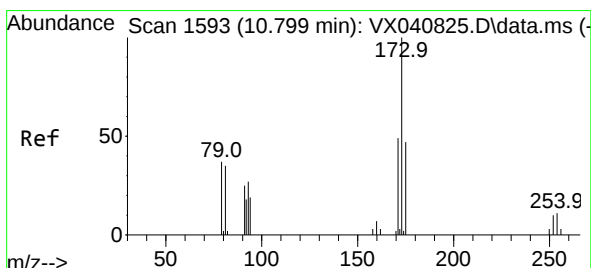
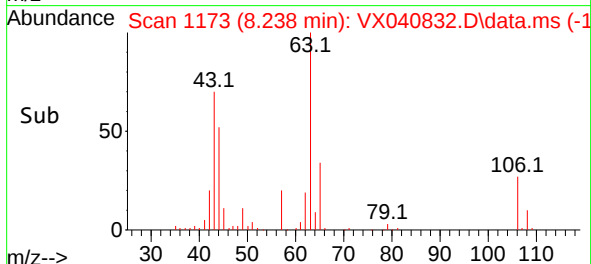
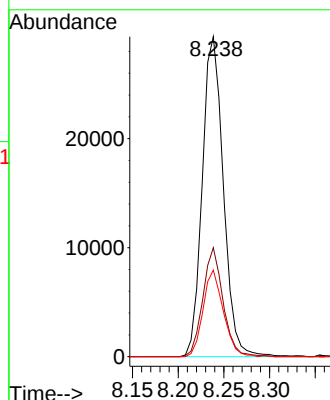
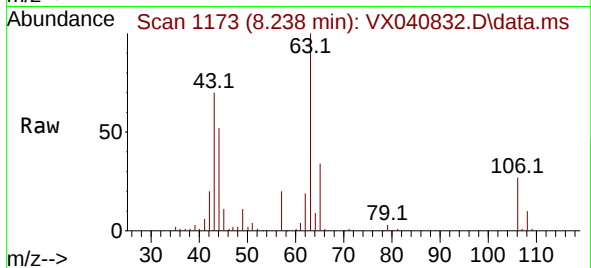
Tgt Ion: 63 Resp: 47060
Ion Ratio Lower Upper
63 100
65 32.5 25.8 38.6
106 25.9 20.6 31.0

Manual Integrations
APPROVED

Reviewed By :John
Carlone

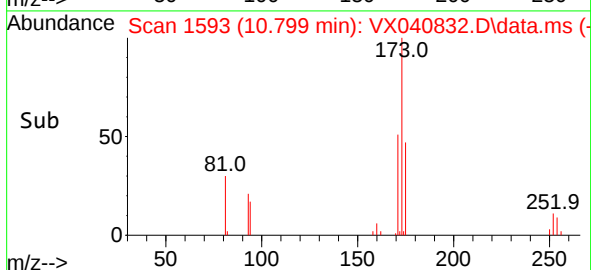
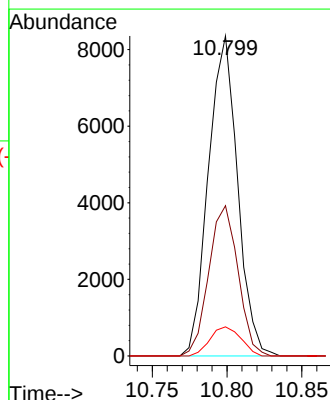
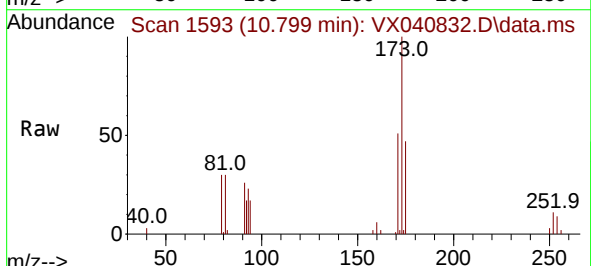
04/01/2024
Supervised By :Mahesh
Dadoda

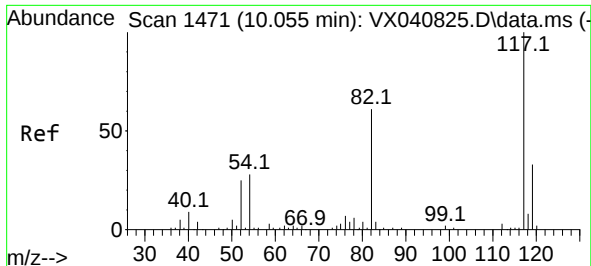
04/01/2024



#56
Bromoform
Concen: 20.583 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX040832.D
Acq: 29 Mar 2024 09:29

Tgt Ion:173 Resp: 11329
Ion Ratio Lower Upper
173 100
175 47.1 37.6 56.4
254 9.6 5.8 8.8#





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.049 min Scan# 1471

Delta R.T. -0.006 min

Lab File: VX040832.D

Acq: 29 Mar 2024 09:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion: 117 Resp: 41199

Ion	Ratio	Lower	Upper
117	100		
82	58.6	47.0	70.6
119	31.2	25.2	37.8

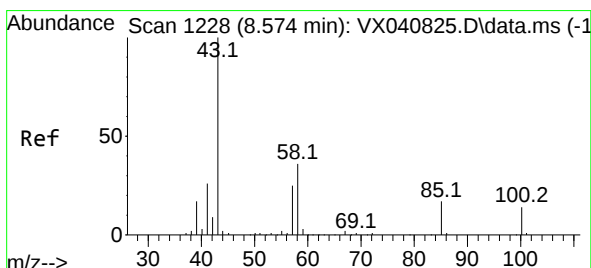
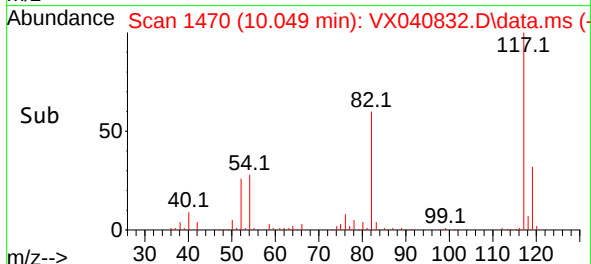
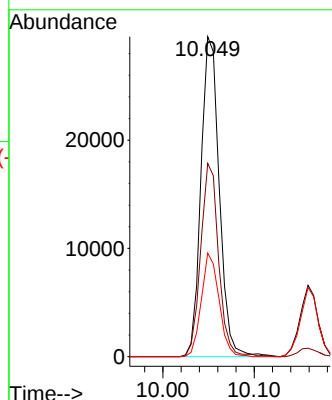
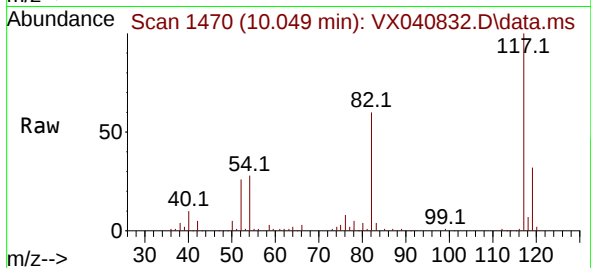
Manual Integrations
APPROVED

Reviewed By :John
Carlone

04/01/2024

Supervised By :Mahesh
Dadoda

04/01/2024



#58

4-Methyl-2-Pentanone

Concen: 107.704 ug/l

RT: 8.568 min Scan# 1227

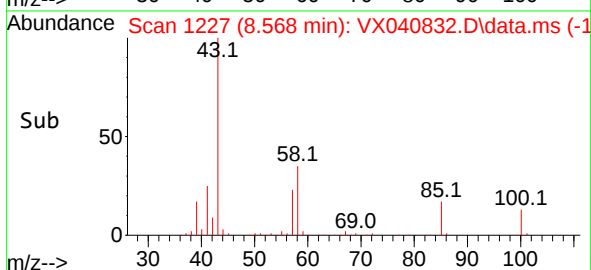
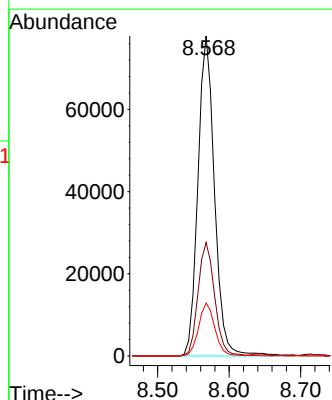
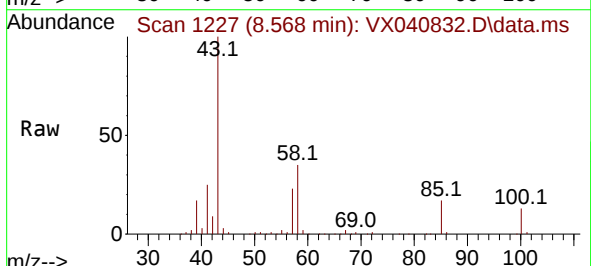
Delta R.T. -0.006 min

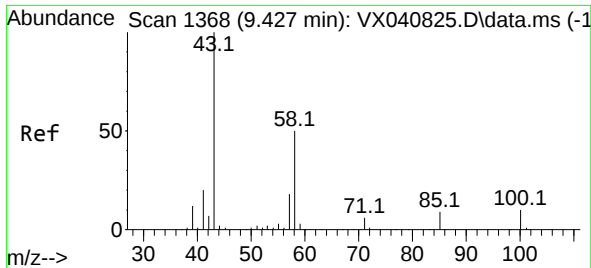
Lab File: VX040832.D

Acq: 29 Mar 2024 09:29

Tgt Ion: 43 Resp: 125322

Ion	Ratio	Lower	Upper
43	100		
58	35.3	30.1	45.1
85	16.2	13.9	20.9





#59
2-Hexanone
Concen: 100.558 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX040832.D
Acq: 29 Mar 2024 09:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 43 Resp: 9324

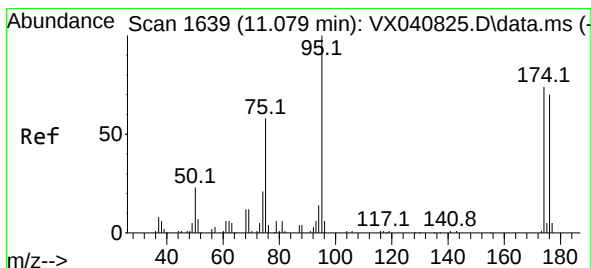
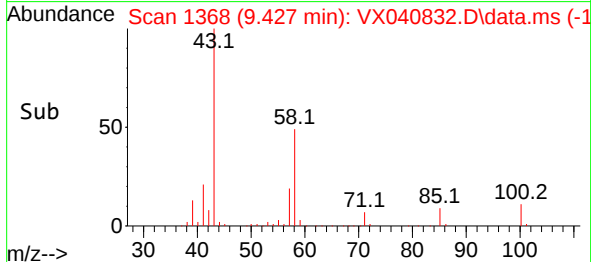
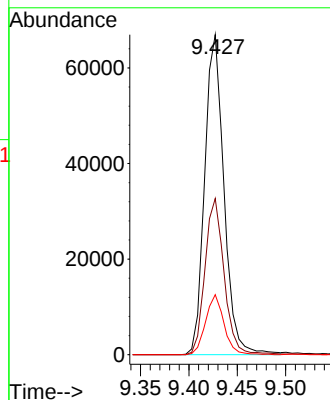
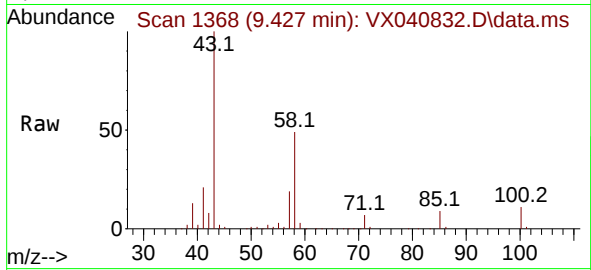
Ion	Ratio	Lower	Upper
43	100		
58	48.4	42.7	64.1
57	17.9	14.8	22.2

Manual Integrations
APPROVED

Reviewed By :John
Carlone

04/01/2024
Supervised By :Mahesh
Dadoda

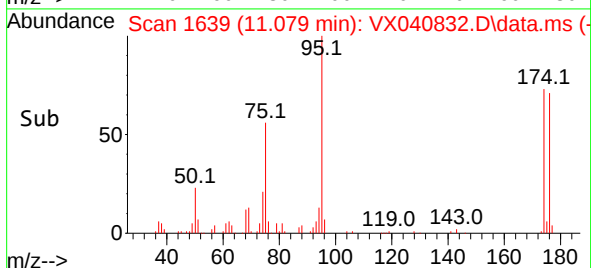
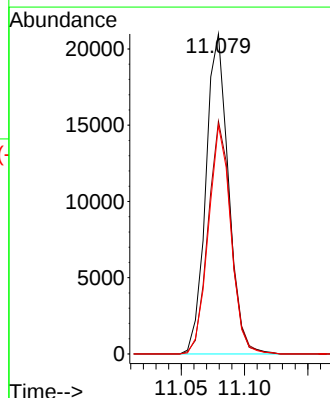
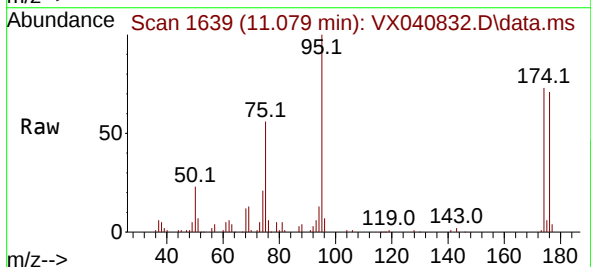
04/01/2024

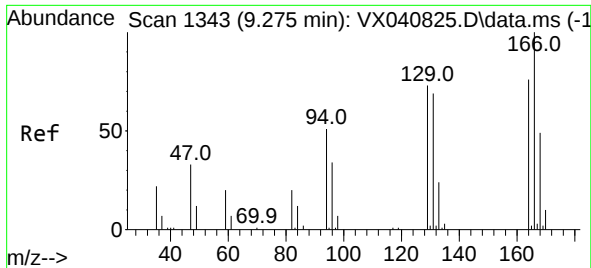


#60
4-Bromofluorobenzene
Concen: 28.964 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX040832.D
Acq: 29 Mar 2024 09:29

Tgt Ion: 95 Resp: 26067

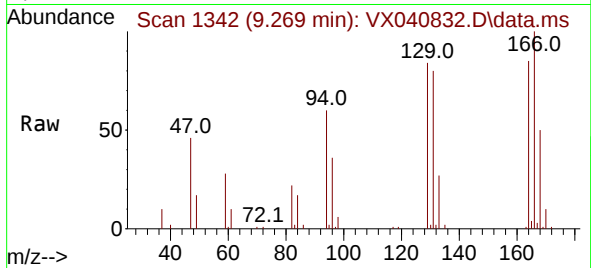
Ion	Ratio	Lower	Upper
95	100		
174	74.1	55.4	83.2
176	70.9	52.6	78.8





#61
Tetrachloroethene
Concen: 20.785 ug/l
RT: 9.269 min Scan# 11479
Delta R.T. -0.006 min
Lab File: VX040832.D
Acq: 29 Mar 2024 09:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



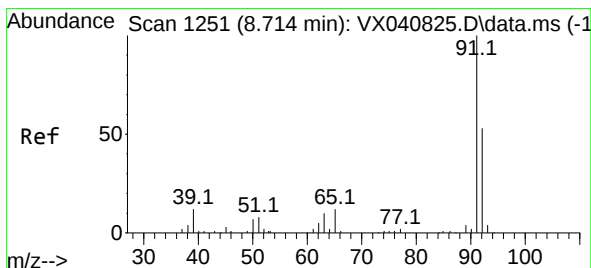
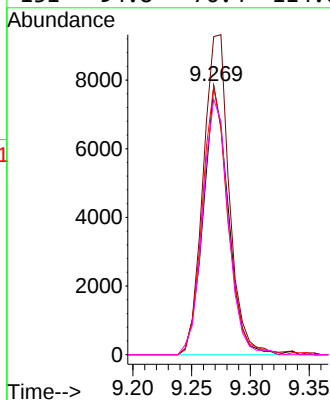
Tgt Ion:164 Resp: 11479
Ion Ratio Lower Upper
164 100
166 118.2 104.0 156.0
129 99.6 82.0 123.0
131 94.8 76.4 114.6

Manual Integrations
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Reviewed By :John
Carlone

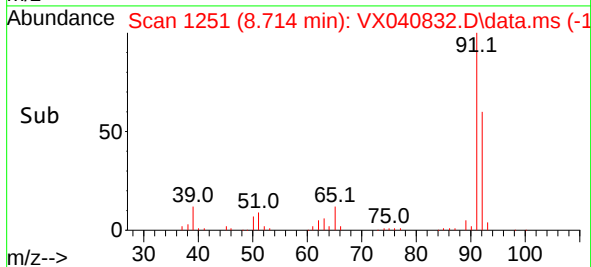
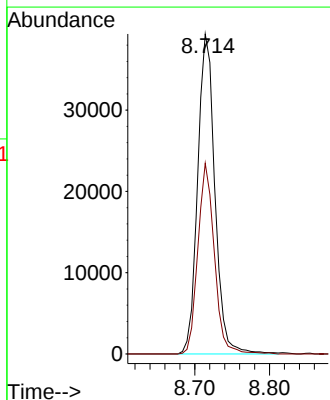
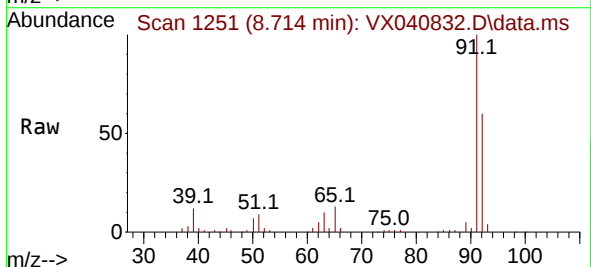
04/01/2024
Supervised By :Mahesh
Dadoda

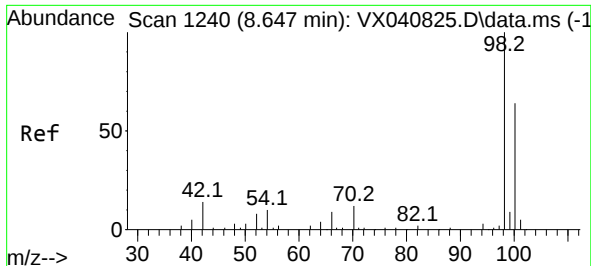
04/01/2024



#62
Toluene
Concen: 22.657 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX040832.D
Acq: 29 Mar 2024 09:29

Tgt Ion: 91 Resp: 63132
Ion Ratio Lower Upper
91 100
92 56.9 45.9 68.9





#63
Toluene-d8
Concen: 31.180 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX040832.D
Acq: 29 Mar 2024 09:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

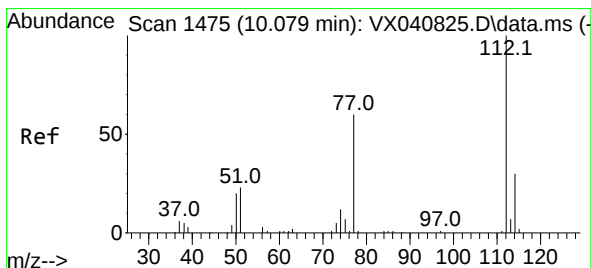
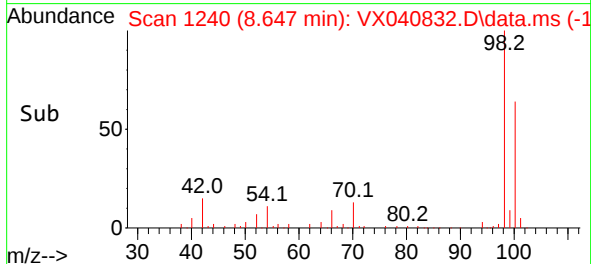
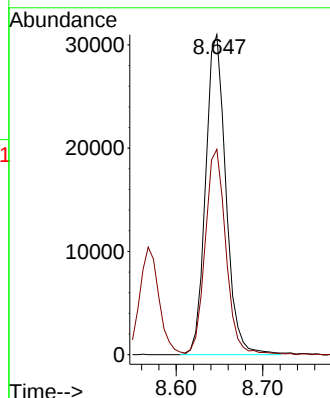
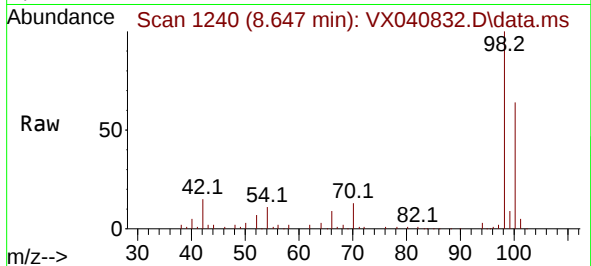
Tgt Ion: 98 Resp: 50359
Ion Ratio Lower Upper
98 100
100 65.5 51.0 76.4

Manual Integrations
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Reviewed By :John
Carlone

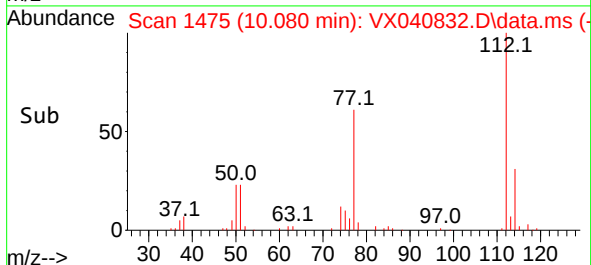
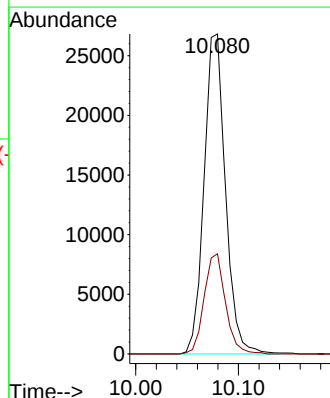
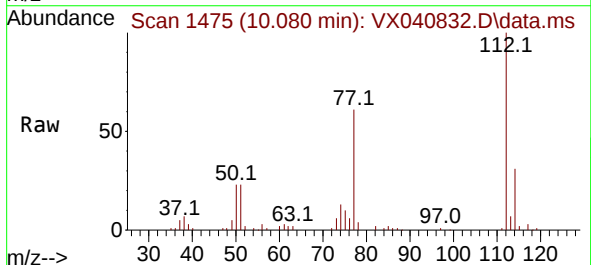
04/01/2024
Supervised By :Mahesh
Dadoda

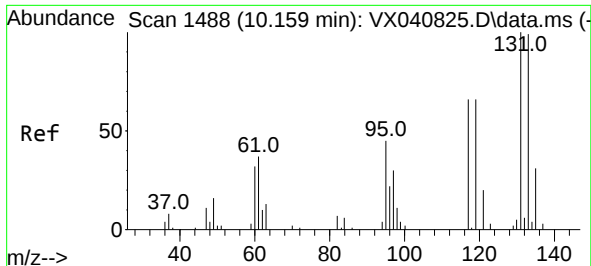
04/01/2024



#64
Chlorobenzene
Concen: 21.613 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX040832.D
Acq: 29 Mar 2024 09:29

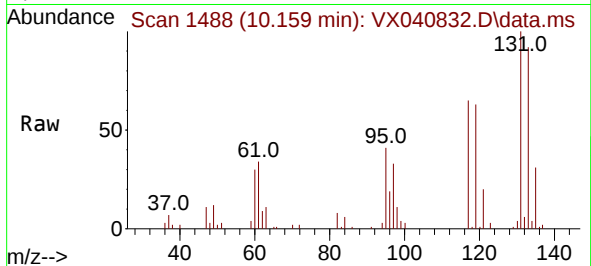
Tgt Ion:112 Resp: 38931
Ion Ratio Lower Upper
112 100
114 31.3 25.9 38.9





#65
1,1,1,2-Tetrachloroethane
Concen: 21.691 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX040832.D
Acq: 29 Mar 2024 09:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



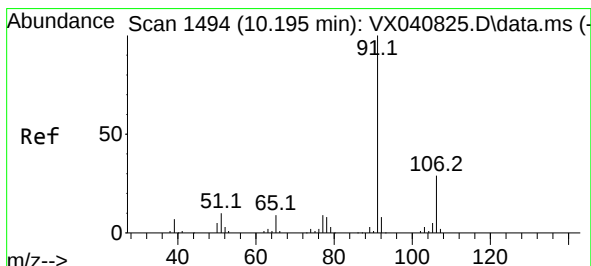
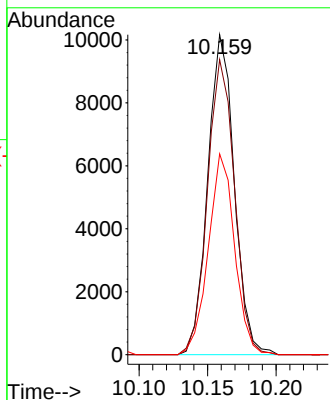
Tgt Ion:131 Resp: 1369
Ion Ratio Lower Upper
131 100
133 93.9 0.0 191.8
119 62.3 0.0 135.4

Manual Integrations
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Reviewed By :John
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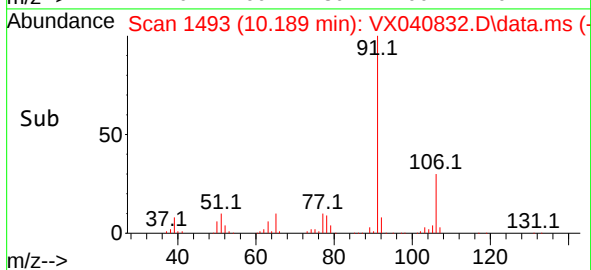
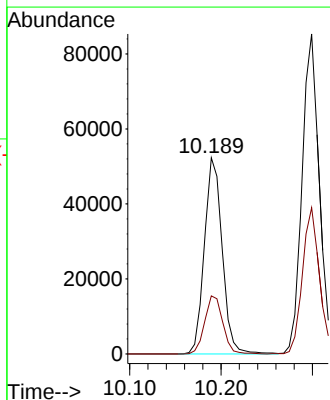
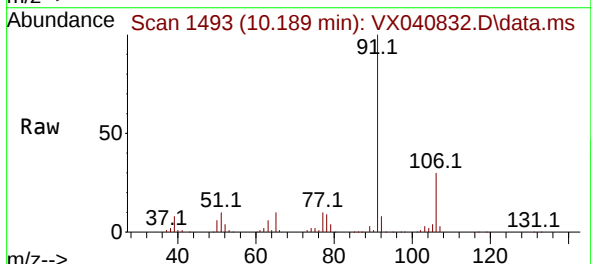
04/01/2024
Supervised By :Mahesh
Dadoda

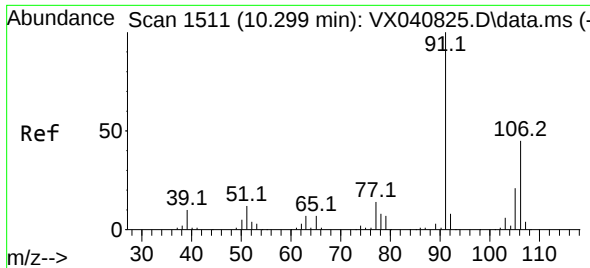
04/01/2024



#66
Ethyl Benzene
Concen: 21.590 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. -0.006 min
Lab File: VX040832.D
Acq: 29 Mar 2024 09:29

Tgt Ion: 91 Resp: 70711
Ion Ratio Lower Upper
91 100
106 29.6 24.4 36.6





#67
m/p-Xylenes
Concen: 42.630 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX040832.D
Acq: 29 Mar 2024 09:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

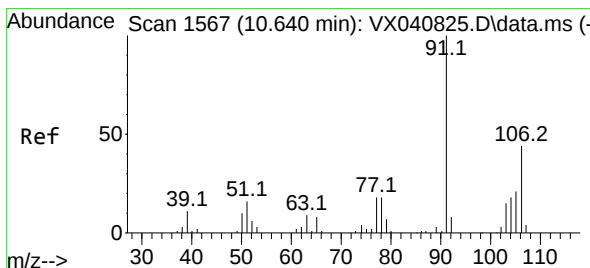
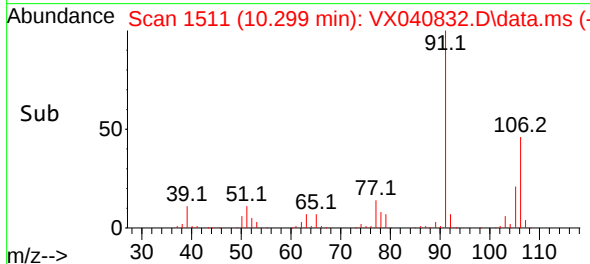
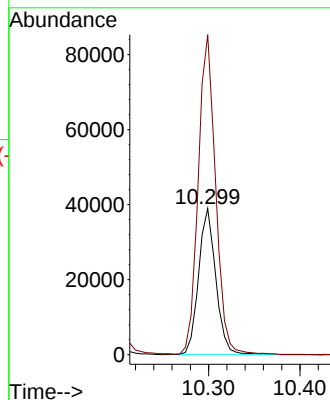
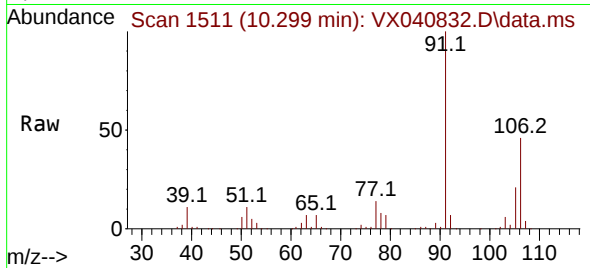
Tgt Ion:106 Resp: 51259
Ion Ratio Lower Upper
106 100
91 221.1 169.4 254.0

Manual Integrations
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Reviewed By :John
Carlone

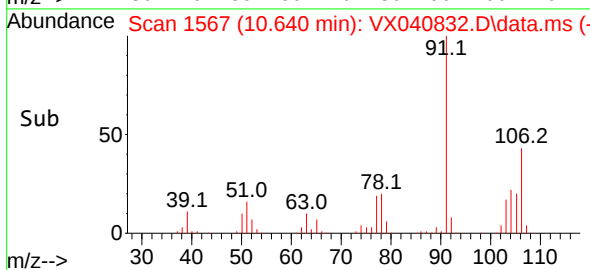
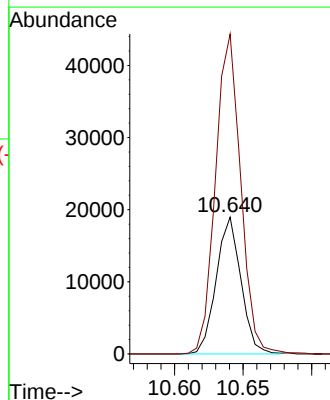
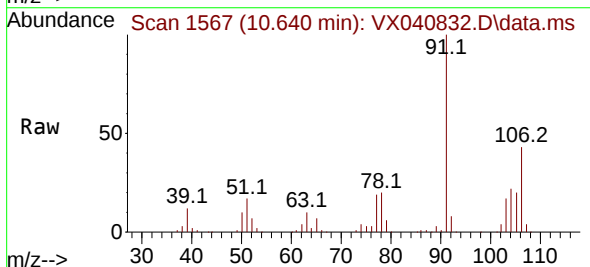
04/01/2024
Supervised By :Mahesh
Dadoda

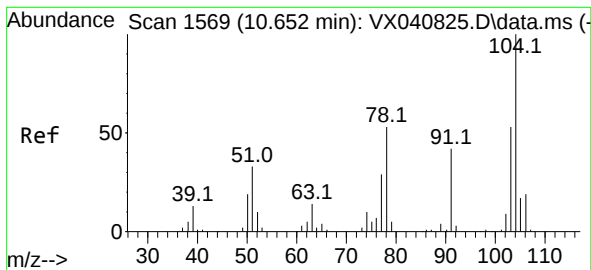
04/01/2024



#68
o-Xylene
Concen: 20.993 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX040832.D
Acq: 29 Mar 2024 09:29

Tgt Ion:106 Resp: 23780
Ion Ratio Lower Upper
106 100
91 237.9 111.2 333.6





#69

Styrene

Concen: 20.974 ug/l

RT: 10.653 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VX040832.D

Acq: 29 Mar 2024 09:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion:104 Resp: 41225

Ion	Ratio	Lower	Upper
104	100		
78	59.7	43.7	65.5
103	56.2	44.6	67.0

Manual Integrations

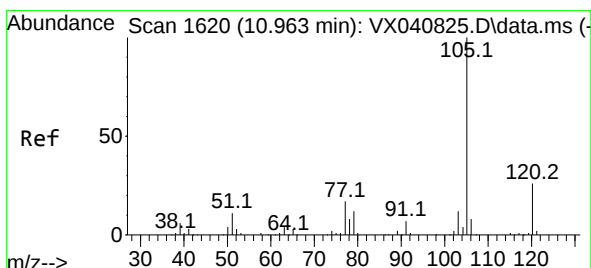
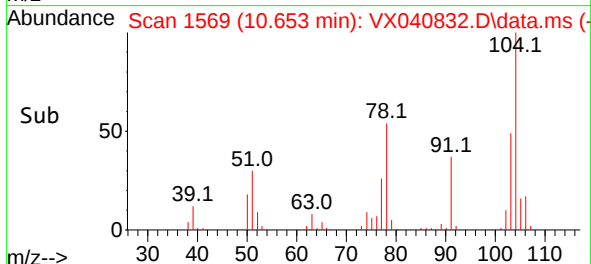
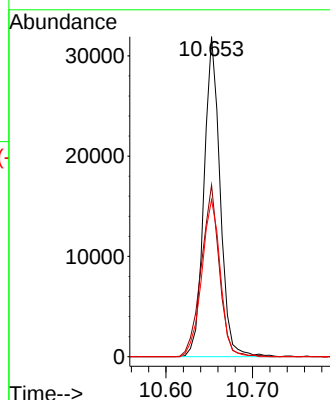
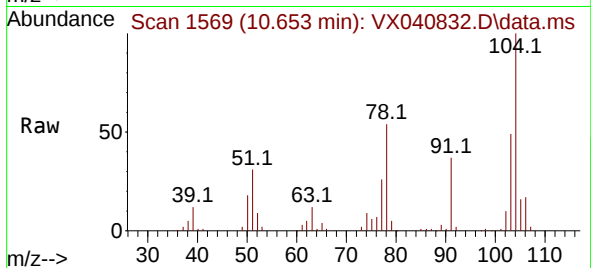
APPROVED

Reviewed By :John
Carlone

04/01/2024

Supervised By :Mahesh
Dadoda

04/01/2024



#70

Isopropylbenzene

Concen: 20.921 ug/l

RT: 10.964 min Scan# 1620

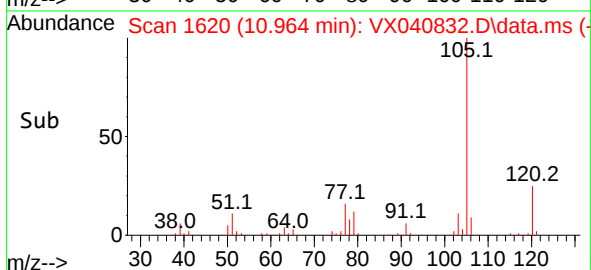
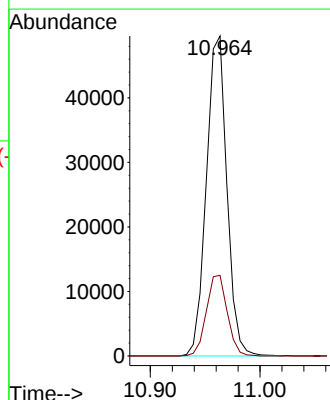
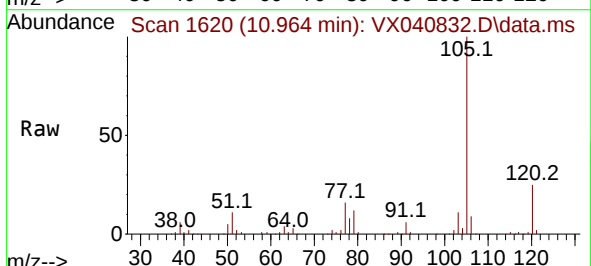
Delta R.T. 0.000 min

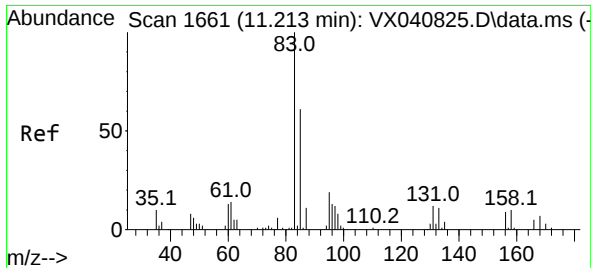
Lab File: VX040832.D

Acq: 29 Mar 2024 09:29

Tgt Ion:105 Resp: 64555

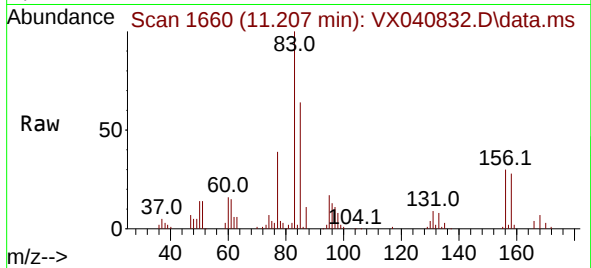
Ion	Ratio	Lower	Upper
105	100		
120	25.6	18.5	34.3





#71
1,1,2,2-Tetrachloroethane
Concen: 20.544 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. -0.006 min
Lab File: VX040832.D
Acq: 29 Mar 2024 09:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



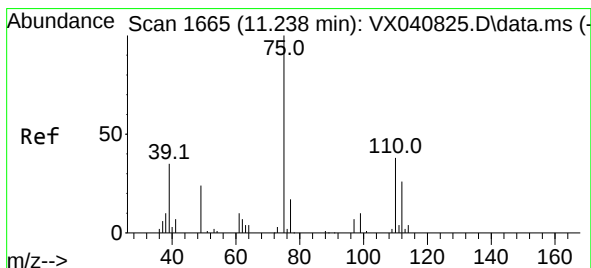
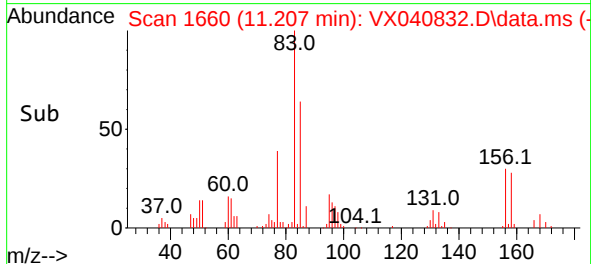
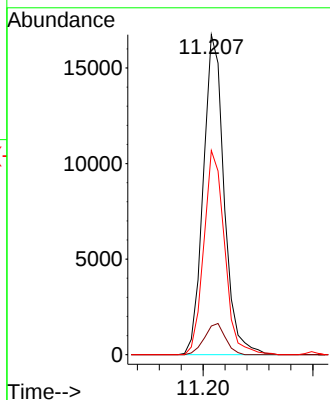
Tgt Ion: 83 Resp: 22010
Ion Ratio Lower Upper
83 100
131 9.8 4.6 13.8
85 63.7 32.5 97.4

Manual Integrations
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Reviewed By :John
Carlone

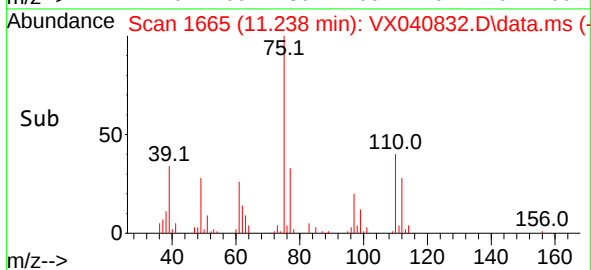
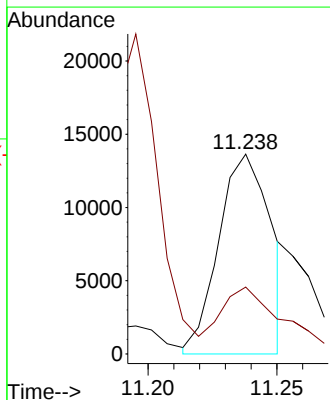
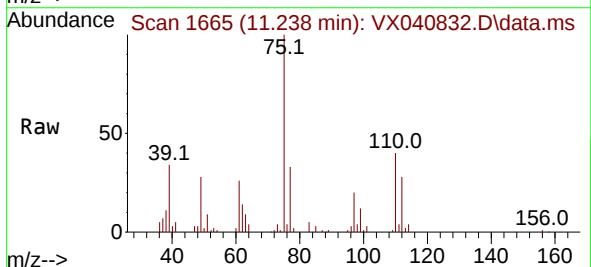
04/01/2024
Supervised By :Mahesh
Dadoda

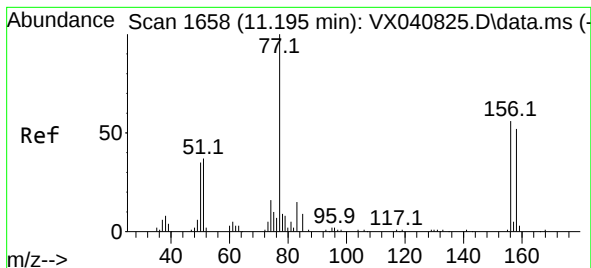
04/01/2024



#72
1,2,3-Trichloropropane
Concen: 21.130 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX040832.D
Acq: 29 Mar 2024 09:29

Tgt Ion: 75 Resp: 19171
Ion Ratio Lower Upper
75 100
77 40.8 0.0 76.4





#73

Bromobenzene

Concen: 21.370 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX040832.D

Acq: 29 Mar 2024 09:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion:	156	Resp:	15724
Ion Ratio	Lower	Upper	
156	100		
77	177.1	0.0	363.2
158	98.1	0.0	197.8

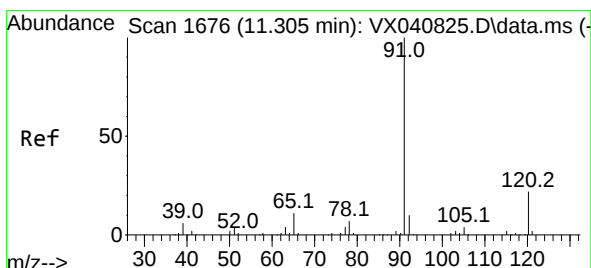
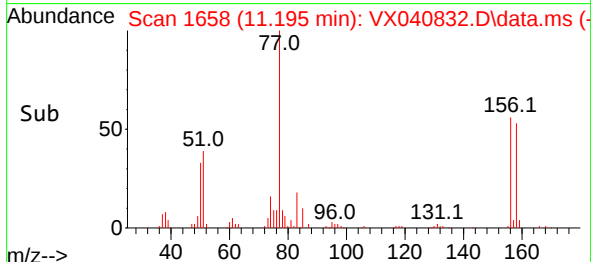
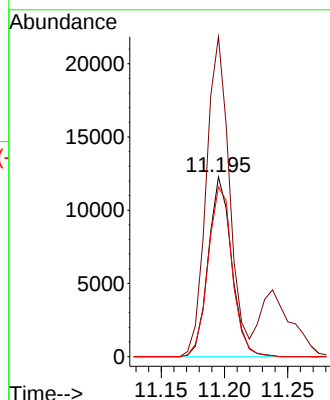
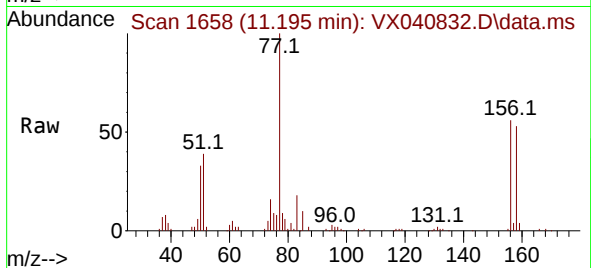
Manual Integrations
APPROVED

Reviewed By :John
Carlone

04/01/2024

Supervised By :Mahesh
Dadoda

04/01/2024



#74

n-propylbenzene

Concen: 21.371 ug/l

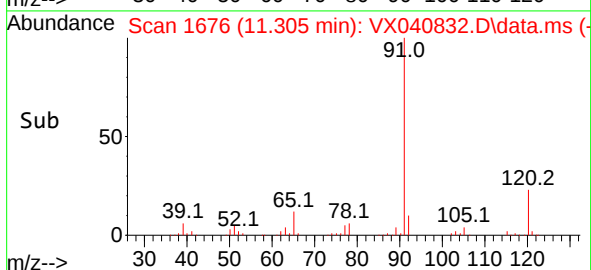
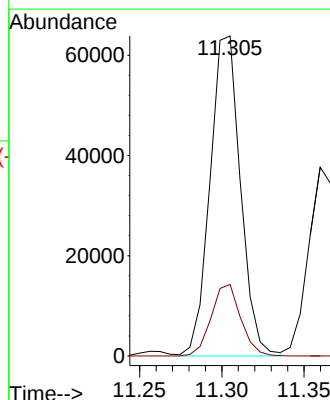
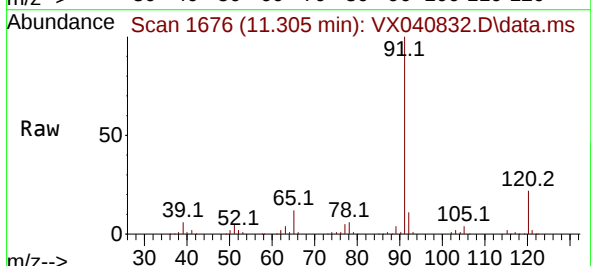
RT: 11.305 min Scan# 1676

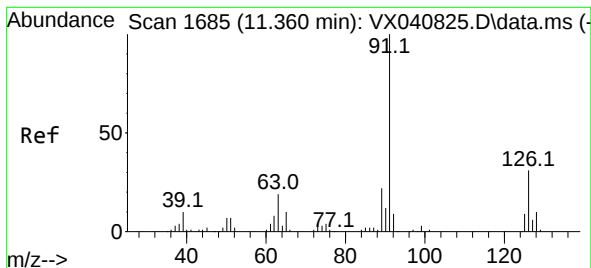
Delta R.T. 0.000 min

Lab File: VX040832.D

Acq: 29 Mar 2024 09:29

Tgt Ion:	91	Resp:	82325
Ion Ratio	Lower	Upper	
91	100		
120	21.6	0.0	43.4





#75
2-Chlorotoluene
Concen: 21.321 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VX040832.D
Acq: 29 Mar 2024 09:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

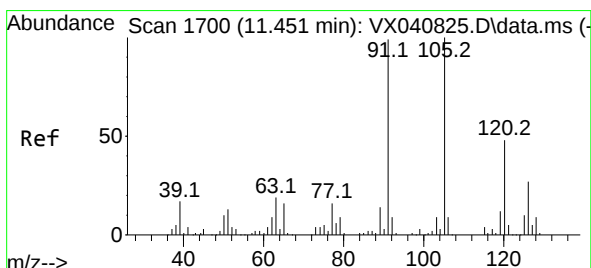
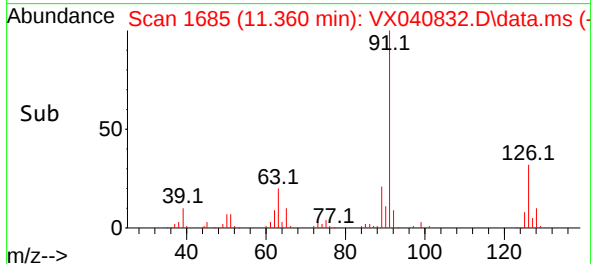
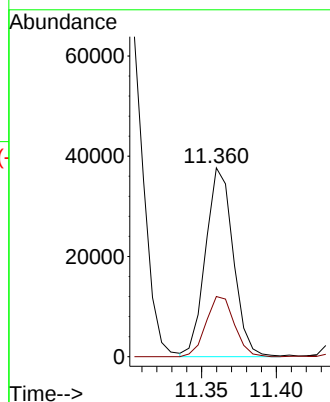
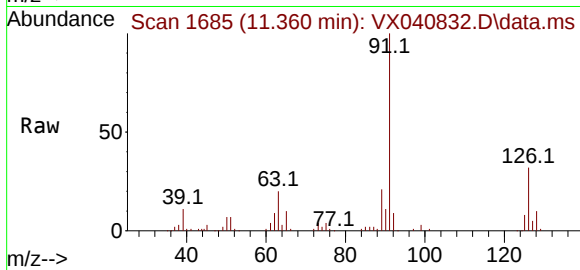
Tgt Ion: 91 Resp: 48560
Ion Ratio Lower Upper
91 100
126 32.6 0.0 64.2

Manual Integrations
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Reviewed By :John
Carlone

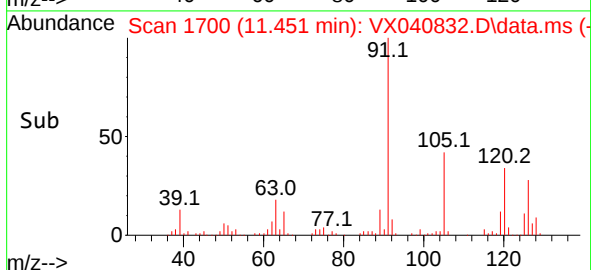
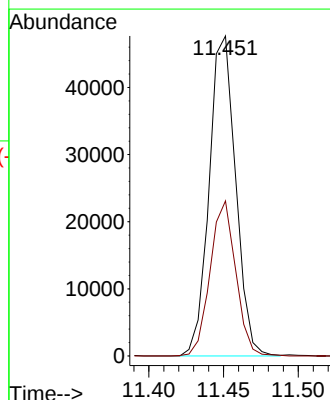
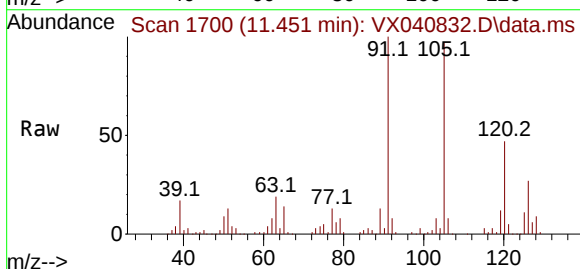
04/01/2024
Supervised By :Mahesh
Dadoda

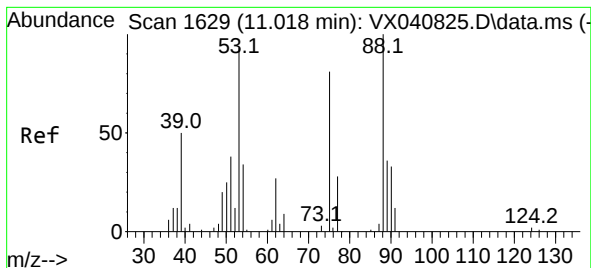
04/01/2024



#76
1,3,5-Trimethylbenzene
Concen: 22.053 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX040832.D
Acq: 29 Mar 2024 09:29

Tgt Ion:105 Resp: 58885
Ion Ratio Lower Upper
105 100
120 46.7 0.0 92.6





#77
t-1,4-Dichloro-2-butene
Concen: 18.564 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX040832.D
Acq: 29 Mar 2024 09:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

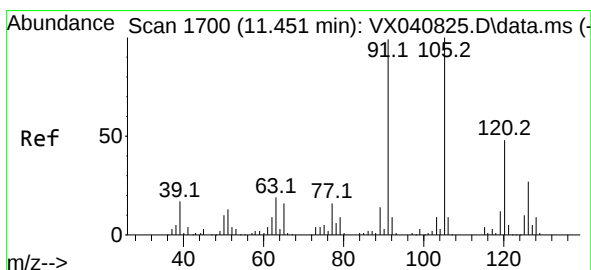
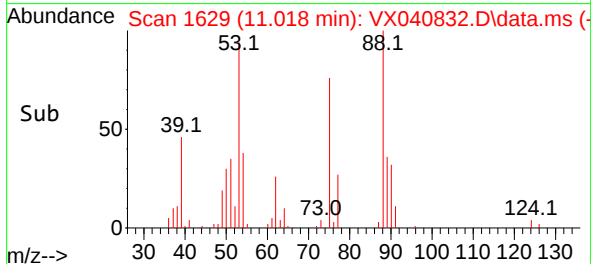
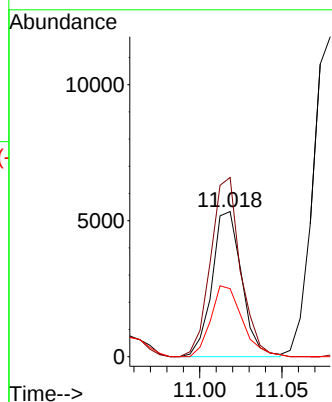
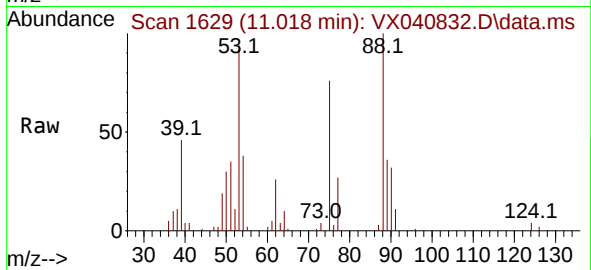
Tgt Ion: 75 Resp: 670
Ion Ratio Lower Upper
75 100
53 123.5 46.9 140.8
89 46.9 21.3 63.7

Manual Integrations
APPROVED

Reviewed By :John
Carlone

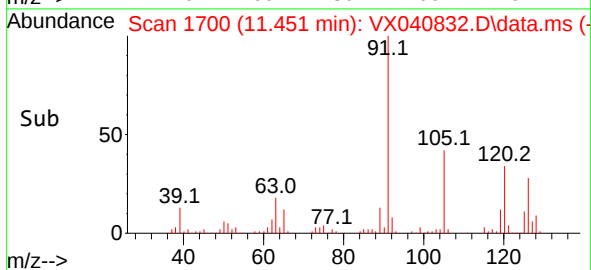
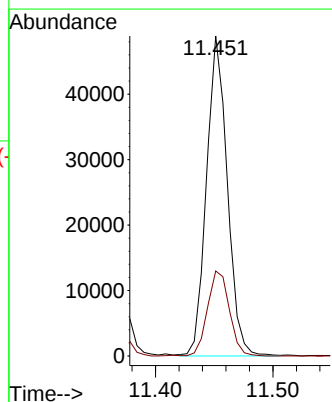
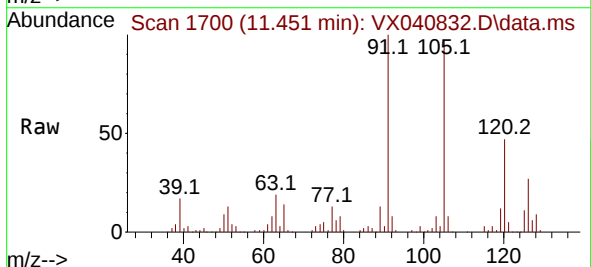
04/01/2024
Supervised By :Mahesh
Dadoda

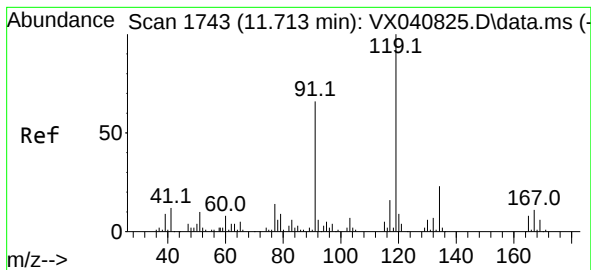
04/01/2024



#78
4-Chlorotoluene
Concen: 22.191 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX040832.D
Acq: 29 Mar 2024 09:29

Tgt Ion: 91 Resp: 60069
Ion Ratio Lower Upper
91 100
126 27.8 0.0 57.4





#79
tert-butylbenzene
Concen: 22.073 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX040832.D
Acq: 29 Mar 2024 09:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

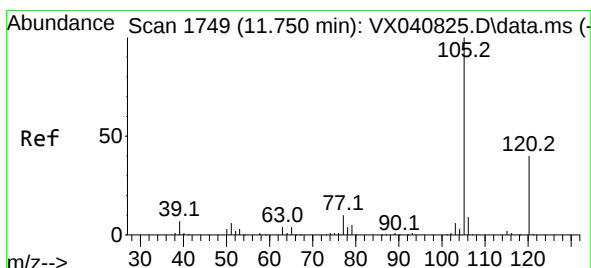
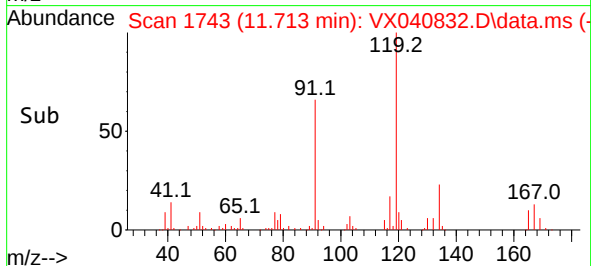
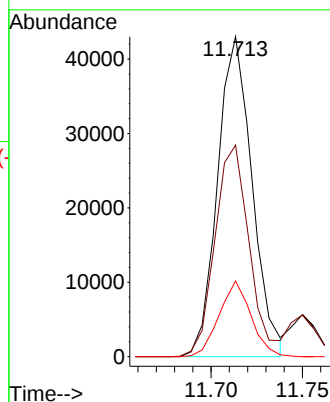
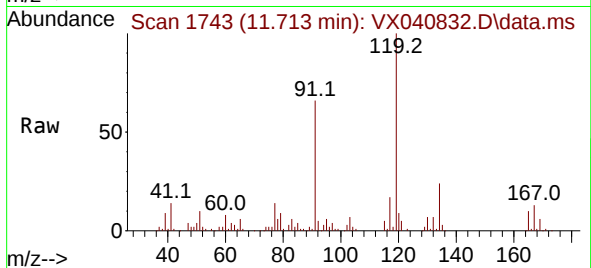
Tgt Ion:119 Resp: 56715
Ion Ratio Lower Upper
119 100
91 65.6 0.0 125.6
134 21.8 0.0 43.8

Manual Integrations
APPROVED

Reviewed By :John
Carlone

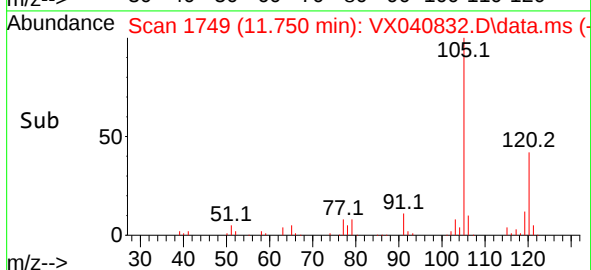
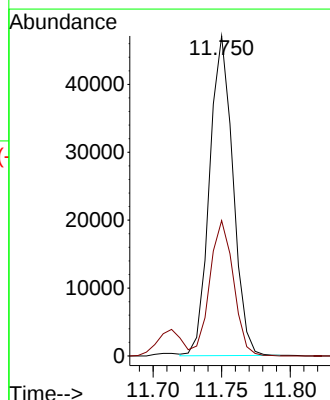
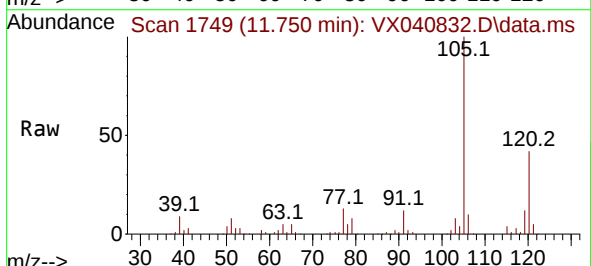
04/01/2024
Supervised By :Mahesh
Dadoda

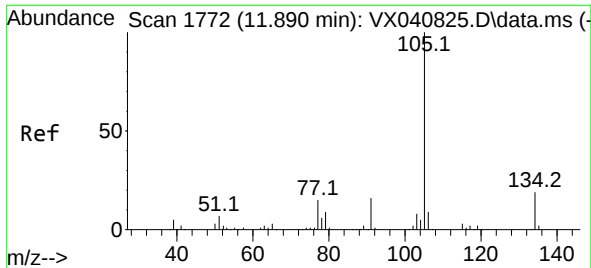
04/01/2024



#80
1,2,4-Trimethylbenzene
Concen: 21.145 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX040832.D
Acq: 29 Mar 2024 09:29

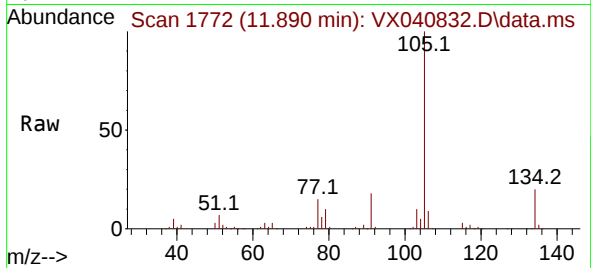
Tgt Ion:105 Resp: 55952
Ion Ratio Lower Upper
105 100
120 42.9 0.0 86.4





#81
 sec-Butylbenzene
 Concen: 21.382 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX040832.D
 Acq: 29 Mar 2024 09:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020



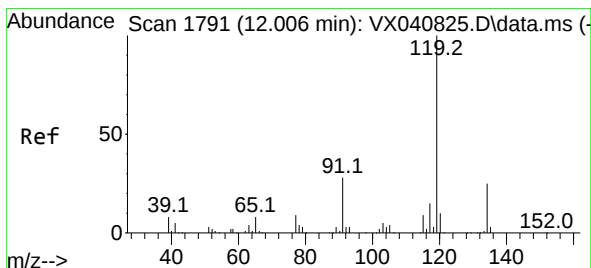
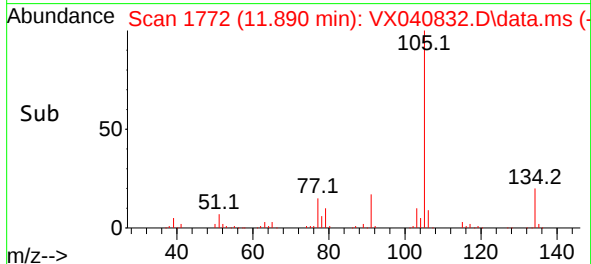
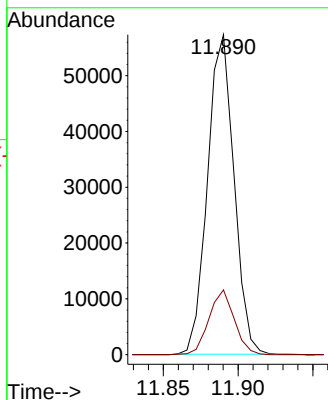
Tgt Ion:105 Resp: 70450
 Ion Ratio Lower Upper
 105 100
 134 19.4 0.0 38.4

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

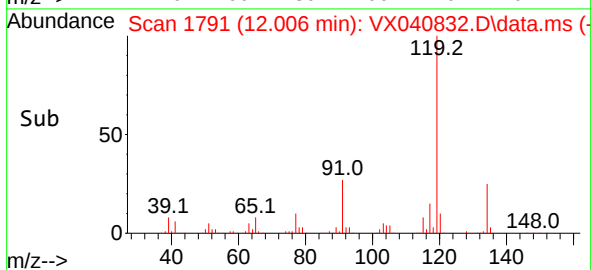
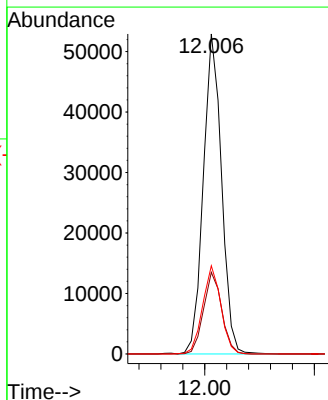
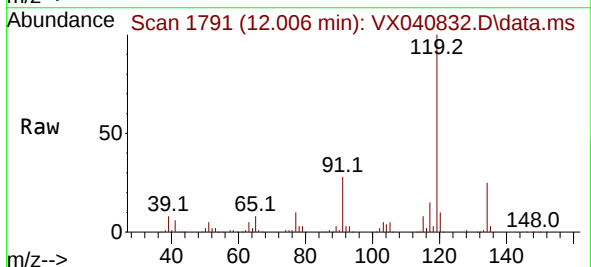
04/01/2024
 Supervised By :Mahesh
 Dadoda

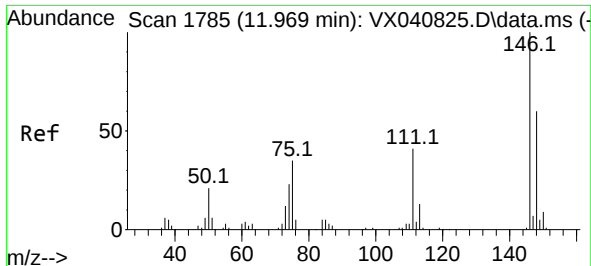
04/01/2024



#82
 p-Isopropyltoluene
 Concen: 21.795 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX040832.D
 Acq: 29 Mar 2024 09:29

Tgt Ion:119 Resp: 60806
 Ion Ratio Lower Upper
 119 100
 134 25.5 0.0 52.6
 91 27.6 0.0 54.2





#83

1,3-Dichlorobenzene

Concen: 21.665 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX040832.D

Acq: 29 Mar 2024 09:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion:146 Resp: 30954

Ion	Ratio	Lower	Upper
146	100		
111	43.3	22.3	66.9
148	63.5	32.8	98.3

Manual Integrations

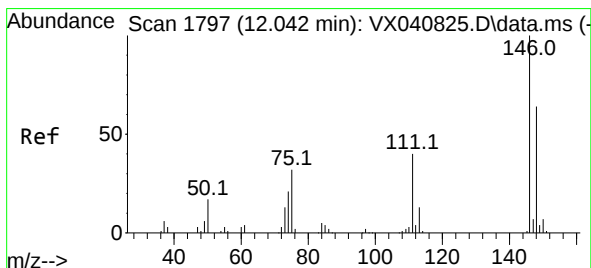
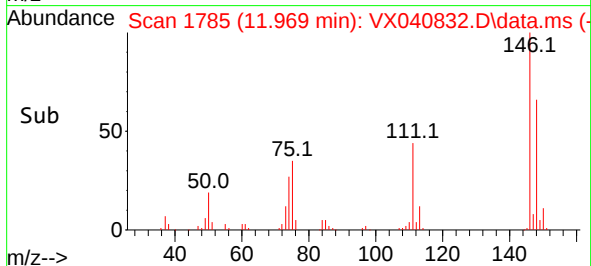
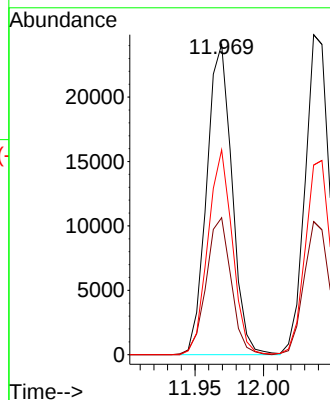
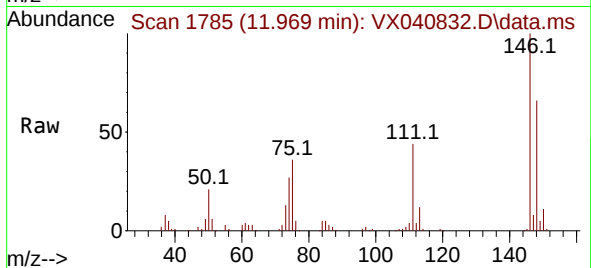
APPROVED

Reviewed By :John
Carlone

04/01/2024

Supervised By :Mahesh
Dadoda

04/01/2024



#84

1,4-Dichlorobenzene

Concen: 21.243 ug/l

RT: 12.037 min Scan# 1796

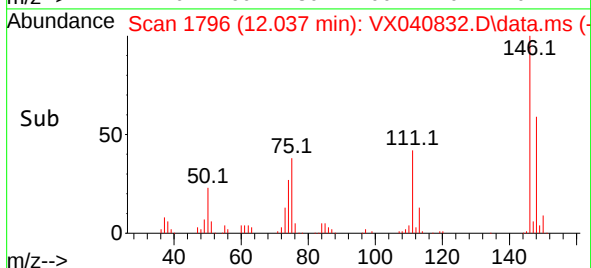
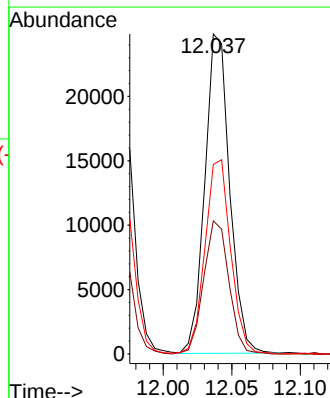
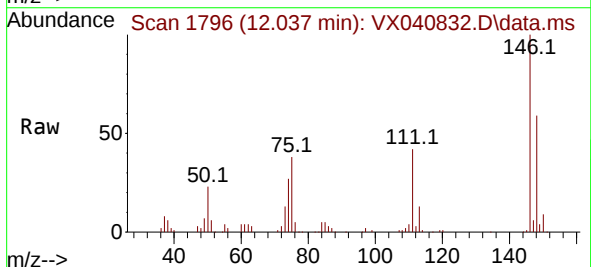
Delta R.T. -0.006 min

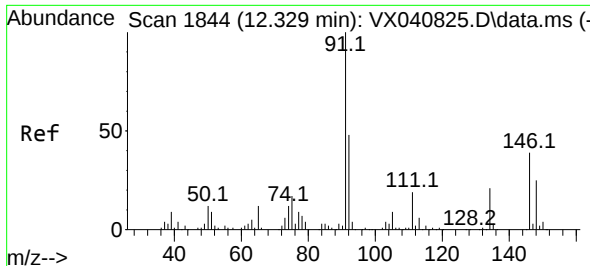
Lab File: VX040832.D

Acq: 29 Mar 2024 09:29

Tgt Ion:146 Resp: 31278

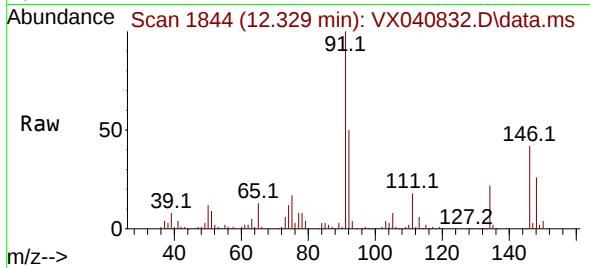
Ion	Ratio	Lower	Upper
146	100		
111	42.2	21.4	64.2
148	63.0	31.8	95.4





#85
n-Butylbenzene
Concen: 21.625 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX040832.D
Acq: 29 Mar 2024 09:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



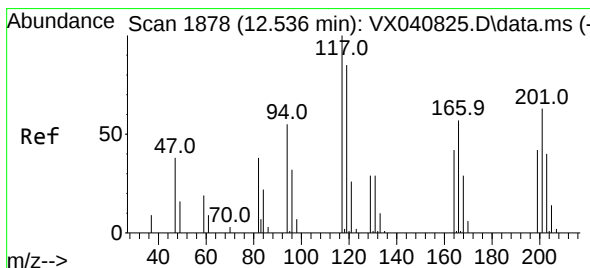
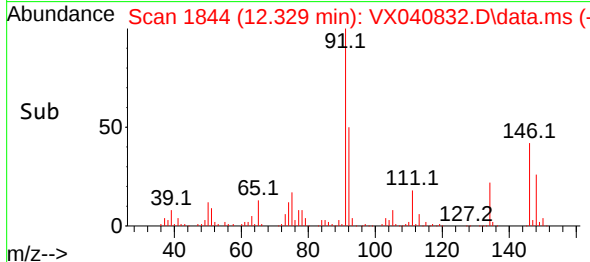
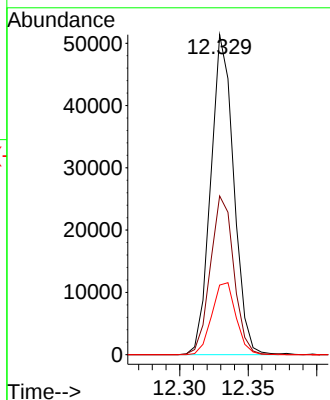
Tgt Ion: 91 Resp: 6000
Ion Ratio Lower Upper
91 100
92 50.5 0.0 106.2
134 23.6 0.0 48.8

Manual Integrations
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Reviewed By :John
Carlone

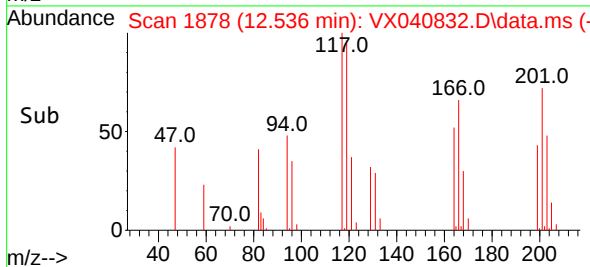
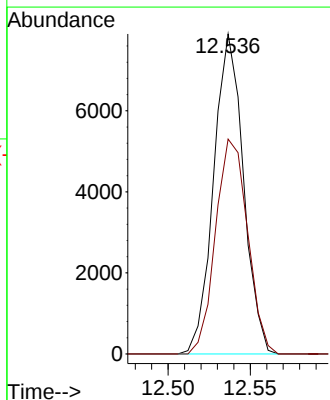
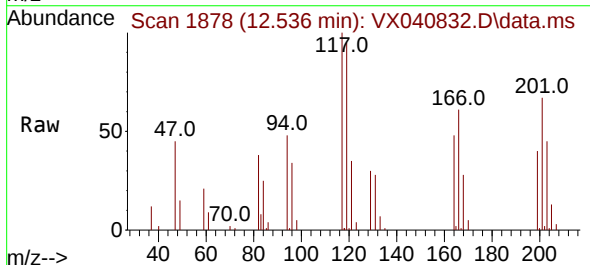
04/01/2024
Supervised By :Mahesh
Dadoda

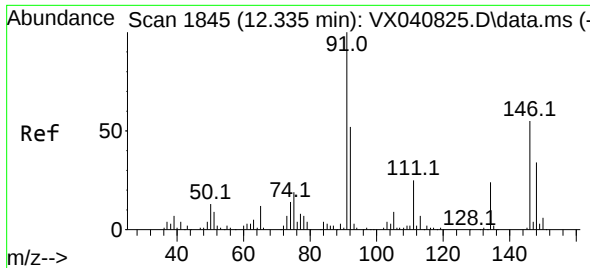
04/01/2024



#86
Hexachloroethane
Concen: 20.031 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX040832.D
Acq: 29 Mar 2024 09:29

Tgt Ion:117 Resp: 9929
Ion Ratio Lower Upper
117 100
201 72.3 31.8 95.3





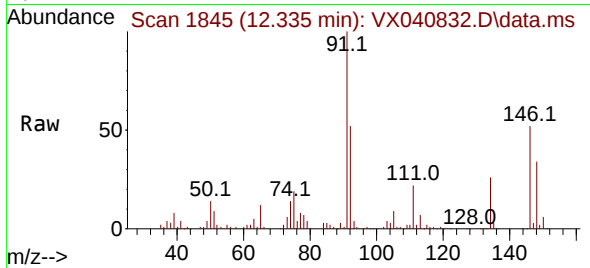
#87
1,2-Dichlorobenzene
Concen: 21.346 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX040832.D
Acq: 29 Mar 2024 09:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020



Tgt Ion:146 Resp: 2950
Ion Ratio Lower Upper
146 100
111 44.5 22.4 67.2
148 64.7 31.9 95.7

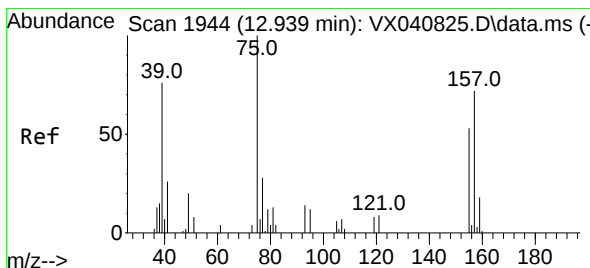
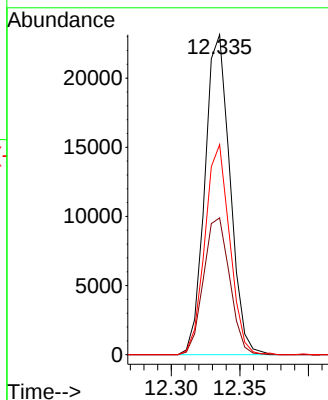
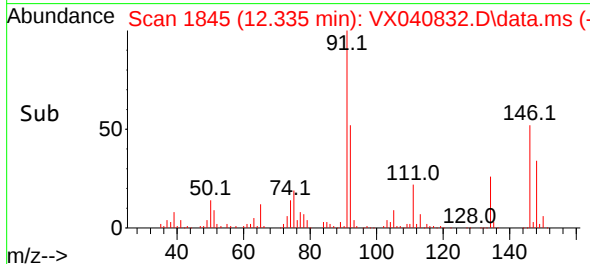
Manual Integrations
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Reviewed By :John
Carlone

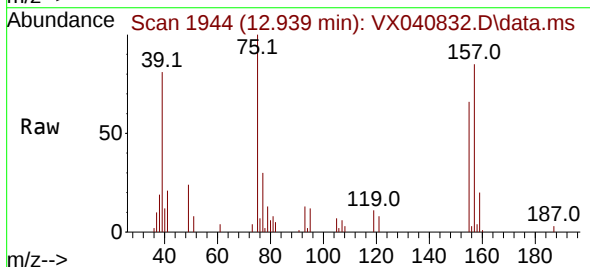
04/01/2024

Supervised By :Mahesh
Dadoda

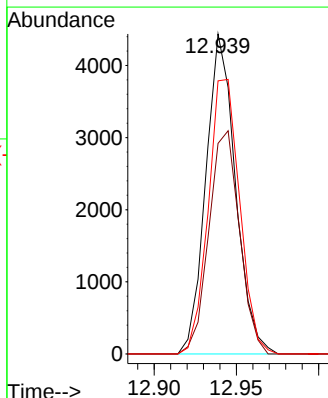
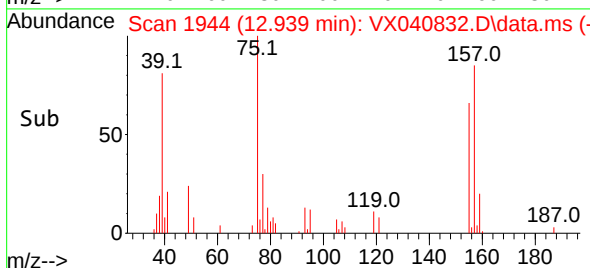
04/01/2024

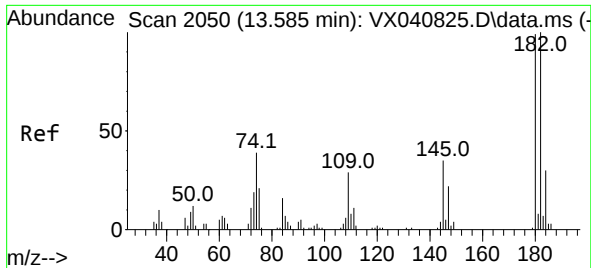


#88
1,2-Dibromo-3-Chloropropane
Concen: 20.162 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX040832.D
Acq: 29 Mar 2024 09:29



Tgt Ion: 75 Resp: 5561
Ion Ratio Lower Upper
75 100
155 72.1 58.2 87.4
157 91.0 76.5 114.7





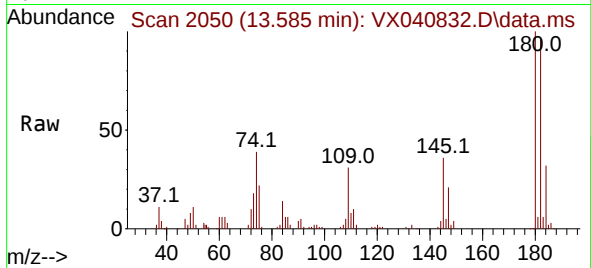
#89
1,2,4-Trichlorobenzene
Concen: 21.501 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX040832.D
Acq: 29 Mar 2024 09:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020



Tgt Ion:180 Resp: 20730
Ion Ratio Lower Upper
180 100
182 96.6 74.5 111.7
145 34.2 26.6 40.0

Manual Integrations

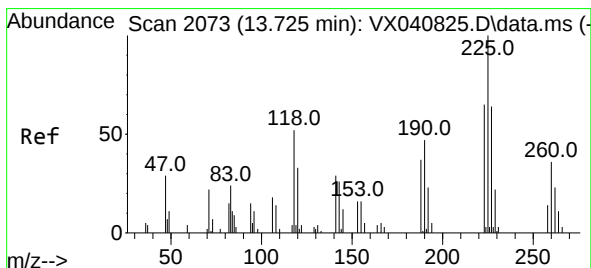
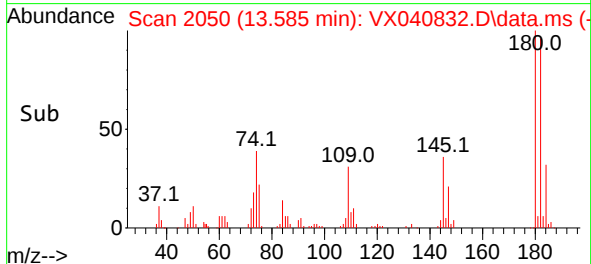
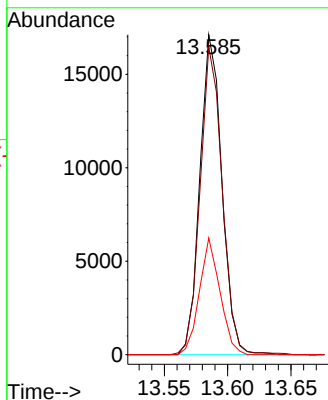
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Reviewed By :John
Carlone

04/01/2024

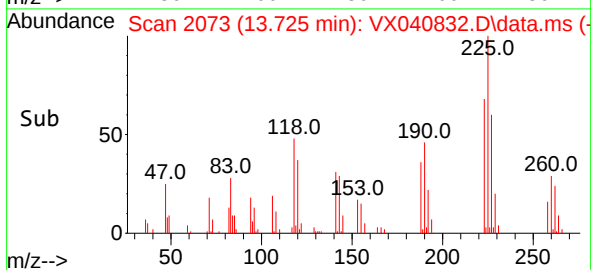
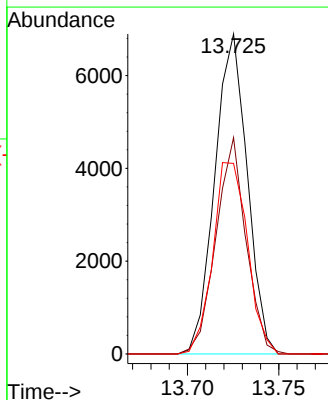
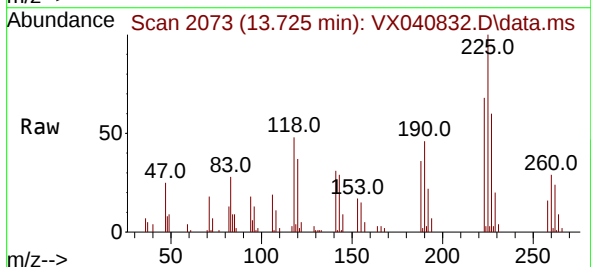
Supervised By :Mahesh
Dadoda

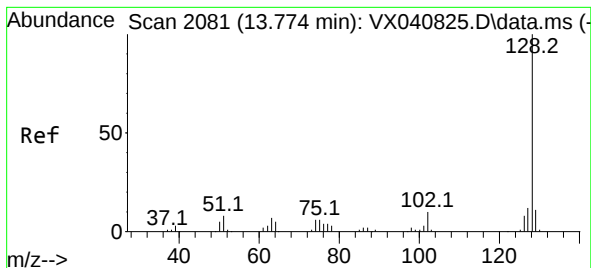
04/01/2024



#90
Hexachlorobutadiene
Concen: 23.591 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX040832.D
Acq: 29 Mar 2024 09:29

Tgt Ion:225 Resp: 8530
Ion Ratio Lower Upper
225 100
223 62.6 0.0 124.4
227 64.0 0.0 124.4





#91

Naphthalene

Concen: 21.520 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX040832.D

Acq: 29 Mar 2024 09:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion:128	Resp: 6939
Ion Ratio	Lower Upper
128 100	
127 13.4	10.2 15.2
129 10.3	8.6 12.8

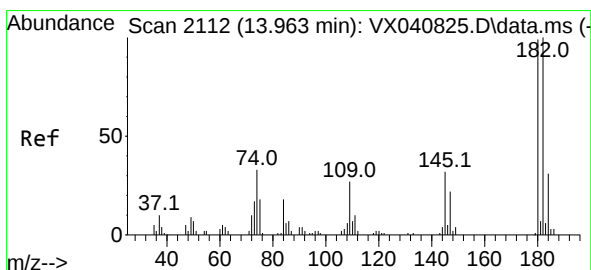
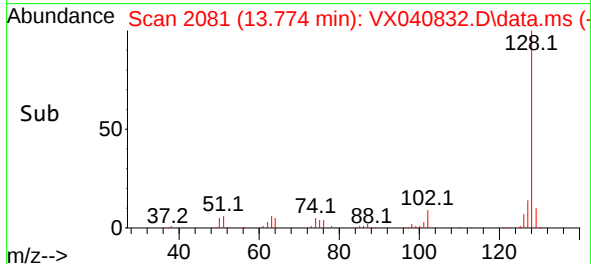
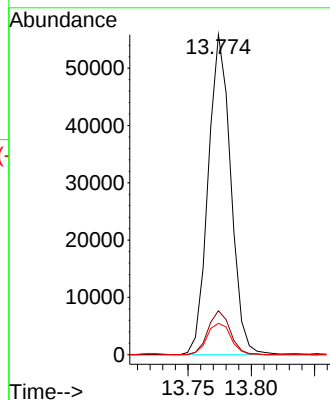
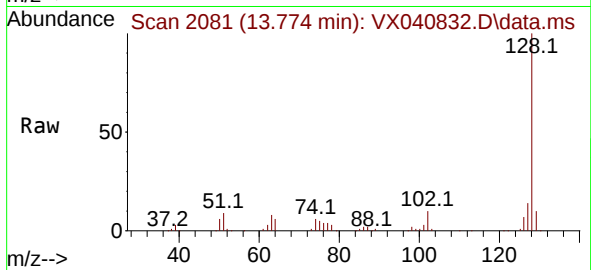
Manual Integrations
APPROVED

Reviewed By :John
Carlone

04/01/2024

Supervised By :Mahesh
Dadoda

04/01/2024



#92

1,2,3-Trichlorobenzene

Concen: 22.115 ug/l

RT: 13.957 min Scan# 2111

Delta R.T. -0.006 min

Lab File: VX040832.D

Acq: 29 Mar 2024 09:29

Tgt Ion:180	Resp: 20325
Ion Ratio	Lower Upper
180 100	
182 95.1	0.0 191.6
145 33.7	0.0 69.6

