

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112923\
 Data File : VX039051.D
 Acq On : 29 Nov 2023 10:23
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Quant Time: Nov 30 01:35:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X112423W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Nov 27 03:22:25 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John

Carlone

11/30/2023

Supervised By :Mahesh

Dadoda

11/30/2023

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

Internal Standards						
1) Bromochloromethane	4.891	128	13422	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	110716	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.049	117	137012	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	56002	30.499	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 101.667%			
60) 4-Bromofluorobenzene	11.079	95	88346	29.522	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 98.400%			
63) Toluene-d8	8.647	98	161520	29.817	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 99.400%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.167	85	39579	19.701	ug/l	100
3) Chloromethane	1.295	50	45192	19.646	ug/l	98
4) Vinyl Chloride	1.374	62	44952	19.357	ug/l	98
5) Bromomethane	1.605	94	31036	21.851	ug/l	98
6) Chloroethane	1.691	64	27356	20.229	ug/l	97
7) Trichlorofluoromethane	1.892	101	65043	20.294	ug/l	95
8) Diethyl Ether	2.130	74	25104	20.405	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.331	101	38733	21.385	ug/l	97
10) 1,1-Dichloroethene	2.319	96	38223	20.936	ug/l	94
11) Methyl Iodide	2.453	142	41395	20.691	ug/l	97
12) Methyl Acetate	2.697	43	114501	20.109	ug/l	100
13) Acrolein	2.233	56	49413	99.059	ug/l	99
14) Acrylonitrile	3.056	53	143236	102.850	ug/l	99
15) Acetone	2.374	58	60077	118.676	ug/l	97
16) Carbon Disulfide	2.514	76	107985	19.529	ug/l	97
17) Allyl chloride	2.660	41	72889	20.111	ug/l	95
18) Methylene Chloride	2.788	84	43709	20.197	ug/l	98
19) trans-1,2-Dichloroethene	3.093	96	41830	20.258	ug/l	96
20) Diisopropyl ether	3.751	45	143676	20.831	ug/l #	98
21) 1,1-Dichloroethane	3.605	63	78526	20.477	ug/l	99
22) cis-1,2-Dichloroethene	4.483	96	48173	20.131	ug/l	100
23) tert-Butyl Alcohol	2.941	59	69628	90.311	ug/l #	100
24) Methyl tert-Butyl Ether	3.105	73	138398	20.578	ug/l	100
25) Chloroform	5.087	83	79707	20.710	ug/l	93
26) Cyclohexane	5.465	56	70351	20.269	ug/l #	99
29) 1,1-Dichloropropene	5.690	75	59471	19.161	ug/l	99
30) 2-Butanone	4.544	43	235535	100.796	ug/l	100
31) 2,2-Dichloropropane	4.471	77	69462	19.574	ug/l	99
32) 1,1,1-Trichloroethane	5.379	97	69533	19.383	ug/l	98
33) Carbon Tetrachloride	5.672	117	57797	19.127	ug/l	96
34) Benzene	6.031	78	177339	19.615	ug/l	99
35) Methacrylonitrile	4.910	41	40939	19.778	ug/l	95
36) 1,2-Dichloroethane	6.080	62	60902	18.358	ug/l	99
37) Trichloroethene	7.123	130	44581	19.428	ug/l	100
38) Methylcyclohexane	7.379	83	74682	19.312	ug/l	99
39) 1,2-Dichloropropane	7.421	63	47379	19.870	ug/l	96
40) Dibromomethane	7.574	93	31893	18.931	ug/l	98
41) Bromodichloromethane	7.818	83	62657	19.359	ug/l	97
42) Vinyl Acetate	3.715	43	551272	99.048	ug/l	100

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Reviewed By :John

Carlone

11/30/2023

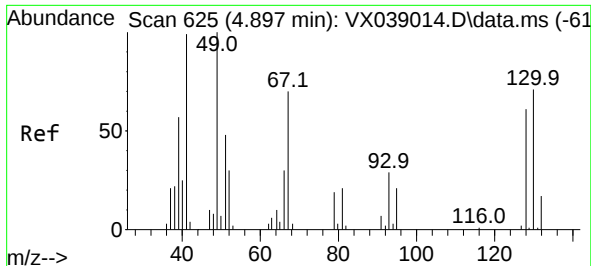
Supervised By :Mahesh

Dadoda

11/30/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.702	43	75986	18.901	ug/l	99
44) Isopropyl Acetate	6.330	43	121113	19.111	ug/l	99
45) 1,4-Dioxane	7.653	88	23710	366.480	ug/l	96
46) Methyl methacrylate	7.690	41	69138	19.081	ug/l	96
47) n-amyl Acetate	10.842	43	101106	18.849	ug/l	99
48) t-1,3-Dichloropropene	8.976	75	70490	18.783	ug/l	95
49) cis-1,3-Dichloropropene	8.360	75	75348	19.462	ug/l	98
50) 1,1,2-Trichloroethane	9.147	97	44944	19.638	ug/l	95
51) Ethyl methacrylate	9.110	69	55156	19.253	ug/l	98
52) 1,3-Dichloropropane	9.305	76	76407	19.470	ug/l	100
53) Dibromochloromethane	9.519	129	46649	18.980	ug/l	97
54) 1,2-Dibromoethane	9.610	107	47935	19.099	ug/l	99
55) 2-Chloroethyl vinyl ether	8.238	63	165612	91.204	ug/l	100
56) Bromoform	10.799	173	32546	18.347	ug/l	99
58) 4-Methyl-2-Pentanone	8.568	43	410250	98.740	ug/l	100
59) 2-Hexanone	9.427	43	338208	99.167	ug/l	99
61) Tetrachloroethene	9.269	164	35329	19.832	ug/l	97
62) Toluene	8.714	91	193016	19.842	ug/l	99
64) Chlorobenzene	10.073	112	116544	19.697	ug/l	96
65) 1,1,1,2-Tetrachloroethane	10.159	131	42259	19.831	ug/l	97
66) Ethyl Benzene	10.189	91	216723	19.566	ug/l	98
67) m/p-Xylenes	10.299	106	161138	39.369	ug/l	99
68) o-Xylene	10.640	106	77464	19.538	ug/l	100
69) Styrene	10.653	104	113876	19.407	ug/l	99
70) Isopropylbenzene	10.957	105	207221	19.535	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.207	83	76960	19.434	ug/l	98
72) 1,2,3-Trichloropropane	11.238	75	66879m	19.958	ug/l	
73) Bromobenzene	11.195	156	47048	19.481	ug/l	97
74) n-propylbenzene	11.305	91	255635	19.669	ug/l	99
75) 2-Chlorotoluene	11.360	91	146270	19.183	ug/l	99
76) 1,3,5-Trimethylbenzene	11.451	105	177244	19.395	ug/l	100
77) t-1,4-Dichloro-2-butene	11.012	75	24685	18.591	ug/l	100
78) 4-Chlorotoluene	11.451	91	173591	19.364	ug/l	99
79) tert-butylbenzene	11.713	119	170213	19.588	ug/l	99
80) 1,2,4-Trimethylbenzene	11.750	105	177221	19.377	ug/l	100
81) sec-Butylbenzene	11.890	105	213090	19.398	ug/l	99
82) p-Isopropyltoluene	12.006	119	180719	19.411	ug/l	98
83) 1,3-Dichlorobenzene	11.969	146	88635	19.177	ug/l	99
84) 1,4-Dichlorobenzene	12.037	146	90027	18.983	ug/l	99
85) n-Butylbenzene	12.329	91	177063	19.258	ug/l	99
86) Hexachloroethane	12.536	117	32935	18.670	ug/l	100
87) 1,2-Dichlorobenzene	12.335	146	85421	19.220	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	12.939	75	18796	18.559	ug/l	97
89) 1,2,4-Trichlorobenzene	13.585	180	56454	19.158	ug/l	99
90) Hexachlorobutadiene	13.725	225	20602	19.581	ug/l	96
91) Naphthalene	13.774	128	199883	18.393	ug/l	99
92) 1,2,3-Trichlorobenzene	13.957	180	55625	19.489	ug/l	97

(#) = 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: VX039051.D
Acq: 29 Nov 2023 10:23

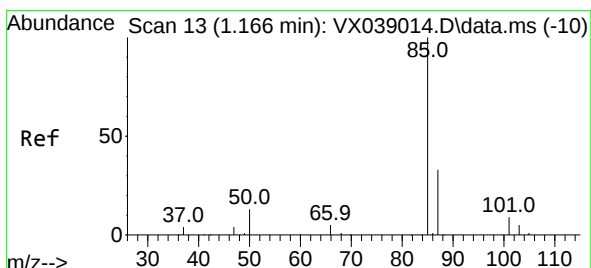
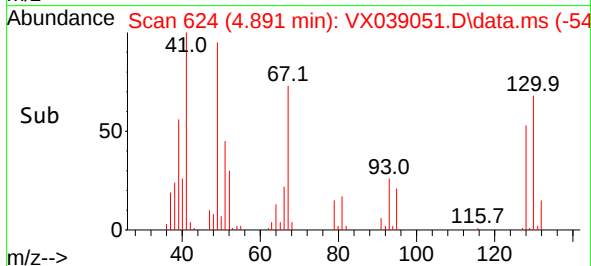
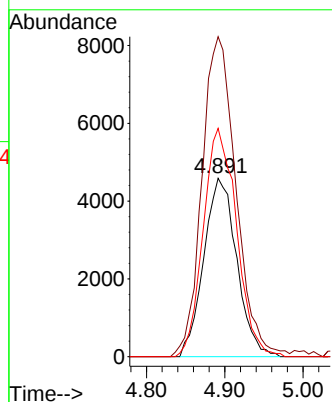
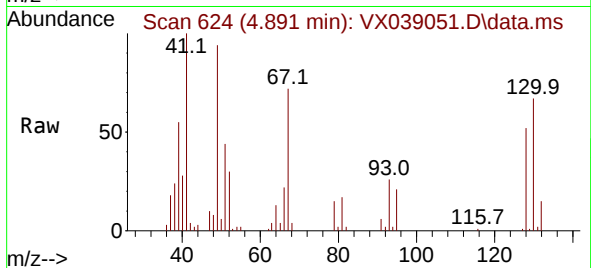
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion:128 Resp: 1342
Ion Ratio Lower Upper
128 100
49 184.9 0.0 444.0
130 129.3 0.0 297.8

Manual Integrations
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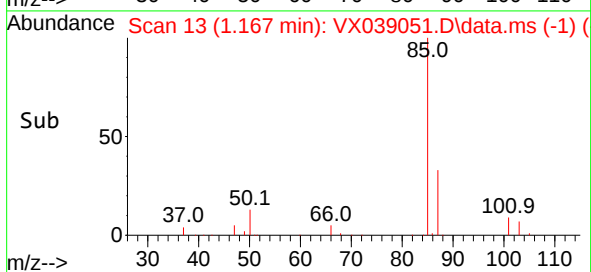
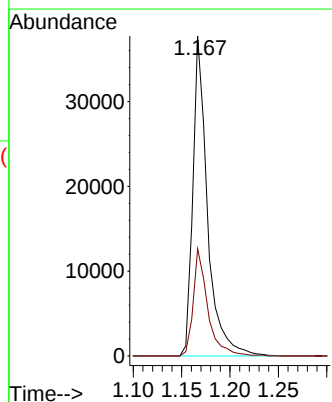
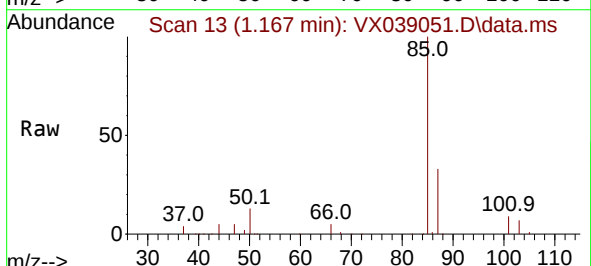
Reviewed By :John
Carlone
11/30/2023

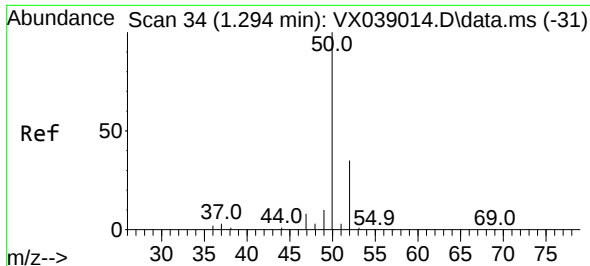
Supervised By :Mahesh
Dadoda
11/30/2023



#2
Dichlorodifluoromethane
Concen: 19.701 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX039051.D
Acq: 29 Nov 2023 10:23

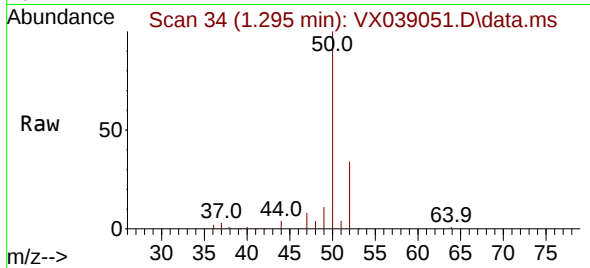
Tgt Ion: 85 Resp: 39579
Ion Ratio Lower Upper
85 100
87 33.5 16.7 50.1





#3
Chloromethane
Concen: 19.646 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX039051.D
Acq: 29 Nov 2023 10:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

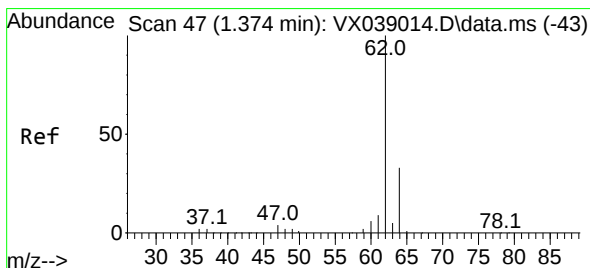
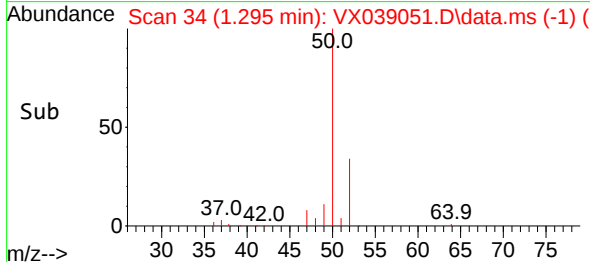
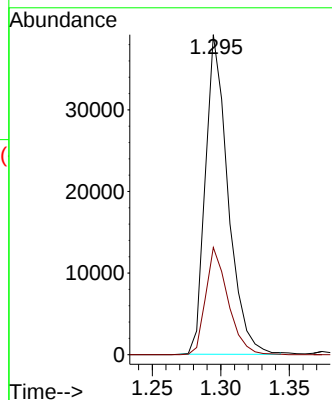


Tgt Ion: 50 Resp: 45192
Ion Ratio Lower Upper
50 100
52 33.6 27.8 41.8

Manual Integrations
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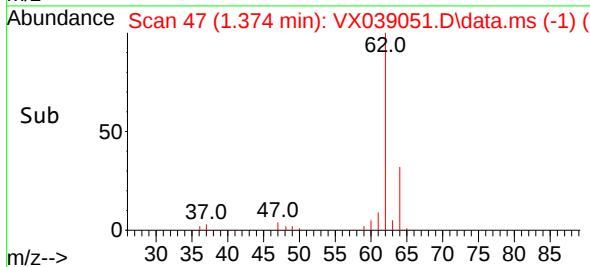
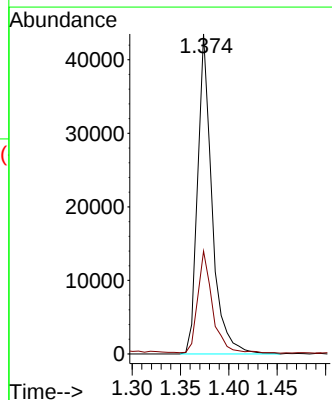
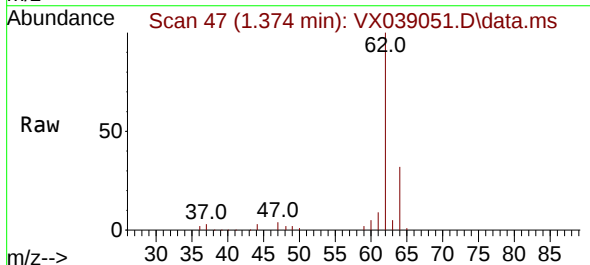
Reviewed By :John
Carlone
11/30/2023

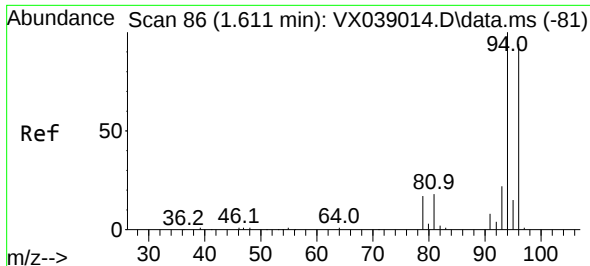
Supervised By :Mahesh
Dadoda
11/30/2023



#4
Vinyl Chloride
Concen: 19.357 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX039051.D
Acq: 29 Nov 2023 10:23

Tgt Ion: 62 Resp: 44952
Ion Ratio Lower Upper
62 100
64 31.9 26.3 39.5





#5
Bromomethane
Concen: 21.851 ug/l
RT: 1.605 min Scan# 86
Delta R.T. -0.006 min
Lab File: VX039051.D
Acq: 29 Nov 2023 10:23

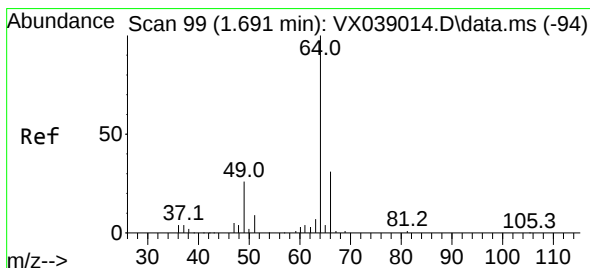
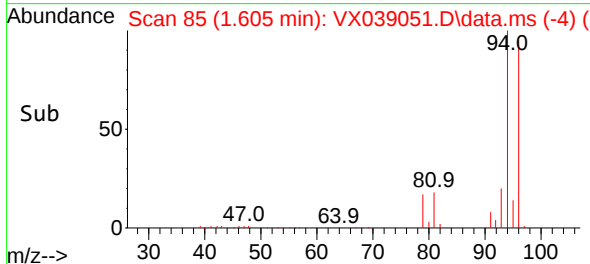
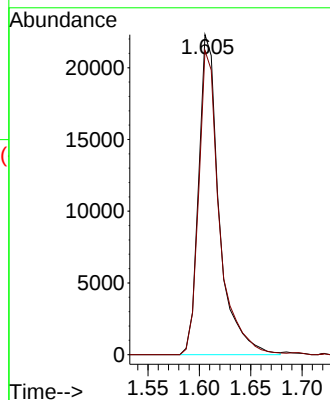
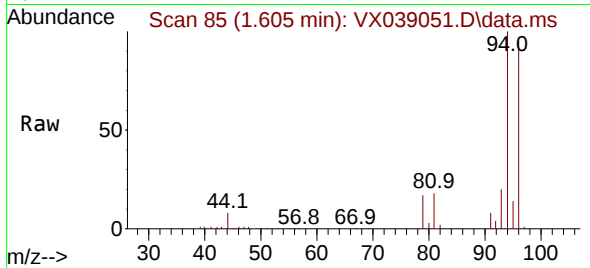
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 94 Resp: 31036
Ion Ratio Lower Upper
94 100
96 95.1 74.9 112.3

Manual Integrations
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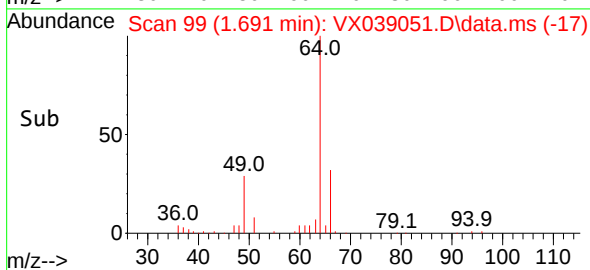
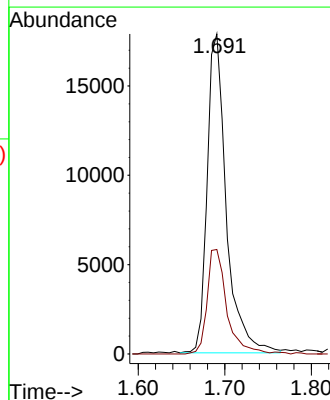
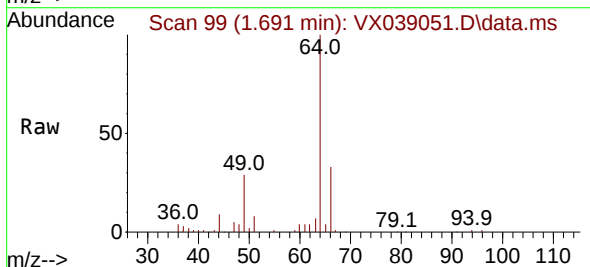
Reviewed By :John
Carlone
11/30/2023

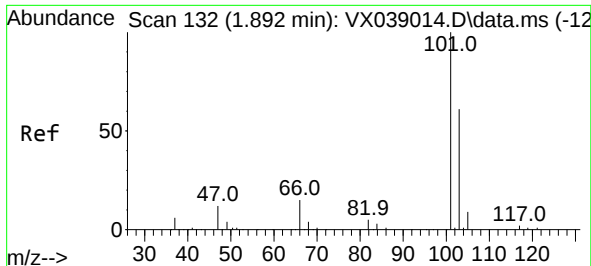
Supervised By :Mahesh
Dadoda
11/30/2023



#6
Chloroethane
Concen: 20.229 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.000 min
Lab File: VX039051.D
Acq: 29 Nov 2023 10:23

Tgt Ion: 64 Resp: 27356
Ion Ratio Lower Upper
64 100
66 32.8 25.0 37.6





#7
Trichlorofluoromethane
Concen: 20.294 ug/l
RT: 1.892 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039051.D
Acq: 29 Nov 2023 10:23

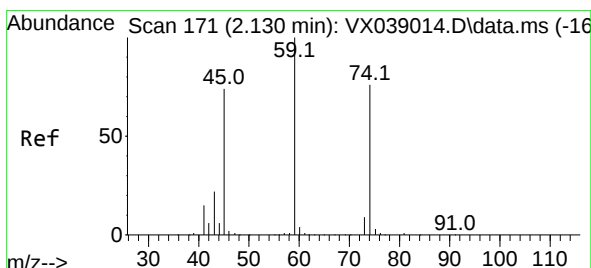
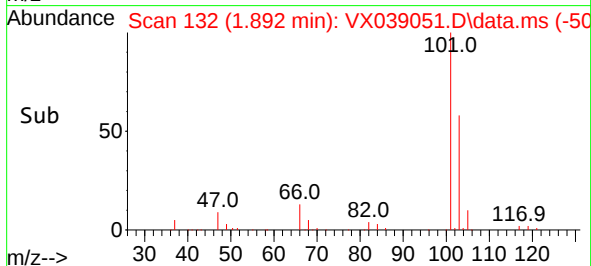
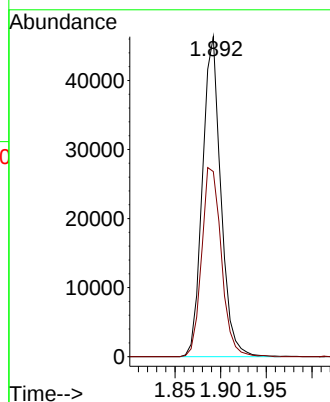
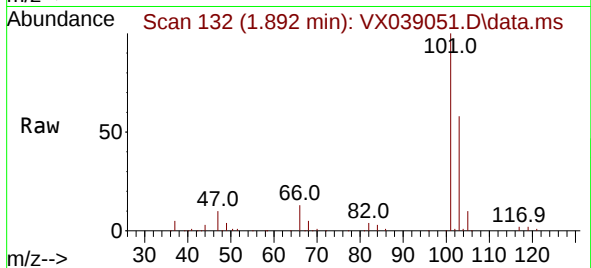
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion:101 Resp: 6504
Ion Ratio Lower Upper
101 100
103 57.9 49.1 73.7

Manual Integrations
APPROVED

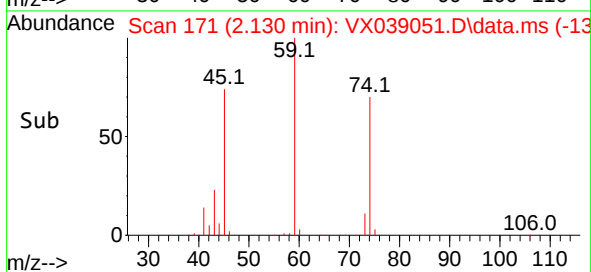
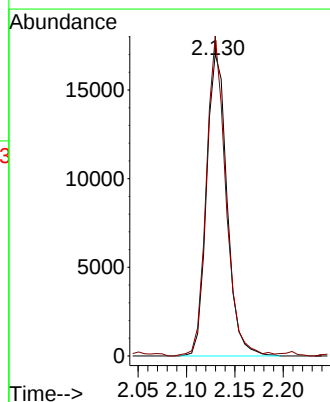
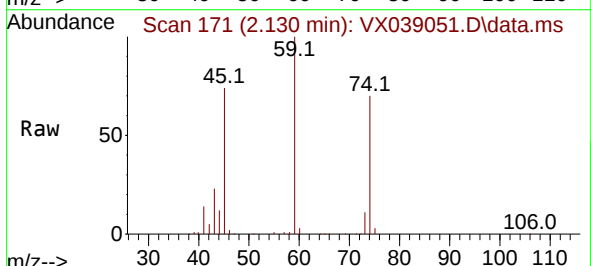
Reviewed By :John
Carlone
11/30/2023

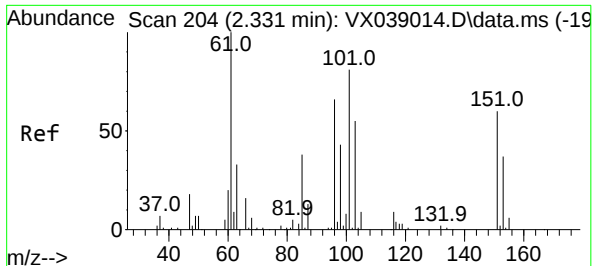
Supervised By :Mahesh
Dadoda
11/30/2023



#8
Diethyl Ether
Concen: 20.405 ug/l
RT: 2.130 min Scan# 171
Delta R.T. 0.000 min
Lab File: VX039051.D
Acq: 29 Nov 2023 10:23

Tgt Ion: 74 Resp: 25104
Ion Ratio Lower Upper
74 100
45 100.8 20.5 184.5





#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.385 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX039051.D
Acq: 29 Nov 2023 10:23

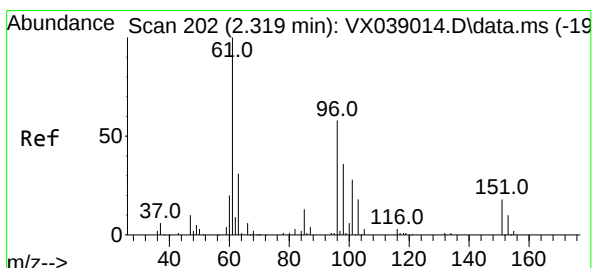
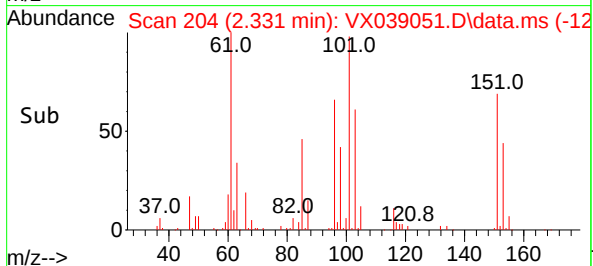
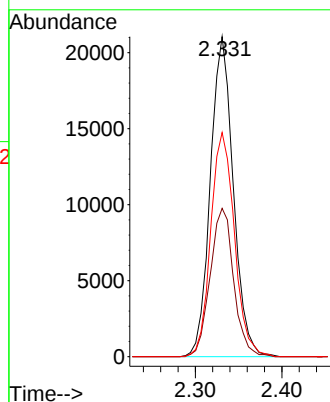
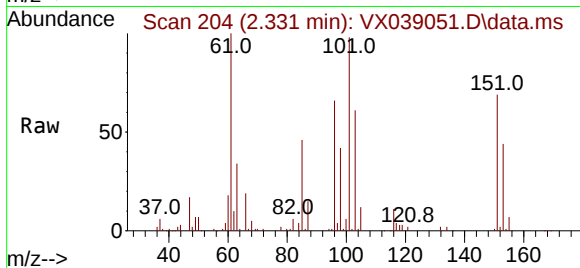
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion:101 Resp: 3873
Ion Ratio Lower Upper
101 100
85 47.5 0.0 95.2
151 72.4 0.0 136.8

Manual Integrations
APPROVED

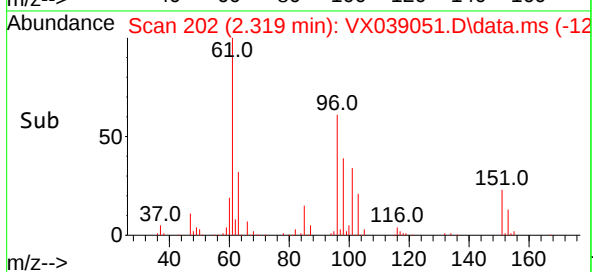
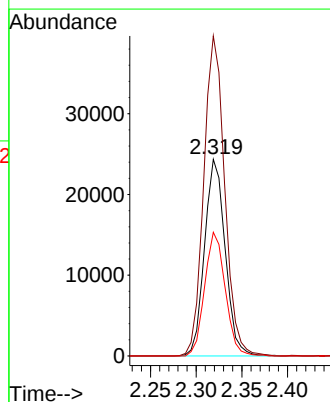
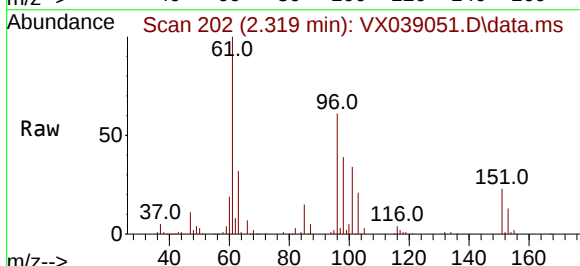
Reviewed By :John
Carlone
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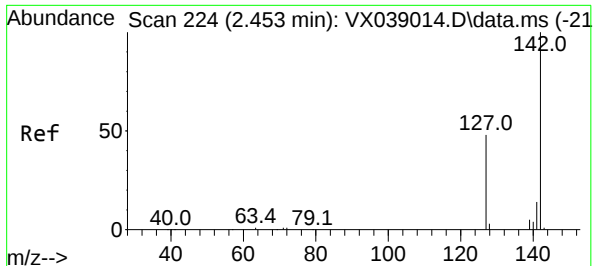
Supervised By :Mahesh
Dadoda
11/30/2023



#10
1,1-Dichloroethene
Concen: 20.936 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX039051.D
Acq: 29 Nov 2023 10:23

Tgt Ion: 96 Resp: 38223
Ion Ratio Lower Upper
96 100
61 162.7 138.3 207.5
98 62.9 49.8 74.6





#11

Methyl Iodide

Concen: 20.691 ug/l

RT: 2.453 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX039051.D

Acq: 29 Nov 2023 10:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion:142 Resp: 4139

Ion	Ratio	Lower	Upper
142	100		
127	45.0	23.8	71.4
141	13.3	6.9	20.6

Manual Integrations

APPROVED

Reviewed By :John

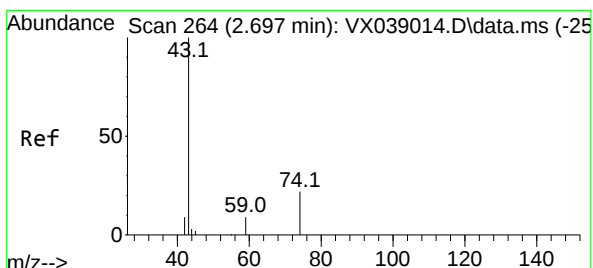
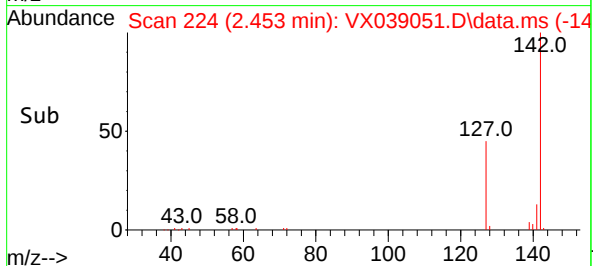
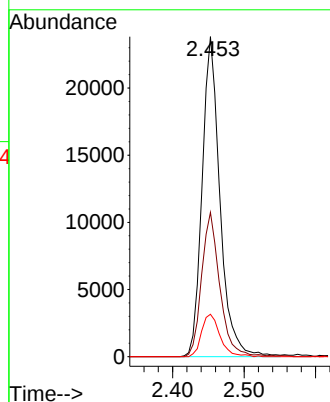
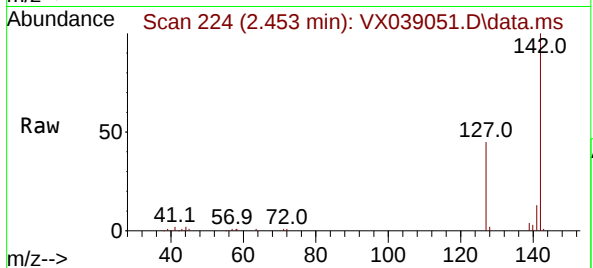
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Supervised By :Mahesh

Dadoda

11/30/2023



#12

Methyl Acetate

Concen: 20.109 ug/l

RT: 2.697 min Scan# 264

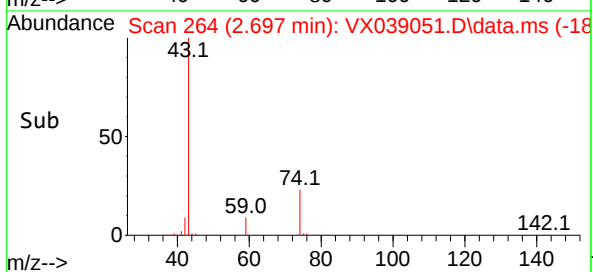
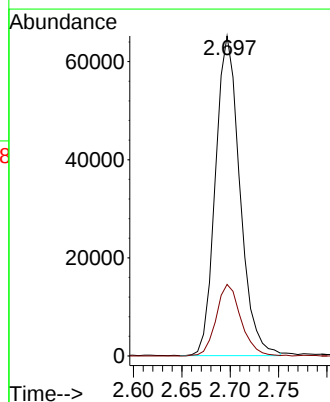
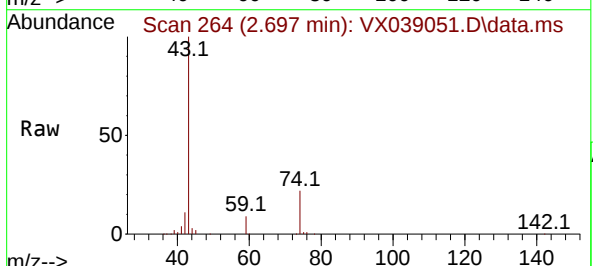
Delta R.T. 0.000 min

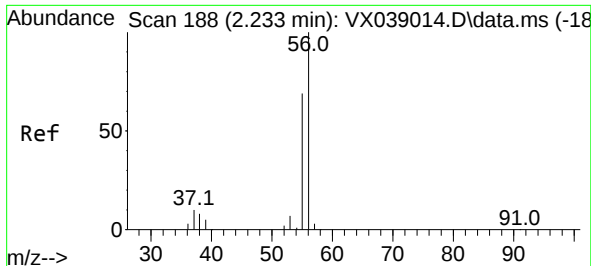
Lab File: VX039051.D

Acq: 29 Nov 2023 10:23

Tgt Ion: 43 Resp: 114501

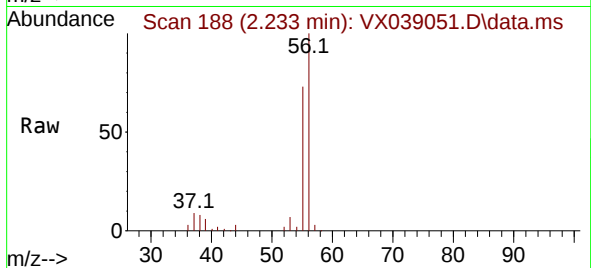
Ion	Ratio	Lower	Upper
43	100		
74	22.4	17.8	26.6





#13
Acrolein
Concen: 99.059 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX039051.D
Acq: 29 Nov 2023 10:23

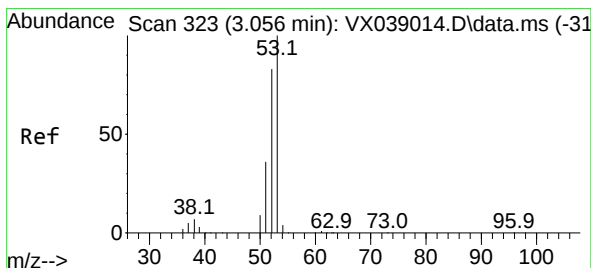
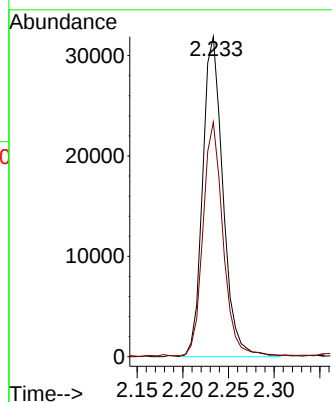
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion: 56 Resp: 4941
Ion Ratio Lower Upper
56 100
55 72.3 57.2 85.8

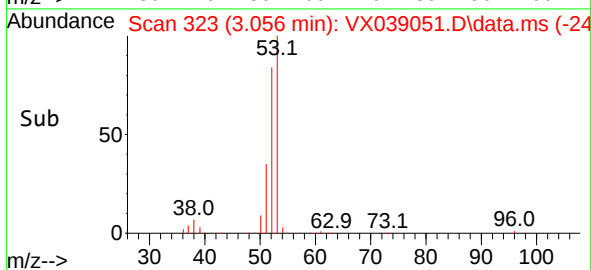
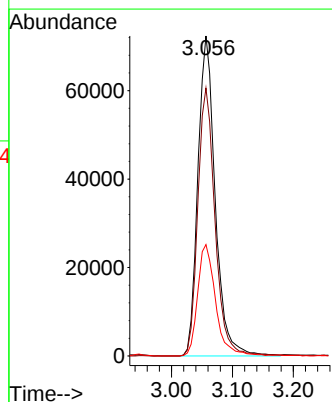
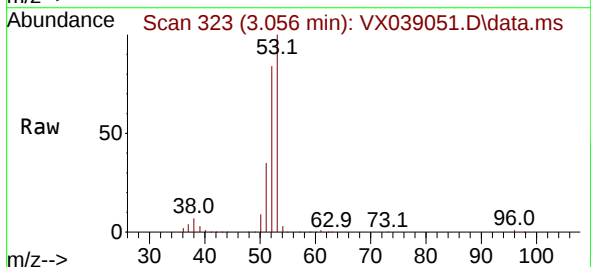
Manual Integrations
APPROVED

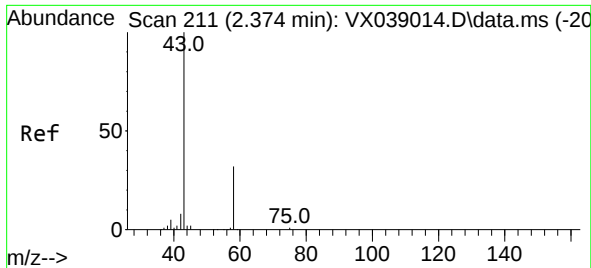
Reviewed By :John
Carlone
11/30/2023
Supervised By :Mahesh
Dadoda
11/30/2023



#14
Acrylonitrile
Concen: 102.850 ug/l
RT: 3.056 min Scan# 323
Delta R.T. 0.000 min
Lab File: VX039051.D
Acq: 29 Nov 2023 10:23

Tgt Ion: 53 Resp: 143236
Ion Ratio Lower Upper
53 100
52 83.1 41.9 125.6
51 36.1 18.3 54.9





#15
Acetone
Concen: 118.676 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX039051.D
Acq: 29 Nov 2023 10:23

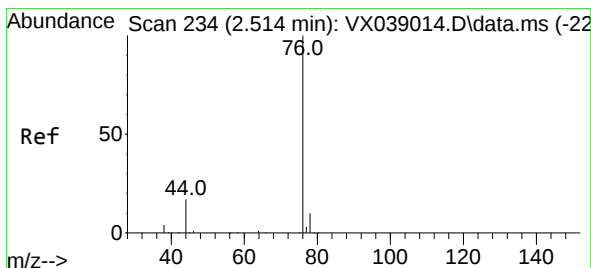
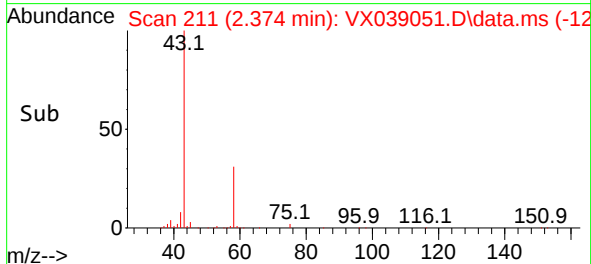
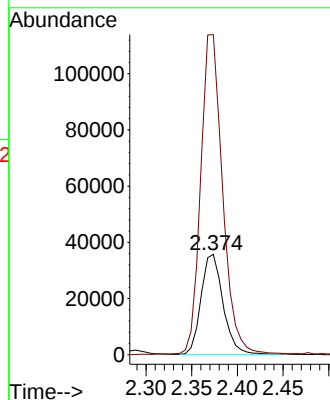
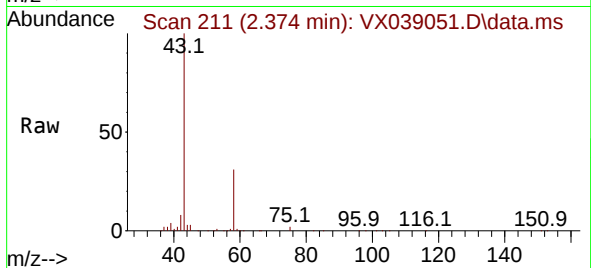
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 58 Resp: 6007
Ion Ratio Lower Upper
58 100
43 318.7 249.9 374.9

Manual Integrations
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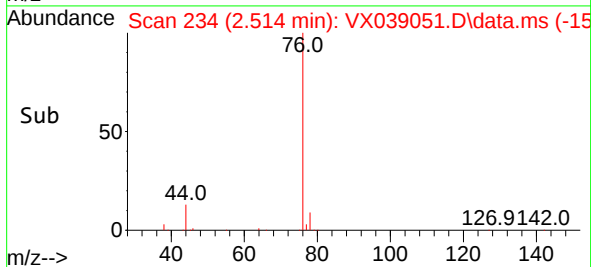
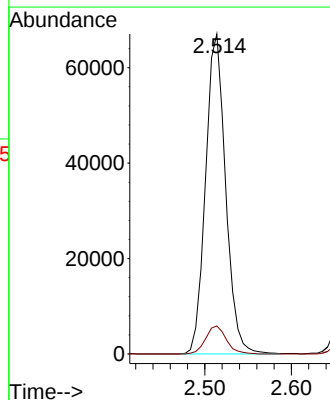
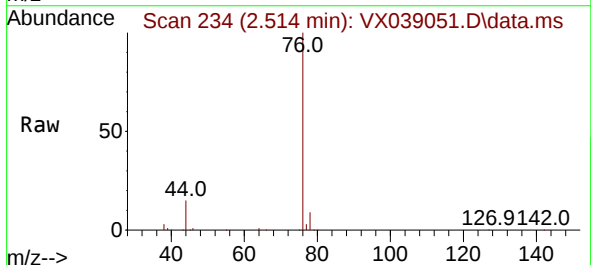
Reviewed By :John
Carlone
11/30/2023

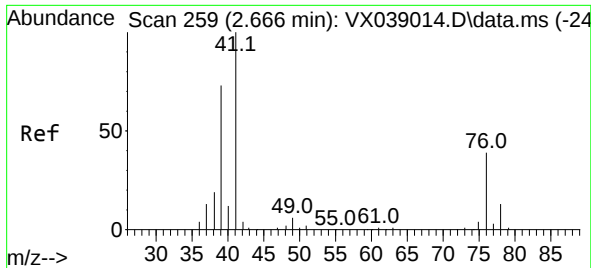
Supervised By :Mahesh
Dadoda
11/30/2023



#16
Carbon Disulfide
Concen: 19.529 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.000 min
Lab File: VX039051.D
Acq: 29 Nov 2023 10:23

Tgt Ion: 76 Resp: 107985
Ion Ratio Lower Upper
76 100
78 8.8 8.0 12.0





#17
 Allyl chloride
 Concen: 20.111 ug/l
 RT: 2.660 min Scan# 259
 Delta R.T. -0.006 min
 Lab File: VX039051.D
 Acq: 29 Nov 2023 10:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion: 41 Resp: 72889
 Ion Ratio Lower Upper
 41 100
 39 69.9 36.5 109.5
 76 33.9 19.7 59.0

Manual Integrations

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Reviewed By :John

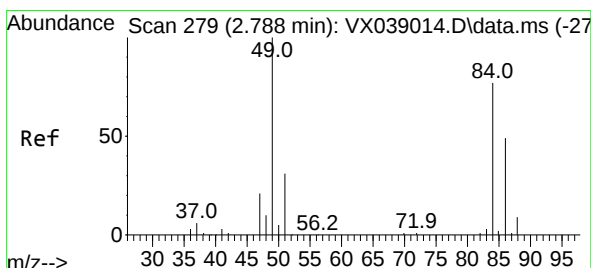
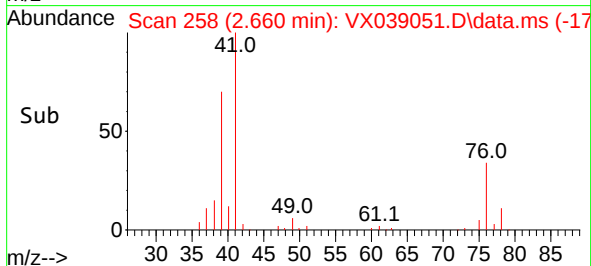
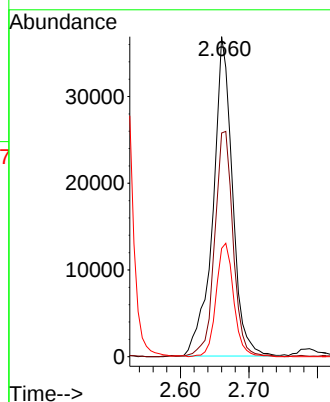
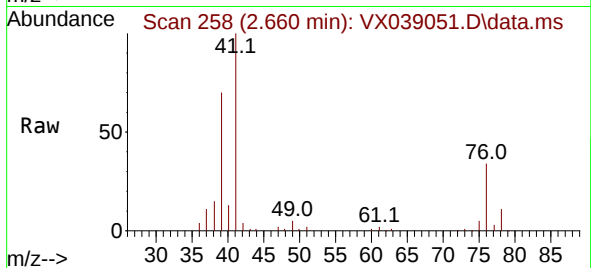
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Supervised By :Mahesh

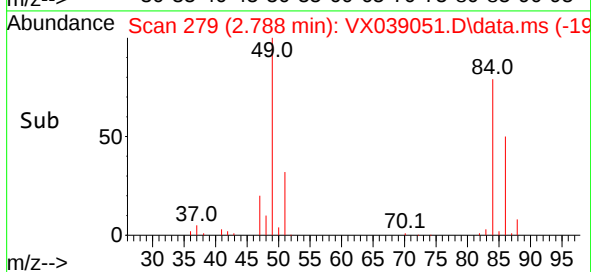
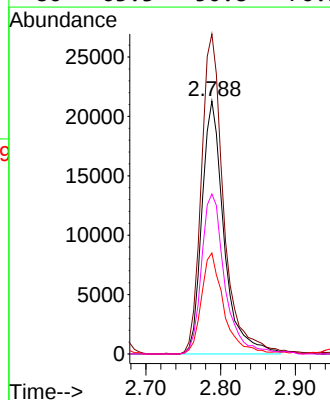
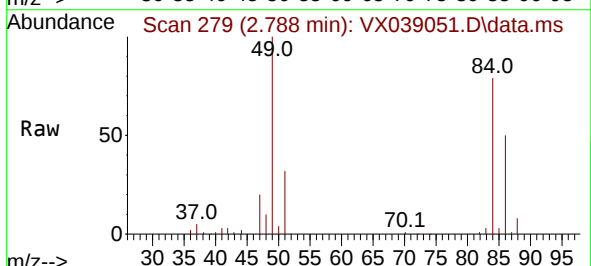
Dadoda

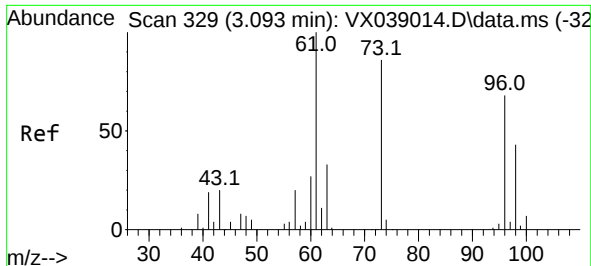
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#18
 Methylene Chloride
 Concen: 20.197 ug/l
 RT: 2.788 min Scan# 279
 Delta R.T. 0.000 min
 Lab File: VX039051.D
 Acq: 29 Nov 2023 10:23

Tgt Ion: 84 Resp: 43709
 Ion Ratio Lower Upper
 84 100
 49 126.5 103.8 155.8
 51 40.0 31.8 47.6
 86 63.3 50.8 76.2





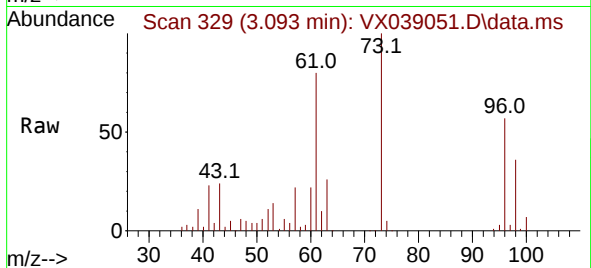
#19
trans-1,2-Dichloroethene
Concen: 20.258 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX039051.D
Acq: 29 Nov 2023 10:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020



Tgt Ion: 96 Resp: 41830
Ion Ratio Lower Upper
96 100
61 140.2 117.9 176.9
98 62.8 51.0 76.6

Manual Integrations
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Reviewed By :John

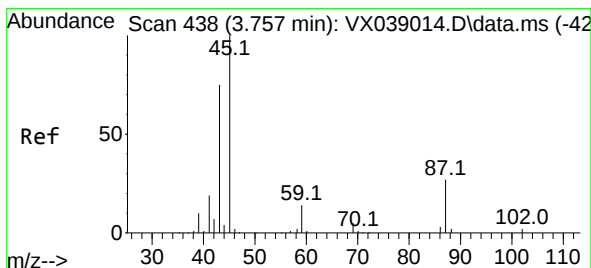
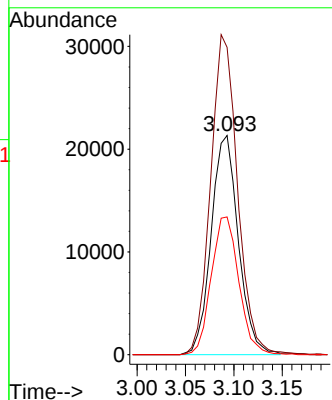
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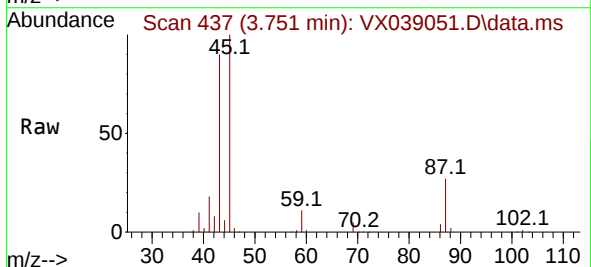
Supervised By :Mahesh

Dadoda

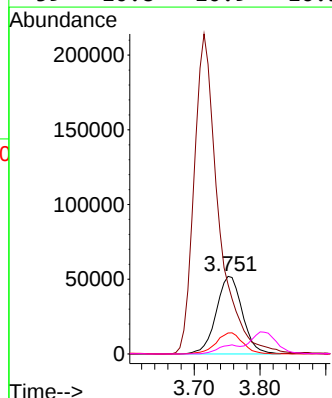
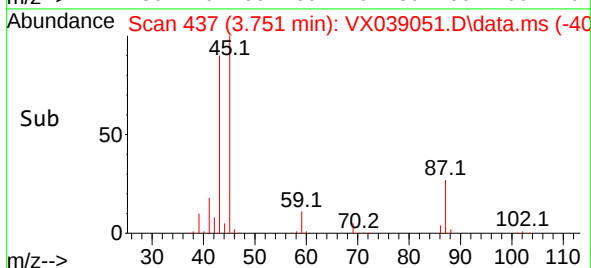
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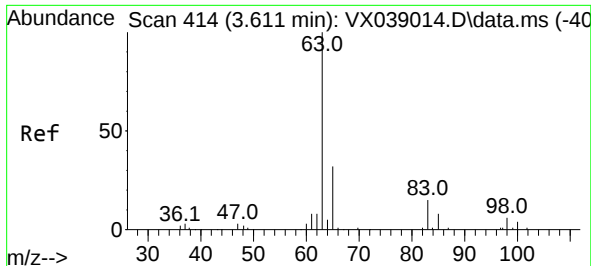


#20
Diisopropyl ether
Concen: 20.831 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.006 min
Lab File: VX039051.D
Acq: 29 Nov 2023 10:23



Tgt Ion: 45 Resp: 143676
Ion Ratio Lower Upper
45 100
43 85.9 67.7 101.5
87 27.0 21.5 32.3
59 10.8 10.9 16.3





#21
1,1-Dichloroethane
Concen: 20.477 ug/l
RT: 3.605 min Scan# 414
Delta R.T. -0.006 min
Lab File: VX039051.D
Acq: 29 Nov 2023 10:23

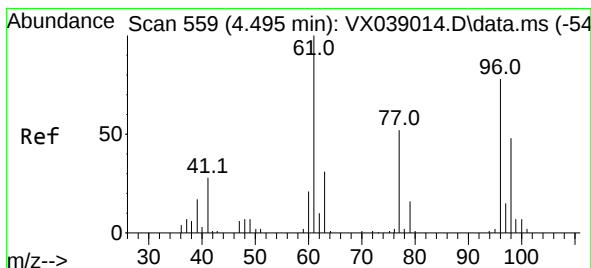
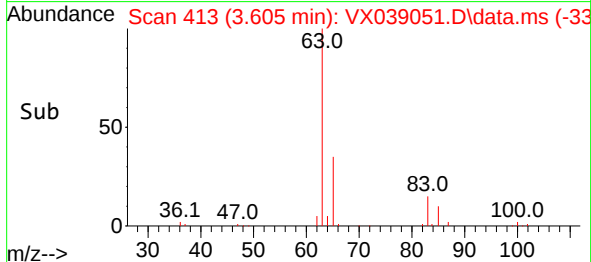
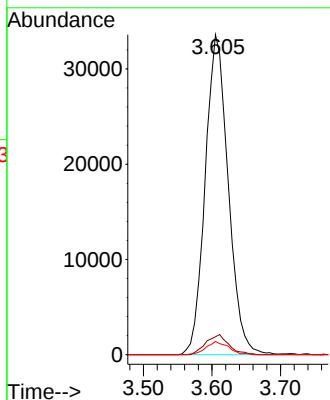
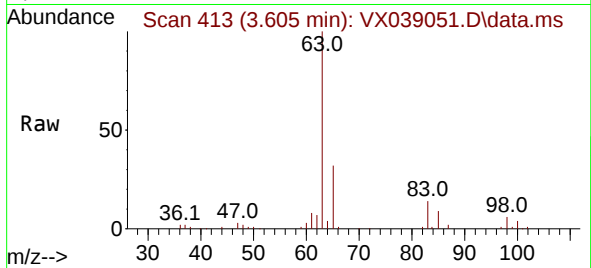
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 63 Resp: 78520
Ion Ratio Lower Upper
63 100
98 5.6 2.9 8.8
100 4.2 2.0 5.8

Manual Integrations
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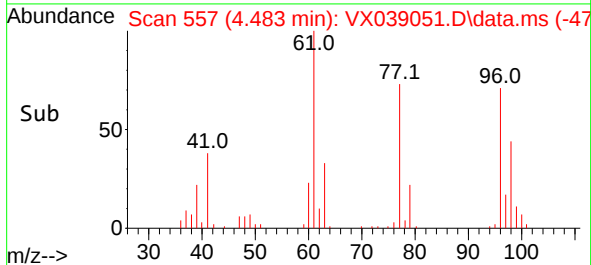
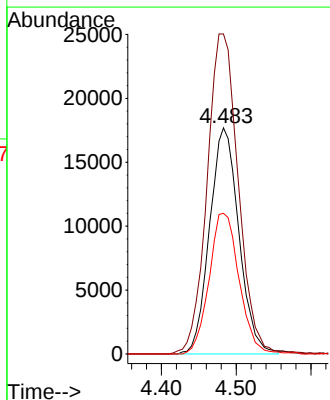
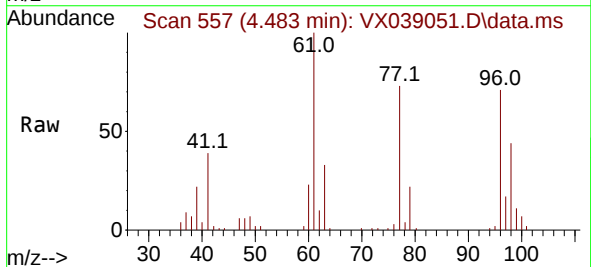
Reviewed By :John
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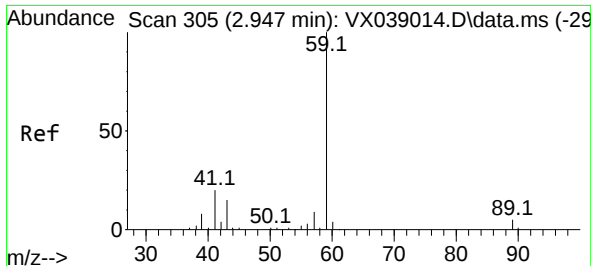
Supervised By :Mahesh
Dadoda
11/30/2023



#22
cis-1,2-Dichloroethene
Concen: 20.131 ug/l
RT: 4.483 min Scan# 557
Delta R.T. -0.012 min
Lab File: VX039051.D
Acq: 29 Nov 2023 10:23

Tgt Ion: 96 Resp: 48173
Ion Ratio Lower Upper
96 100
61 150.2 119.8 179.6
98 63.6 50.9 76.3





#23
tert-Butyl Alcohol
Concen: 90.311 ug/l
RT: 2.941 min Scan# 305
Delta R.T. -0.006 min
Lab File: VX039051.D
Acq: 29 Nov 2023 10:23

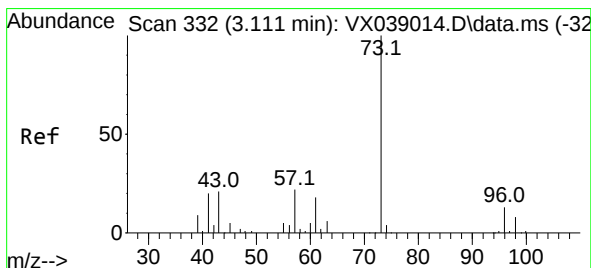
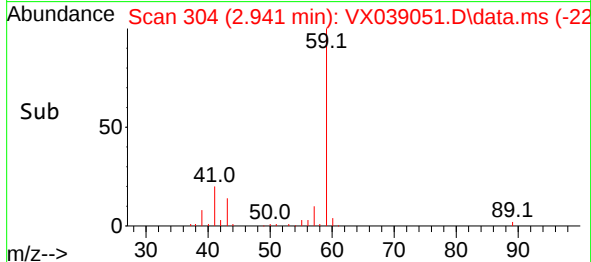
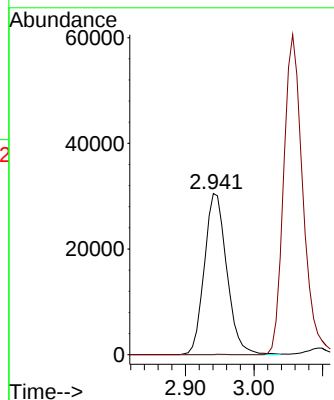
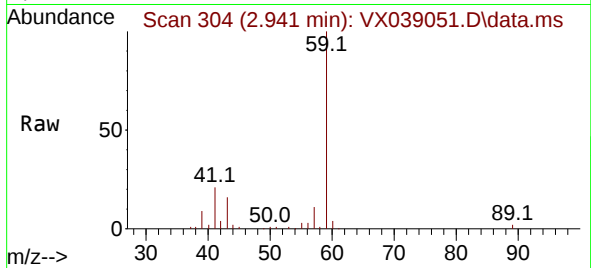
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 59 Resp: 69628
Ion Ratio Lower Upper
59 100
52 0.1 0.0 0.0

Manual Integrations
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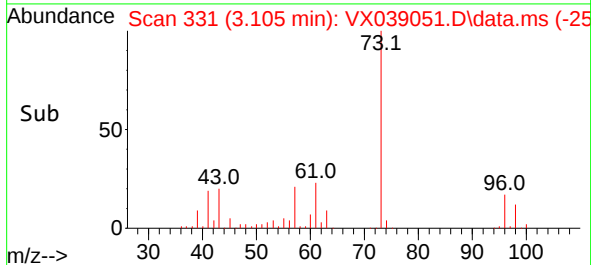
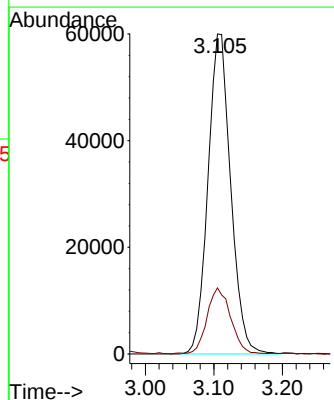
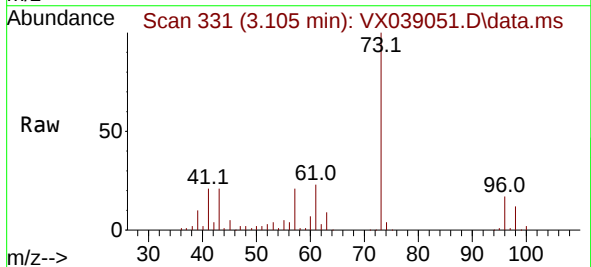
Reviewed By :John
Carlone
11/30/2023

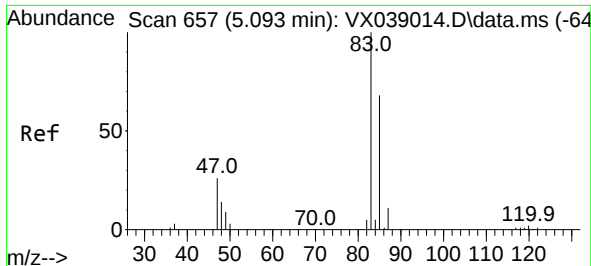
Supervised By :Mahesh
Dadoda
11/30/2023



#24
Methyl tert-Butyl Ether
Concen: 20.578 ug/l
RT: 3.105 min Scan# 331
Delta R.T. -0.006 min
Lab File: VX039051.D
Acq: 29 Nov 2023 10:23

Tgt Ion: 73 Resp: 138398
Ion Ratio Lower Upper
73 100
43 21.4 17.0 25.6





#25

Chloroform

Concen: 20.710 ug/l

RT: 5.087 min Scan# 61

Delta R.T. -0.006 min

Lab File: VX039051.D

Acq: 29 Nov 2023 10:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion: 83 Resp: 7970

Ion Ratio Lower Upper

83 100

85 62.4 54.6 81.8

Manual Integrations

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Reviewed By :John

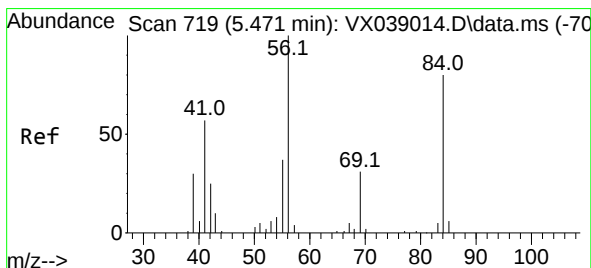
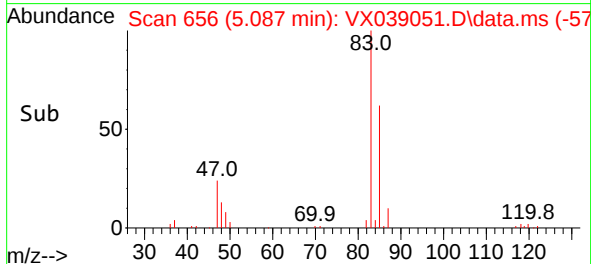
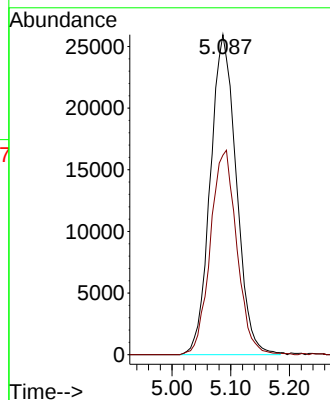
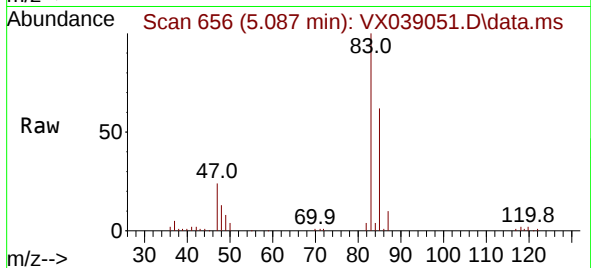
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Supervised By :Mahesh

Dadoda

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#26

Cyclohexane

Concen: 20.269 ug/l

RT: 5.465 min Scan# 718

Delta R.T. -0.006 min

Lab File: VX039051.D

Acq: 29 Nov 2023 10:23

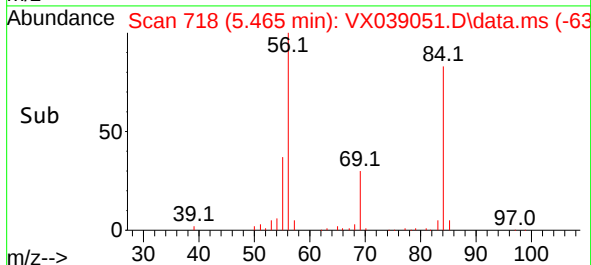
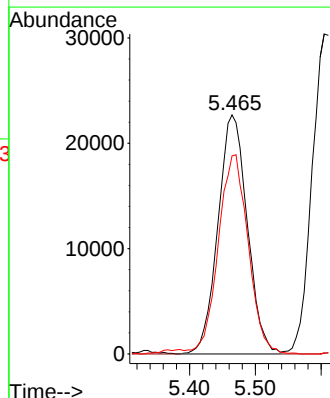
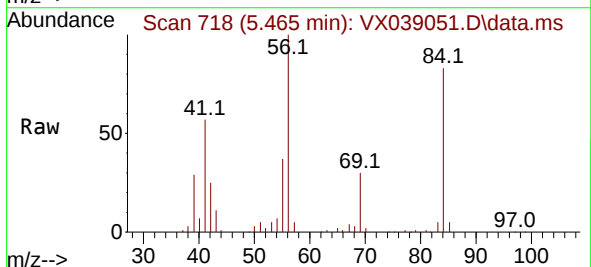
Tgt Ion: 56 Resp: 70351

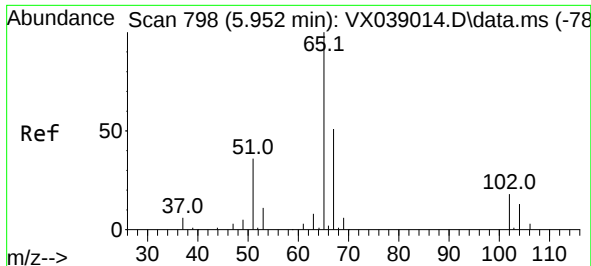
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 84.8 67.2 100.8





#27
1,2-Dichloroethane-d4
Concen: 30.499 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX039051.D
Acq: 29 Nov 2023 10:23

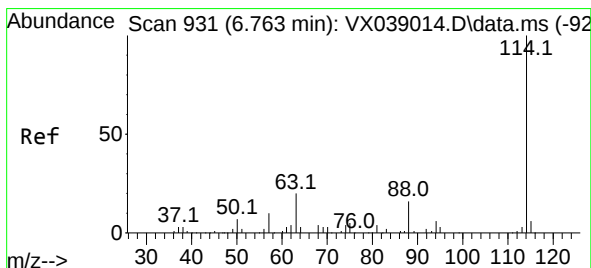
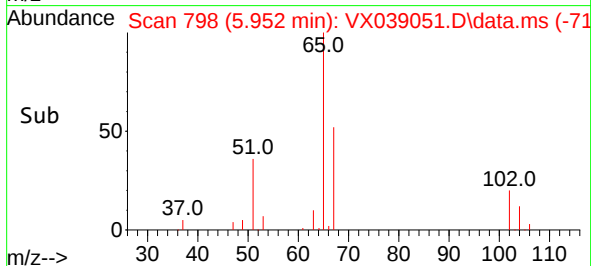
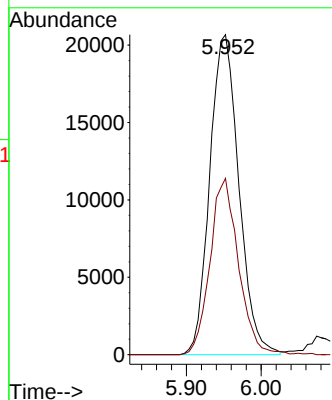
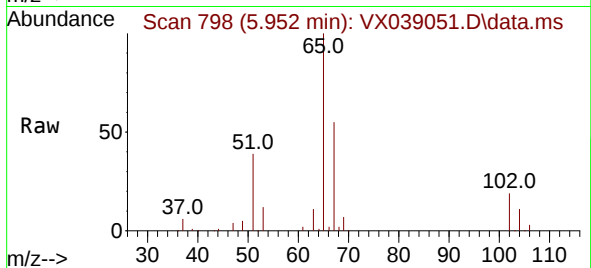
Instrument :
MSVOA_X
Client Sample Id :
VSTDCCC020

Tgt Ion: 65 Resp: 5600
Ion Ratio Lower Upper
65 100
67 53.7 42.5 63.7

Manual Integrations
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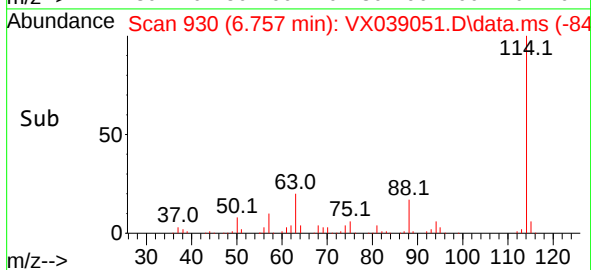
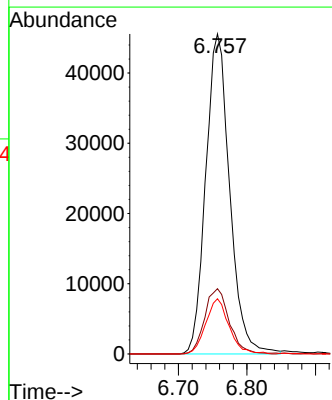
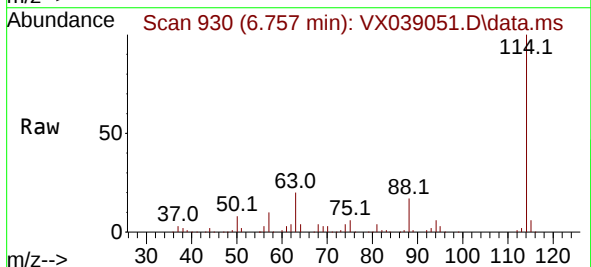
Reviewed By :John
Carlone
11/30/2023

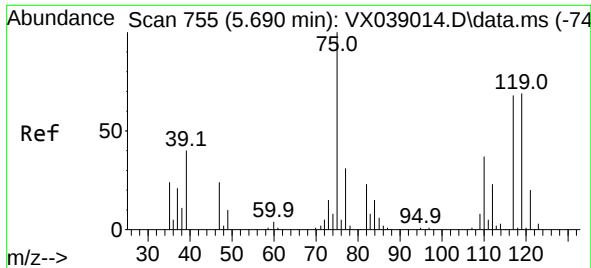
Supervised By :Mahesh
Dadoda
11/30/2023



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.006 min
Lab File: VX039051.D
Acq: 29 Nov 2023 10:23

Tgt Ion:114 Resp: 110716
Ion Ratio Lower Upper
114 100
63 20.9 17.0 25.4
88 16.6 12.7 19.1





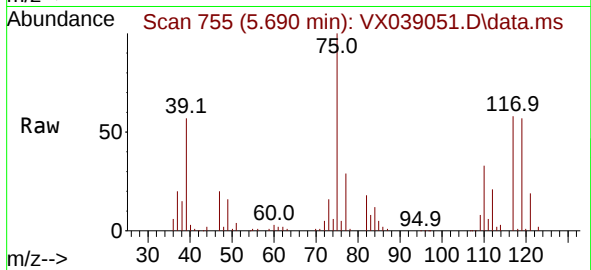
#29
1,1-Dichloropropene
Concen: 19.161 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.000 min
Lab File: VX039051.D
Acq: 29 Nov 2023 10:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020



Tgt Ion: 75 Resp: 5947
Ion Ratio Lower Upper
75 100
110 35.4 0.0 71.2
77 29.9 0.0 62.6

Manual Integrations
APPROVED

Reviewed By :John

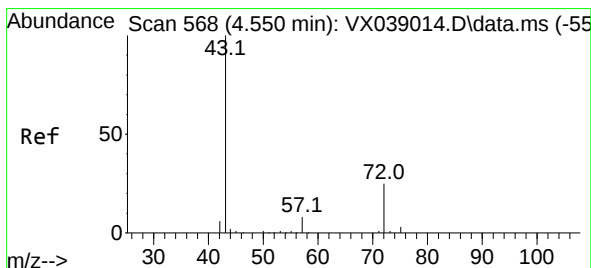
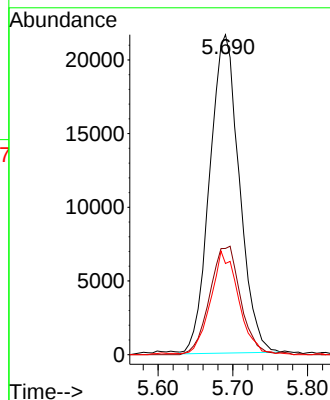
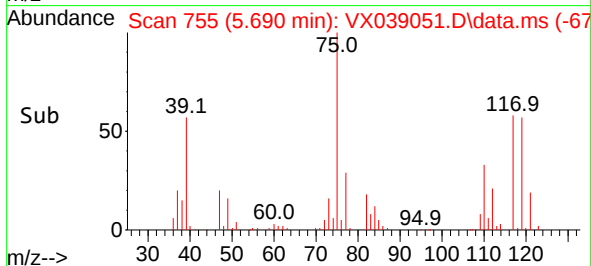
Carlone

11/30/2023

Supervised By :Mahesh

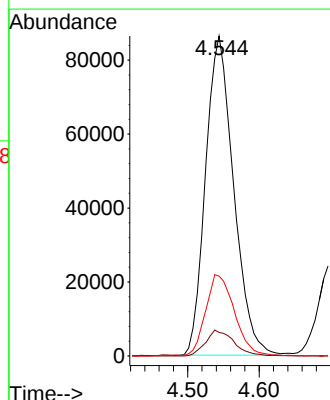
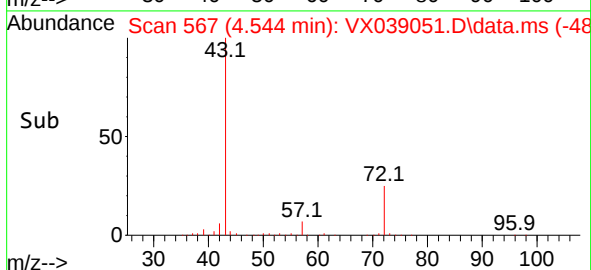
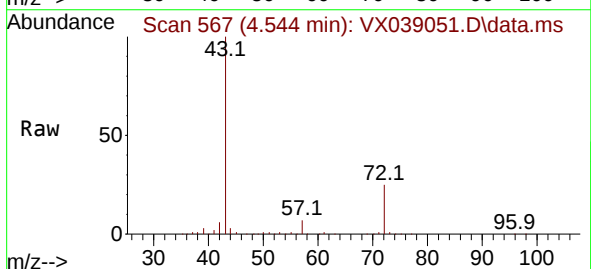
Dadoda

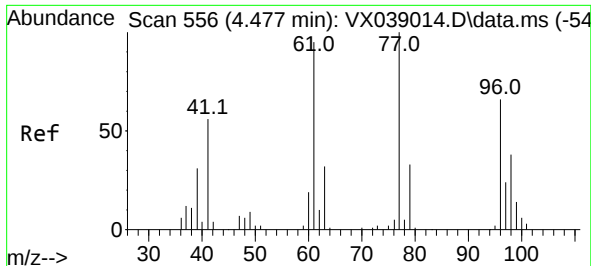
11/30/2023



#30
2-Butanone
Concen: 100.796 ug/l
RT: 4.544 min Scan# 567
Delta R.T. -0.006 min
Lab File: VX039051.D
Acq: 29 Nov 2023 10:23

Tgt Ion: 43 Resp: 235535
Ion Ratio Lower Upper
43 100
57 8.1 6.6 10.0
72 25.8 20.6 31.0





#31
2,2-Dichloropropane
Concen: 19.574 ug/l
RT: 4.471 min Scan# 511
Delta R.T. -0.006 min
Lab File: VX039051.D
Acq: 29 Nov 2023 10:23

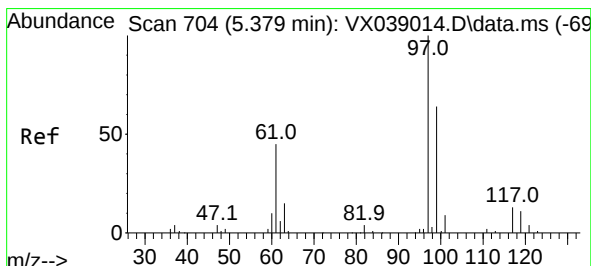
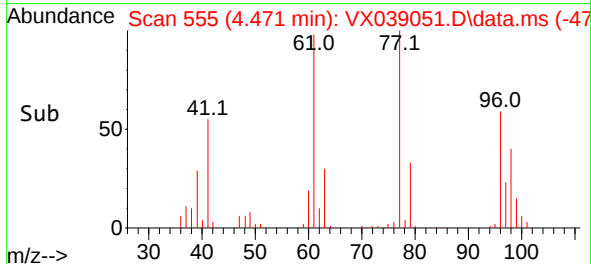
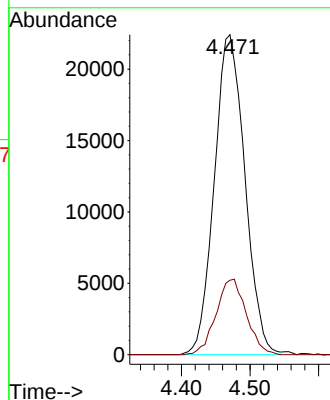
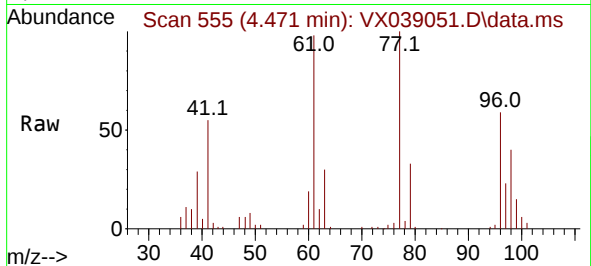
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 77 Resp: 69462
Ion Ratio Lower Upper
77 100
97 23.4 18.2 27.4

Manual Integrations
APPROVED

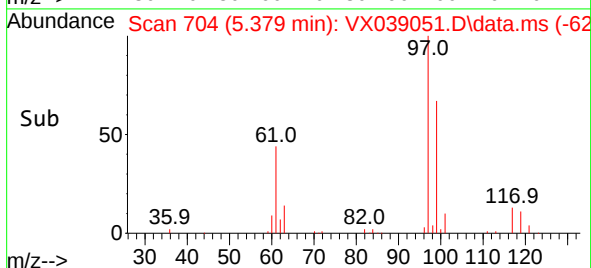
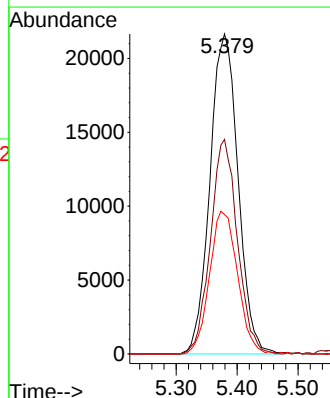
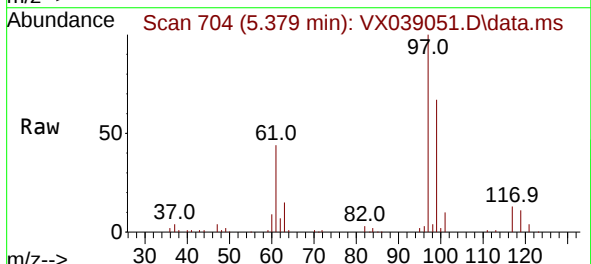
Reviewed By :John
Carlone
11/30/2023

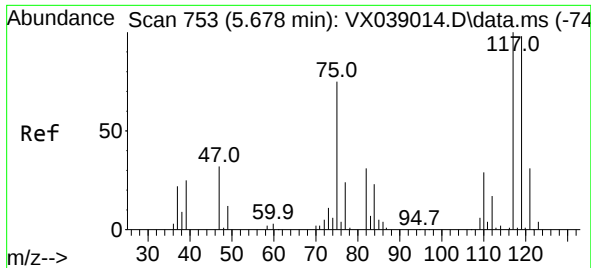
Supervised By :Mahesh
Dadoda
11/30/2023



#32
1,1,1-Trichloroethane
Concen: 19.383 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX039051.D
Acq: 29 Nov 2023 10:23

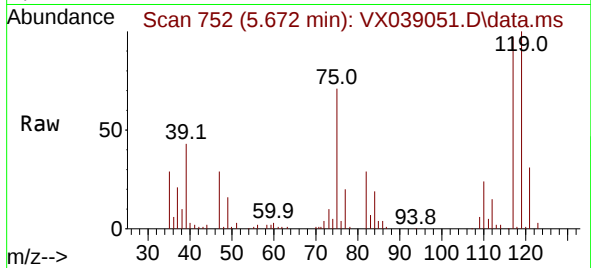
Tgt Ion: 97 Resp: 69533
Ion Ratio Lower Upper
97 100
99 64.2 52.6 79.0
61 44.3 36.9 55.3





#33
Carbon Tetrachloride
Concen: 19.127 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.006 min
Lab File: VX039051.D
Acq: 29 Nov 2023 10:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

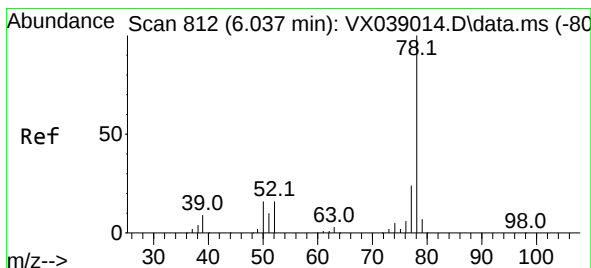
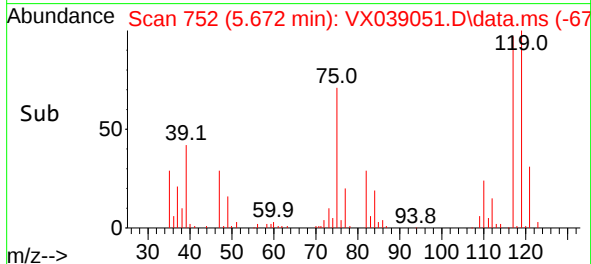
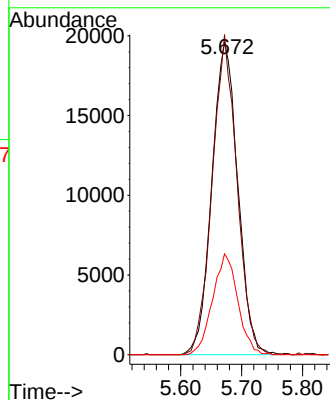


Tgt Ion: 117 Resp: 5779
Ion Ratio Lower Upper
117 100
119 102.6 78.2 117.4
121 32.3 24.7 37.1

Manual Integrations
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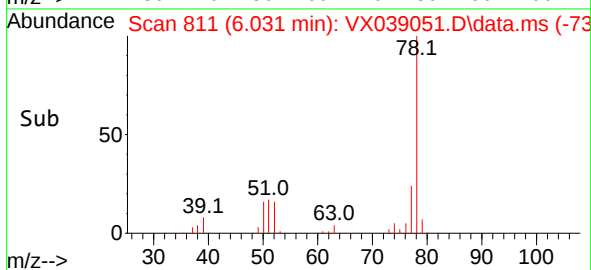
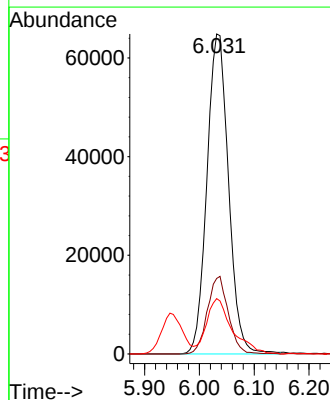
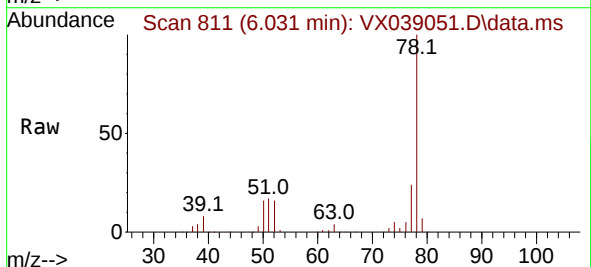
Reviewed By :John
Carlone
11/30/2023

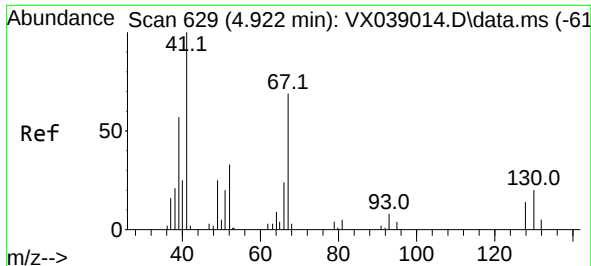
Supervised By :Mahesh
Dadoda
11/30/2023



#34
Benzene
Concen: 19.615 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.006 min
Lab File: VX039051.D
Acq: 29 Nov 2023 10:23

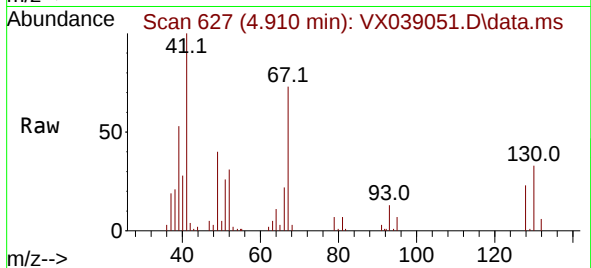
Tgt Ion: 78 Resp: 177339
Ion Ratio Lower Upper
78 100
77 23.6 19.3 28.9
51 17.3 14.4 21.6





#35
Methacrylonitrile
Concen: 19.778 ug/l
RT: 4.910 min Scan# 61
Delta R.T. -0.012 min
Lab File: VX039051.D
Acq: 29 Nov 2023 10:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

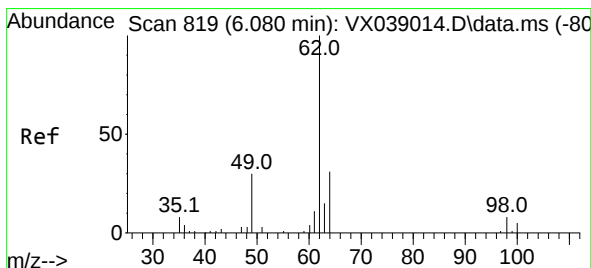
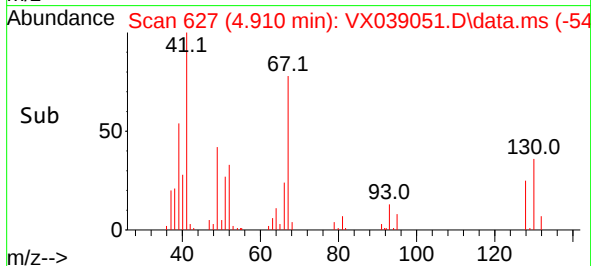
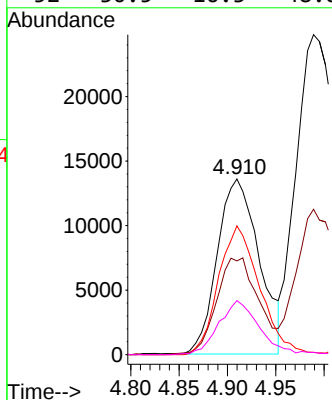


Tgt Ion: 41 Resp: 40939
Ion Ratio Lower Upper
41 100
39 52.9 28.2 84.7
67 73.6 34.5 103.5
52 30.5 16.3 48.8

Manual Integrations
APPROVED

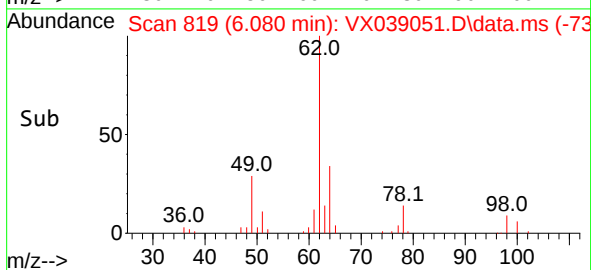
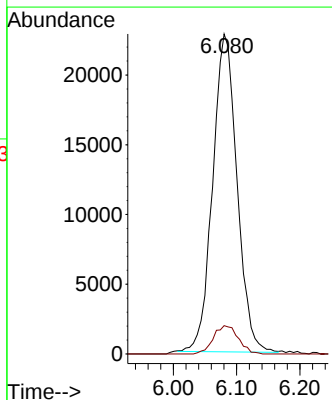
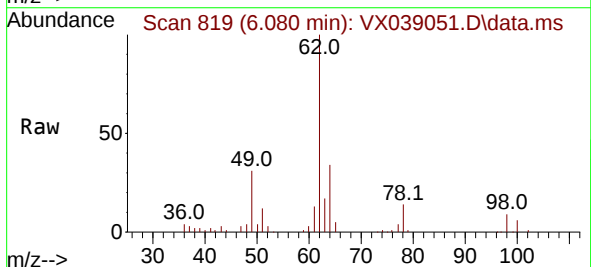
Reviewed By :John
Carlone
11/30/2023

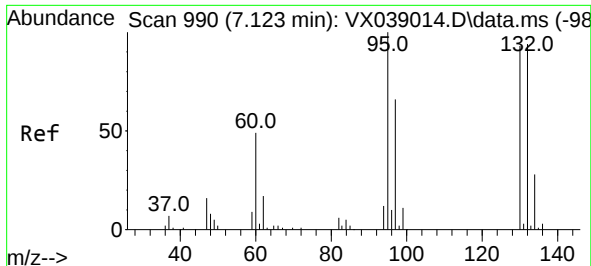
Supervised By :Mahesh
Dadoda
11/30/2023



#36
1,2-Dichloroethane
Concen: 18.358 ug/l
RT: 6.080 min Scan# 819
Delta R.T. 0.000 min
Lab File: VX039051.D
Acq: 29 Nov 2023 10:23

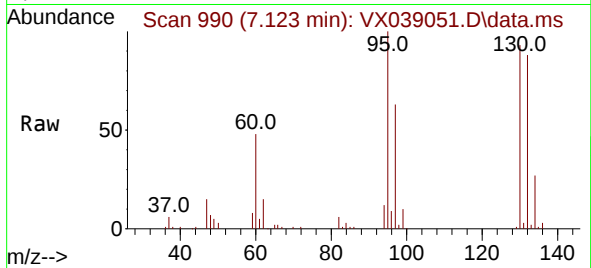
Tgt Ion: 62 Resp: 60902
Ion Ratio Lower Upper
62 100
98 9.1 7.0 10.4





#37
Trichloroethene
Concen: 19.428 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX039051.D
Acq: 29 Nov 2023 10:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

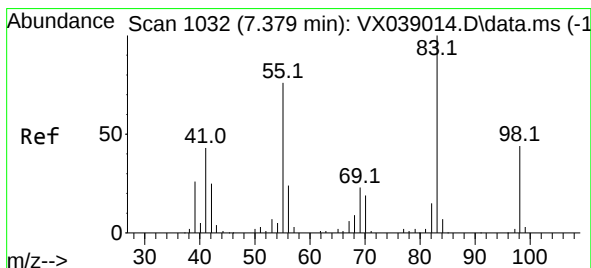
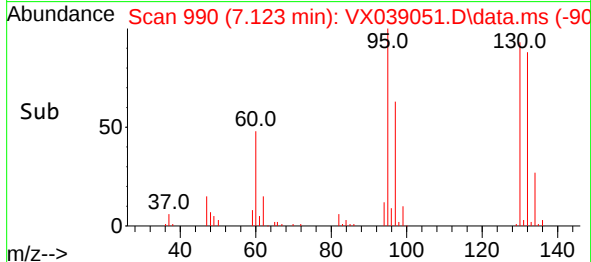
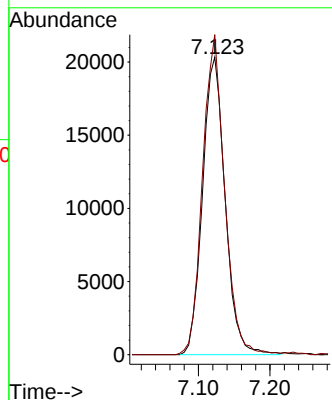


Tgt Ion:130 Resp: 4458
Ion Ratio Lower Upper
130 100
95 107.1 85.8 128.8

Manual Integrations
APPROVED

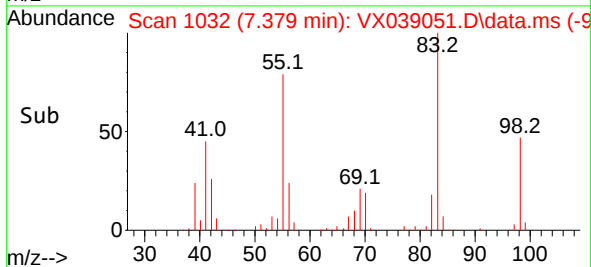
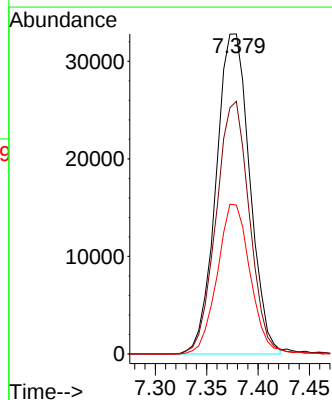
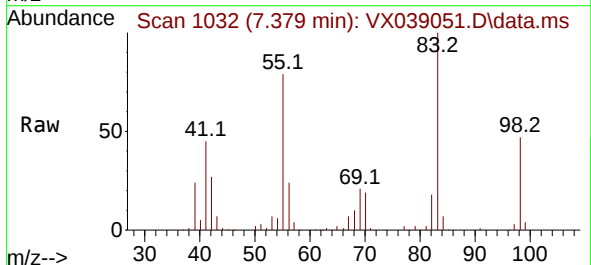
Reviewed By :John
Carlone
11/30/2023

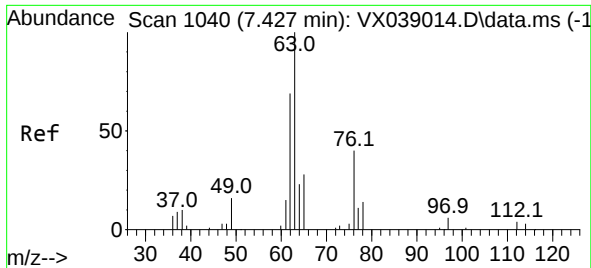
Supervised By :Mahesh
Dadoda
11/30/2023



#38
Methylcyclohexane
Concen: 19.312 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX039051.D
Acq: 29 Nov 2023 10:23

Tgt Ion: 83 Resp: 74682
Ion Ratio Lower Upper
83 100
55 78.1 38.6 116.0
98 45.9 22.3 66.8





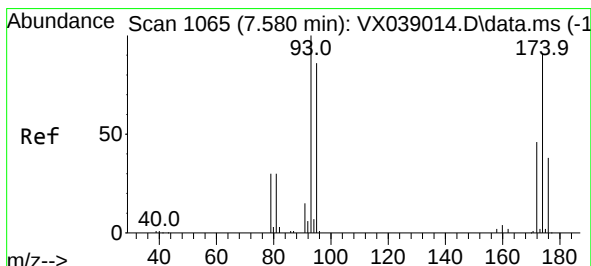
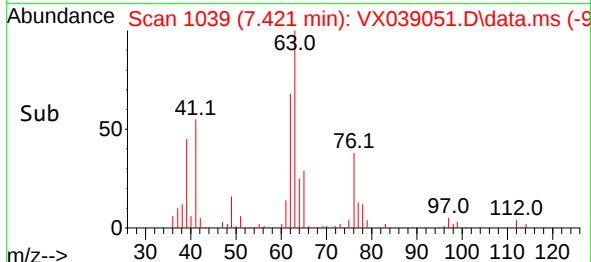
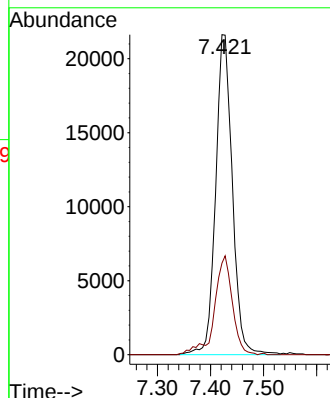
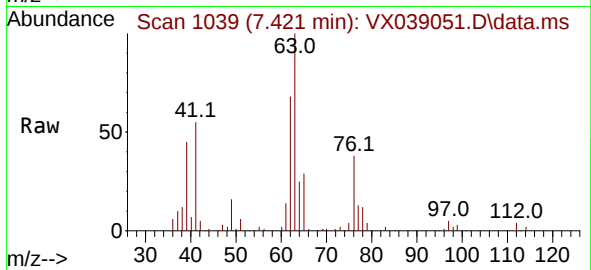
#39
1,2-Dichloropropane
Concen: 19.870 ug/l
RT: 7.421 min Scan# 1039
Delta R.T. -0.006 min
Lab File: VX039051.D
Acq: 29 Nov 2023 10:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 63 Resp: 47379
Ion Ratio Lower Upper
63 100
65 28.6 24.6 37.0

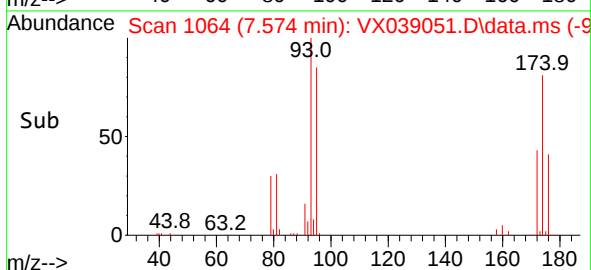
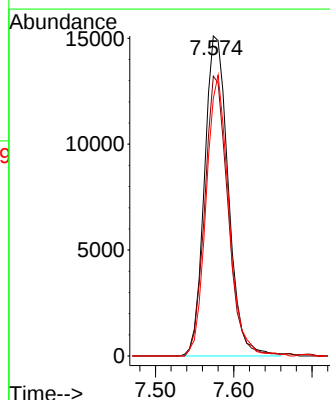
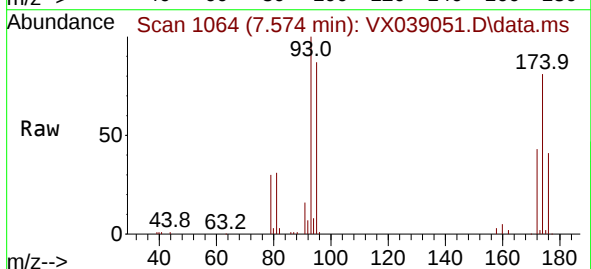
Manual Integrations
APPROVED

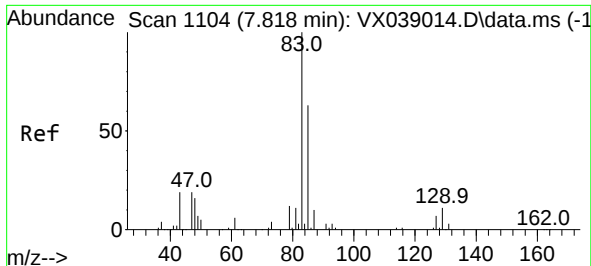
Reviewed By :John
Carlone
11/30/2023
Supervised By :Mahesh
Dadoda
11/30/2023



#40
Dibromomethane
Concen: 18.931 ug/l
RT: 7.574 min Scan# 1064
Delta R.T. -0.006 min
Lab File: VX039051.D
Acq: 29 Nov 2023 10:23

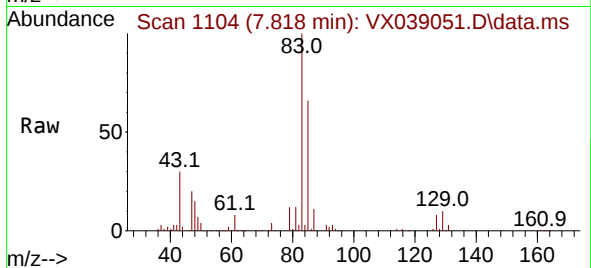
Tgt Ion: 93 Resp: 31893
Ion Ratio Lower Upper
93 100
95 85.6 0.0 163.4
174 83.2 0.0 166.4





#41
Bromodichloromethane
Concen: 19.359 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX039051.D
Acq: 29 Nov 2023 10:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

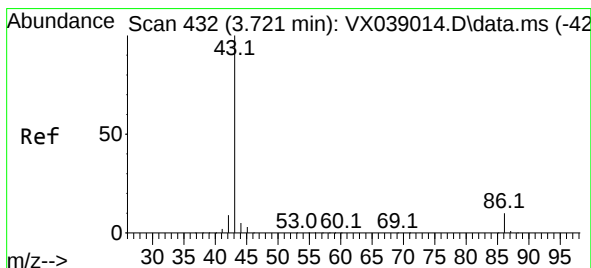
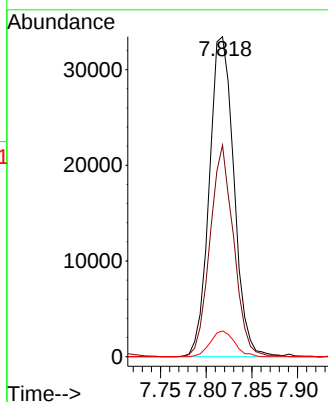
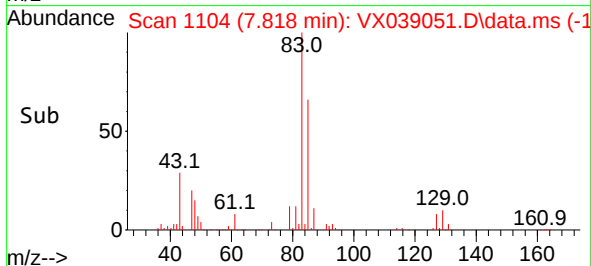


Tgt Ion: 83 Resp: 6265
Ion Ratio Lower Upper
83 100
85 66.1 50.8 76.2
127 8.0 5.9 8.9

Manual Integrations
APPROVED

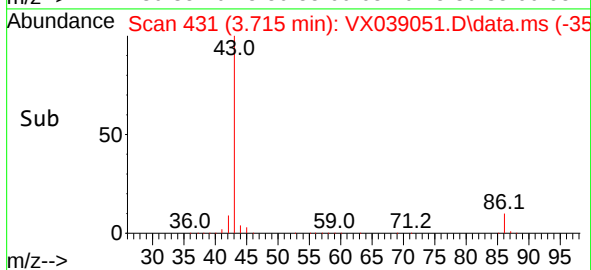
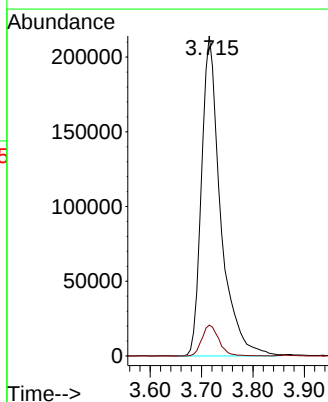
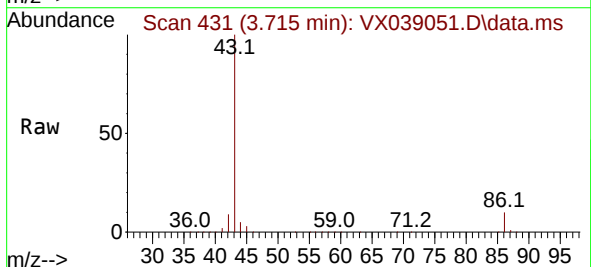
Reviewed By :John
Carlone
11/30/2023

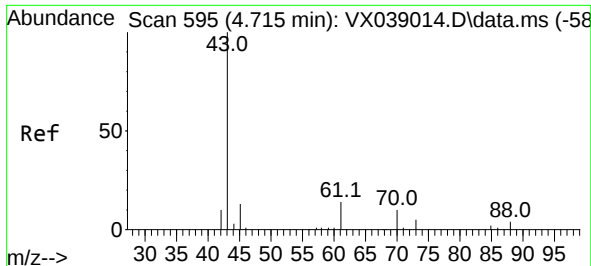
Supervised By :Mahesh
Dadoda
11/30/2023



#42
Vinyl Acetate
Concen: 99.048 ug/l
RT: 3.715 min Scan# 431
Delta R.T. -0.006 min
Lab File: VX039051.D
Acq: 29 Nov 2023 10:23

Tgt Ion: 43 Resp: 551272
Ion Ratio Lower Upper
43 100
86 8.6 6.7 10.1





#43
Ethyl Acetate
Concen: 18.901 ug/l
RT: 4.702 min Scan# 595
Delta R.T. -0.012 min
Lab File: VX039051.D
Acq: 29 Nov 2023 10:23

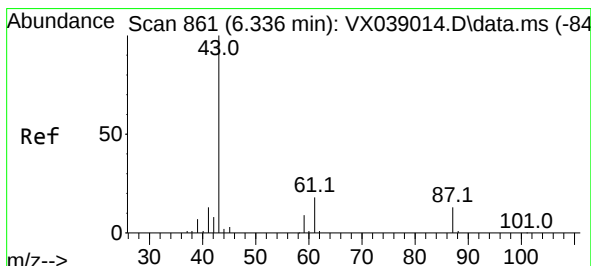
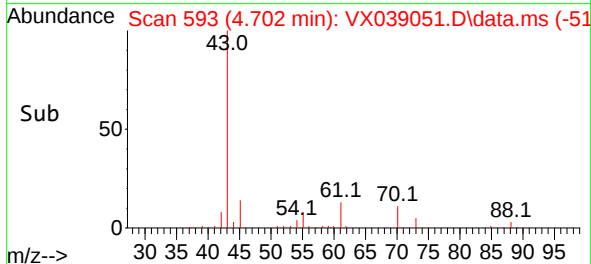
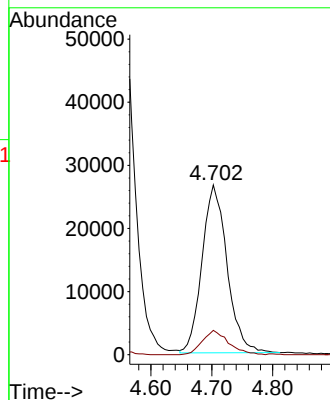
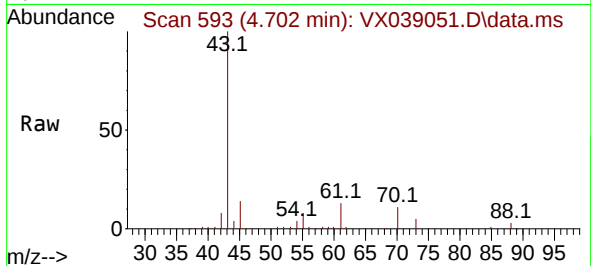
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 43 Resp: 75980
Ion Ratio Lower Upper
43 100
45 15.1 11.8 17.8

Manual Integrations
APPROVED

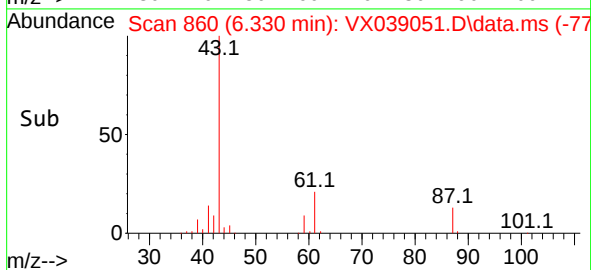
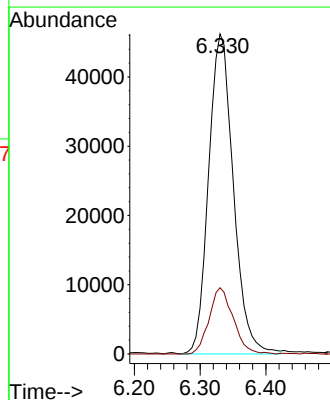
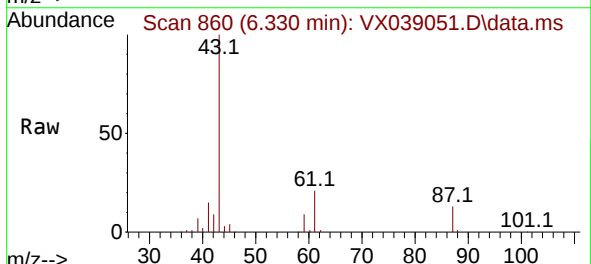
Reviewed By :John
Carlone
11/30/2023

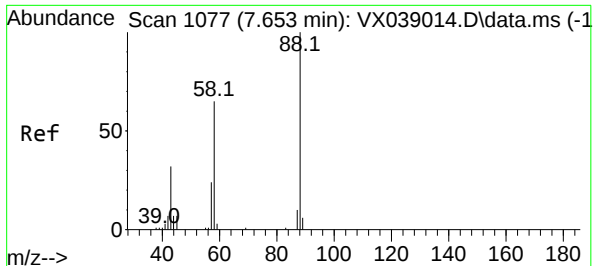
Supervised By :Mahesh
Dadoda
11/30/2023



#44
Isopropyl Acetate
Concen: 19.111 ug/l
RT: 6.330 min Scan# 860
Delta R.T. -0.006 min
Lab File: VX039051.D
Acq: 29 Nov 2023 10:23

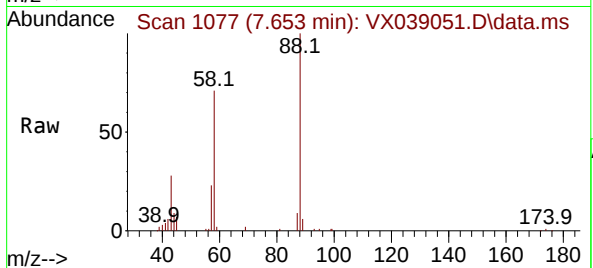
Tgt Ion: 43 Resp: 121113
Ion Ratio Lower Upper
43 100
61 19.9 15.6 23.4





#45
1,4-Dioxane
Concen: 366.480 ug/l
RT: 7.653 min Scan# 1077
Delta R.T. 0.000 min
Lab File: VX039051.D
Acq: 29 Nov 2023 10:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

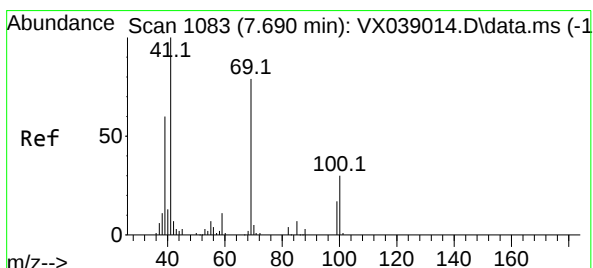
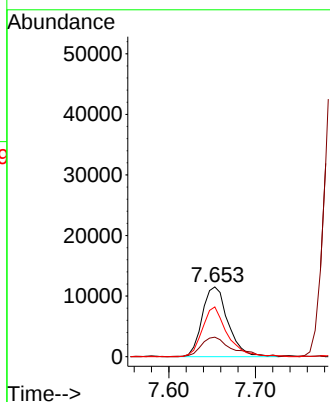
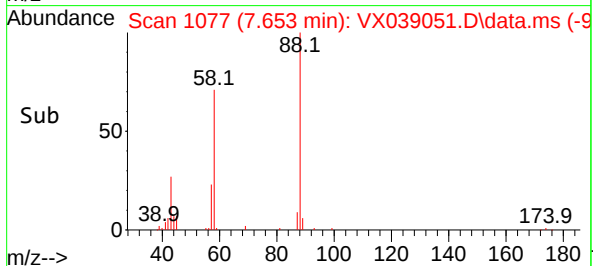


Tgt Ion: 88 Resp: 23710
Ion Ratio Lower Upper
88 100
43 31.6 28.1 42.1
58 69.1 57.7 86.5

Manual Integrations
APPROVED

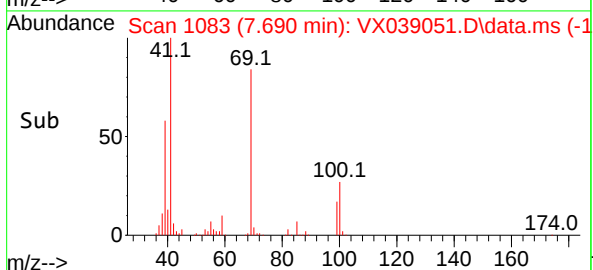
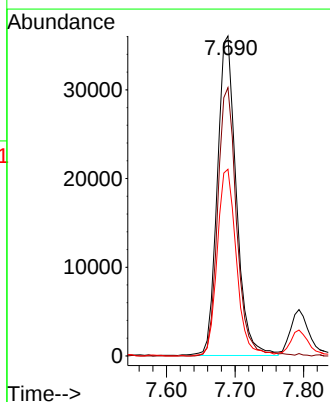
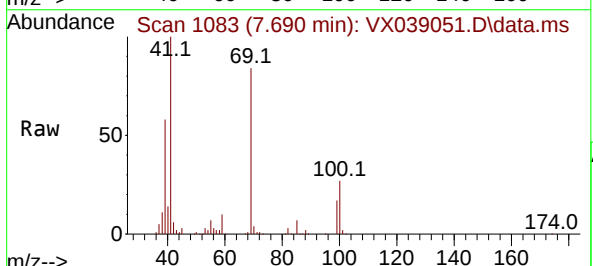
Reviewed By :John
Carlone
11/30/2023

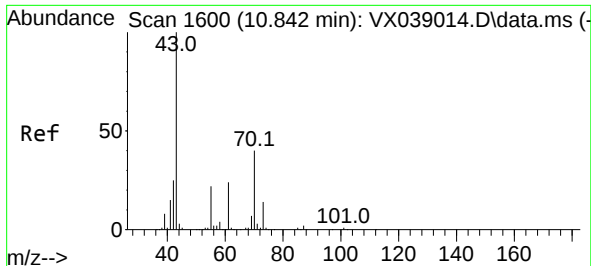
Supervised By :Mahesh
Dadoda
11/30/2023



#46
Methyl methacrylate
Concen: 19.081 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX039051.D
Acq: 29 Nov 2023 10:23

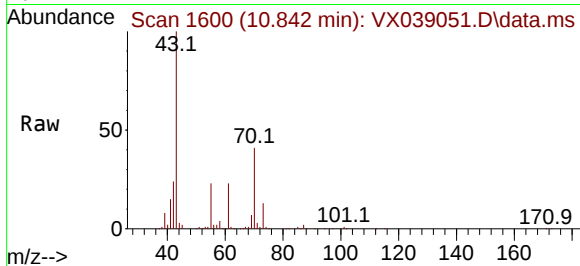
Tgt Ion: 41 Resp: 69138
Ion Ratio Lower Upper
41 100
69 84.0 39.6 118.8
39 58.5 30.1 90.3





#47
n-amyl acetate
Concen: 18.849 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX039051.D
Acq: 29 Nov 2023 10:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

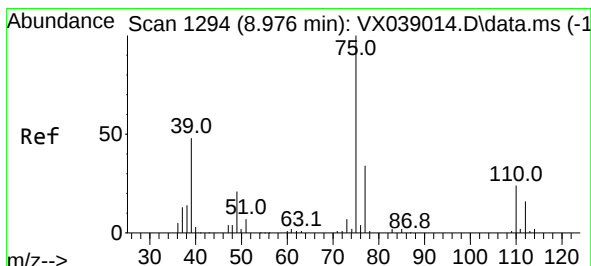
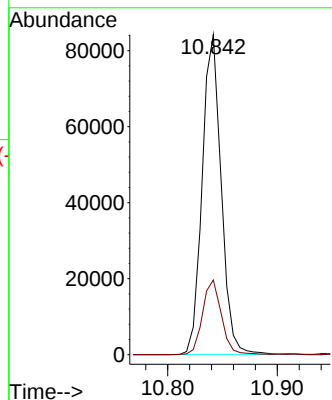
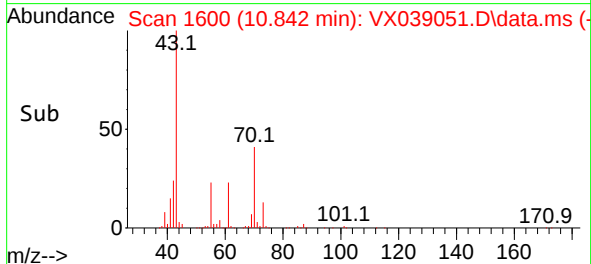


Tgt Ion: 43 Resp: 101100
Ion Ratio Lower Upper
43 100
55 23.0 18.2 27.2

Manual Integrations
APPROVED

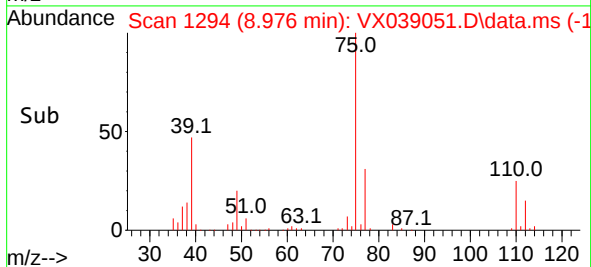
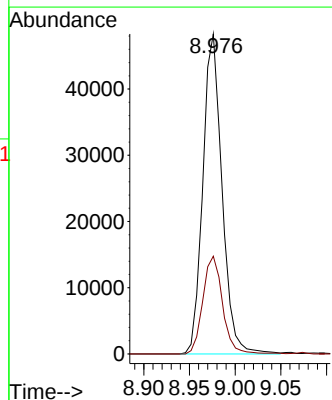
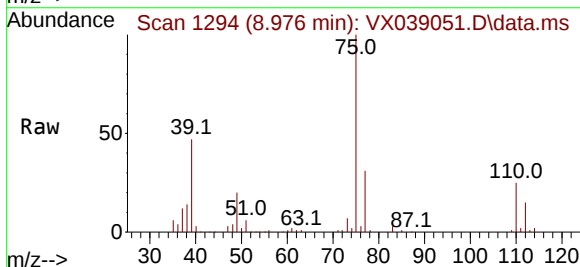
Reviewed By :John
Carlone
11/30/2023

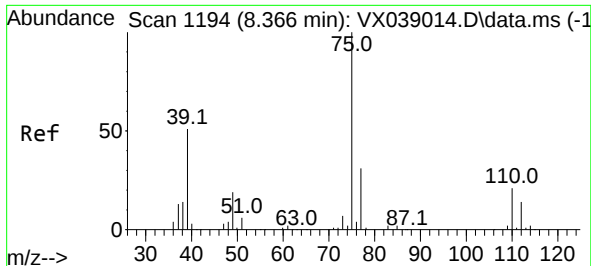
Supervised By :Mahesh
Dadoda
11/30/2023



#48
t-1,3-Dichloropropene
Concen: 18.783 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VX039051.D
Acq: 29 Nov 2023 10:23

Tgt Ion: 75 Resp: 70490
Ion Ratio Lower Upper
75 100
77 30.6 26.8 40.2





#49

cis-1,3-Dichloropropene

Concen: 19.462 ug/l

RT: 8.360 min Scan# 1194

Delta R.T. -0.006 min

Lab File: VX039051.D

Acq: 29 Nov 2023 10:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion: 75 Resp: 75348

Ion	Ratio	Lower	Upper
75	100		
77	32.3	24.4	36.6
39	49.5	40.6	60.8

Manual Integrations

APPROVED

Reviewed By :John

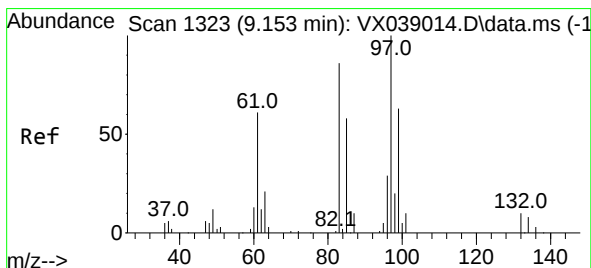
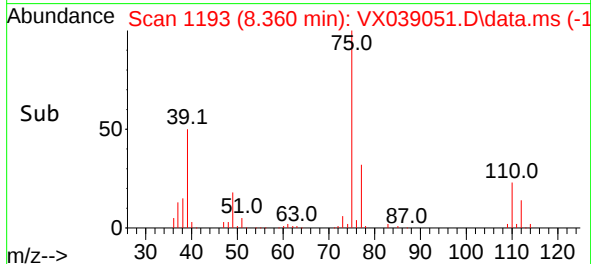
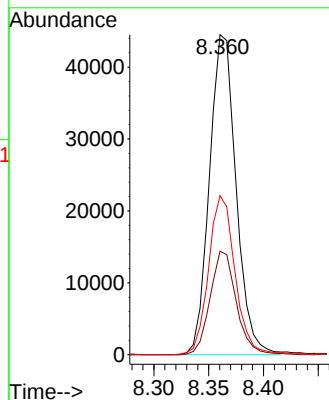
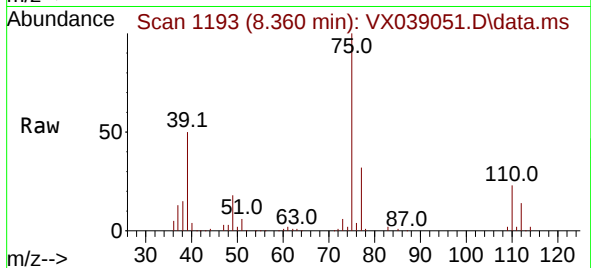
Carlone

11/30/2023

Supervised By :Mahesh

Dadoda

11/30/2023



#50

1,1,2-Trichloroethane

Concen: 19.638 ug/l

RT: 9.147 min Scan# 1322

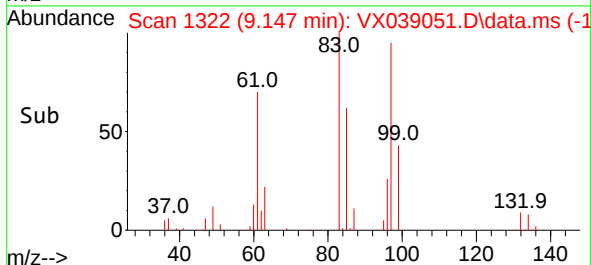
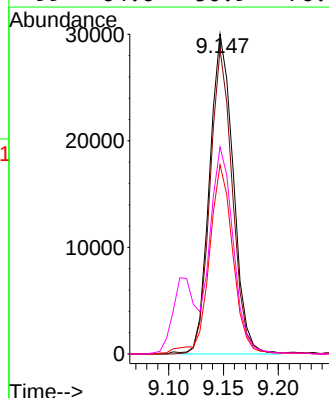
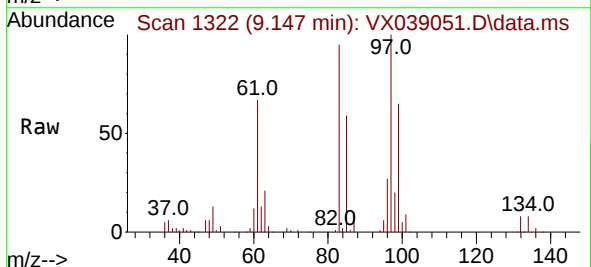
Delta R.T. -0.006 min

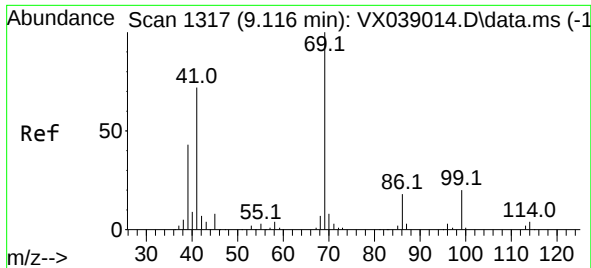
Lab File: VX039051.D

Acq: 29 Nov 2023 10:23

Tgt Ion: 97 Resp: 44944

Ion	Ratio	Lower	Upper
97	100		
83	95.4	69.0	103.6
85	58.8	46.3	69.5
99	64.6	50.9	76.3





#51
Ethyl methacrylate
Concen: 19.253 ug/l
RT: 9.110 min Scan# 1316
Delta R.T. -0.006 min
Lab File: VX039051.D
Acq: 29 Nov 2023 10:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion: 69 Resp: 55150
Ion Ratio Lower Upper
69 100
41 74.1 36.2 108.6
39 40.4 21.1 63.4

Manual Integrations

APPROVED

Reviewed By :John

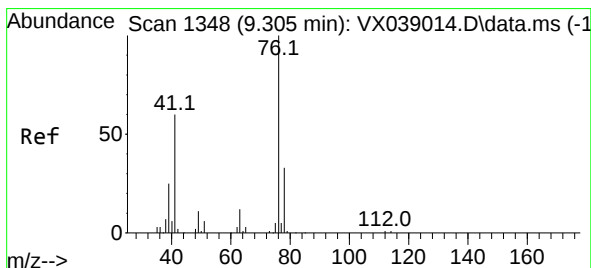
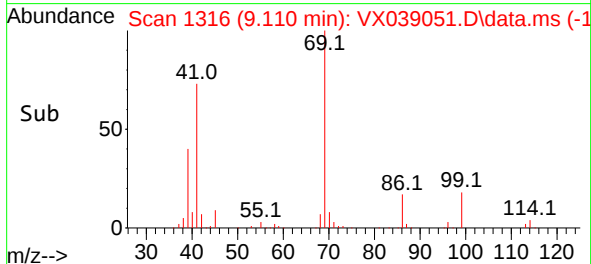
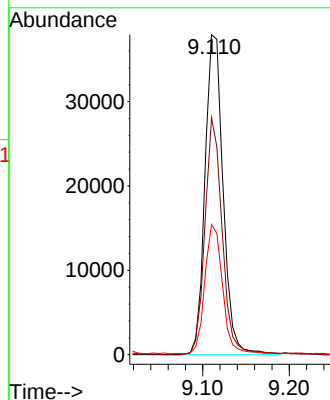
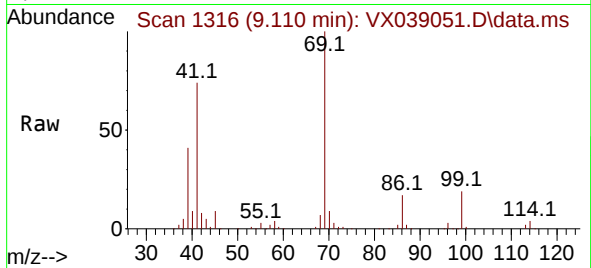
Carlone

11/30/2023

Supervised By :Mahesh

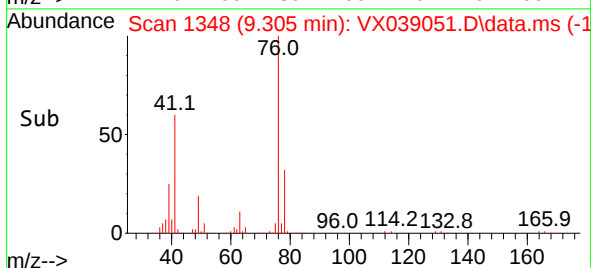
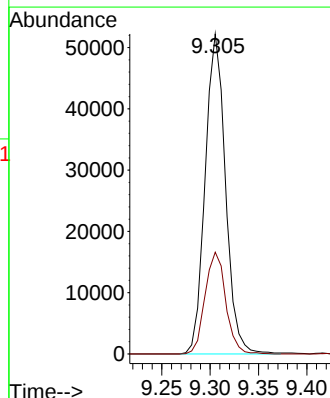
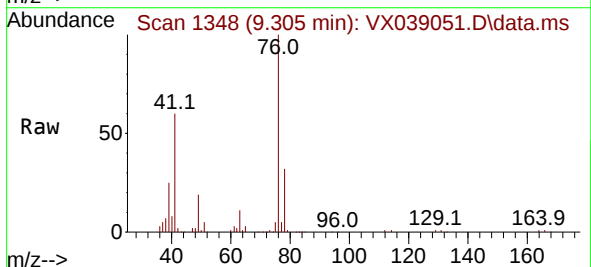
Dadoda

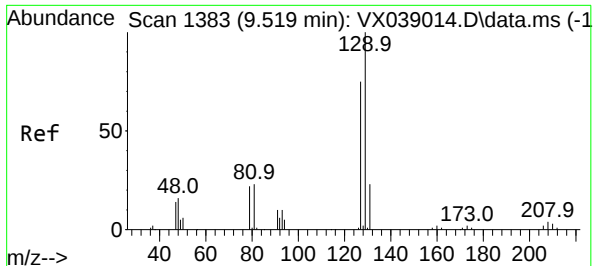
11/30/2023



#52
1,3-Dichloropropane
Concen: 19.470 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. 0.000 min
Lab File: VX039051.D
Acq: 29 Nov 2023 10:23

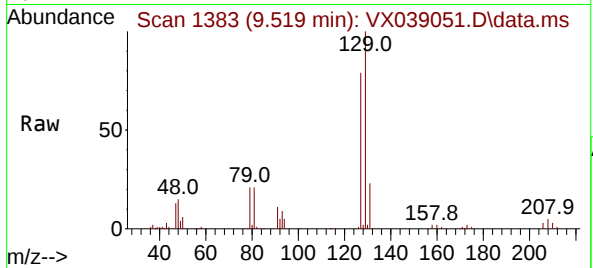
Tgt Ion: 76 Resp: 76407
Ion Ratio Lower Upper
76 100
78 32.3 0.0 65.0





#53
Dibromochloromethane
Concen: 18.980 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX039051.D
Acq: 29 Nov 2023 10:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

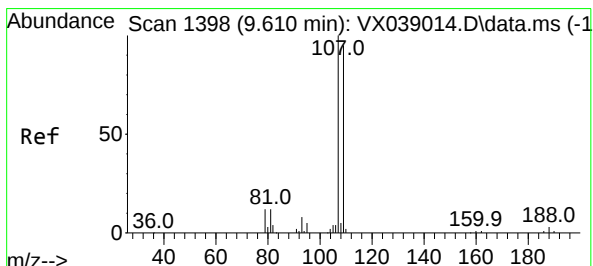
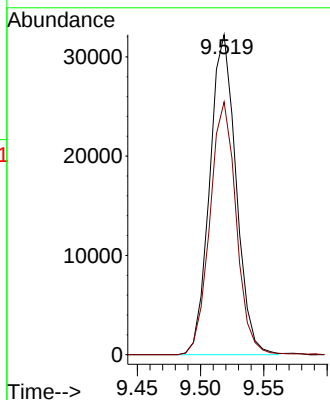
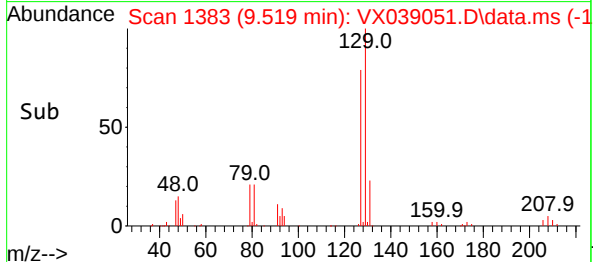


Tgt Ion:129 Resp: 46649
Ion Ratio Lower Upper
129 100
127 78.8 38.3 114.9

Manual Integrations
APPROVED

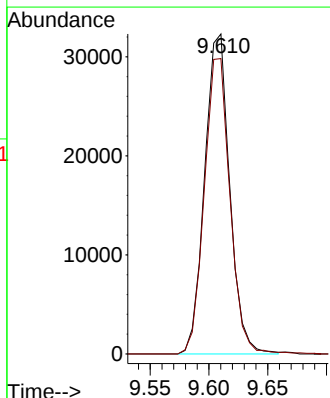
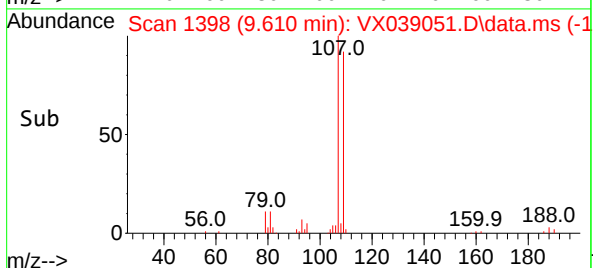
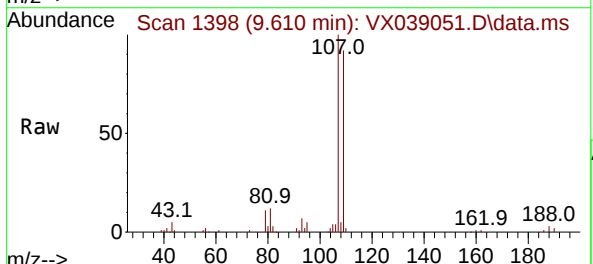
Reviewed By :John
Carlone
11/30/2023

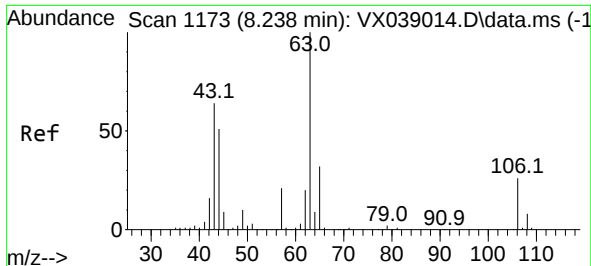
Supervised By :Mahesh
Dadoda
11/30/2023



#54
1,2-Dibromoethane
Concen: 19.099 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX039051.D
Acq: 29 Nov 2023 10:23

Tgt Ion:107 Resp: 47935
Ion Ratio Lower Upper
107 100
109 94.8 75.1 112.7





#55
2-Chloroethyl vinyl ether
Concen: 91.204 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VX039051.D
Acq: 29 Nov 2023 10:23

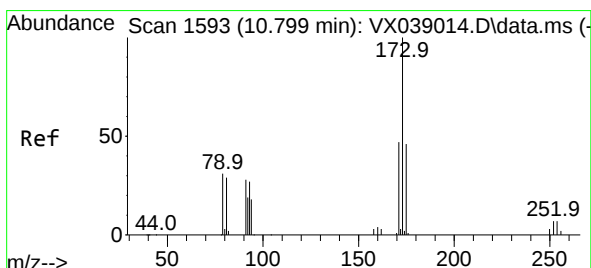
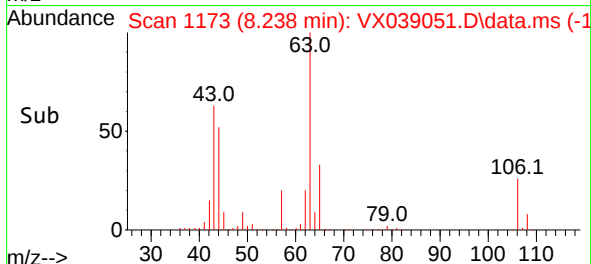
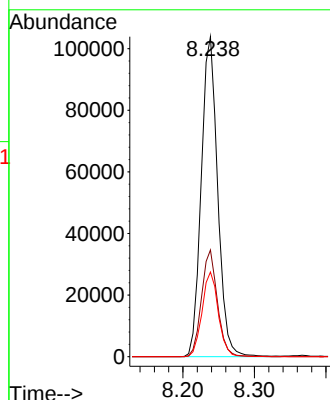
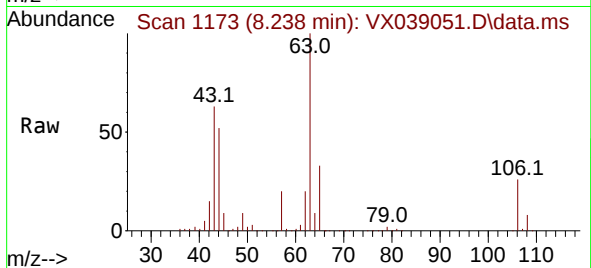
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 63 Resp: 165612
Ion Ratio Lower Upper
63 100
65 32.2 25.8 38.6
106 26.1 20.6 31.0

Manual Integrations
APPROVED

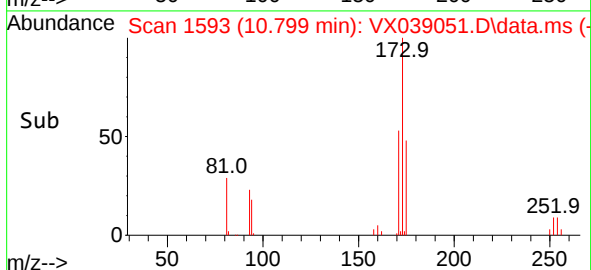
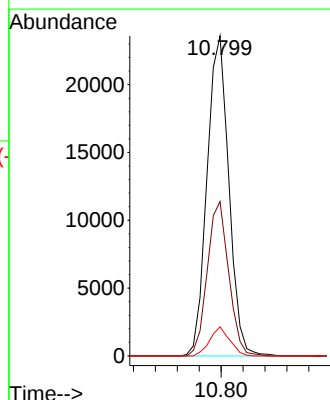
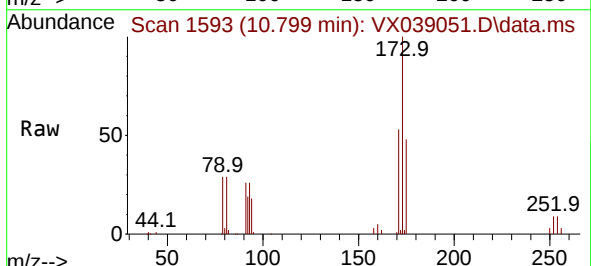
Reviewed By :John
Carlone
11/30/2023

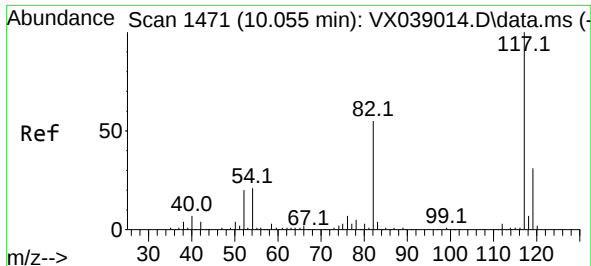
Supervised By :Mahesh
Dadoda
11/30/2023



#56
Bromoform
Concen: 18.347 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX039051.D
Acq: 29 Nov 2023 10:23

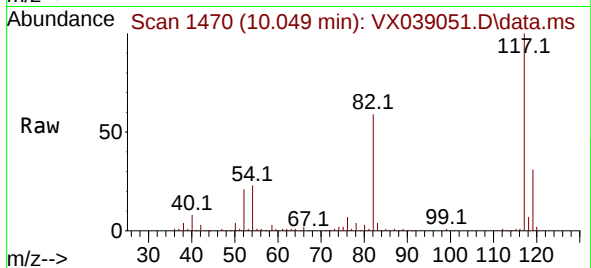
Tgt Ion:173 Resp: 32546
Ion Ratio Lower Upper
173 100
175 47.4 37.6 56.4
254 8.3 5.8 8.8





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.049 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX039051.D
Acq: 29 Nov 2023 10:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

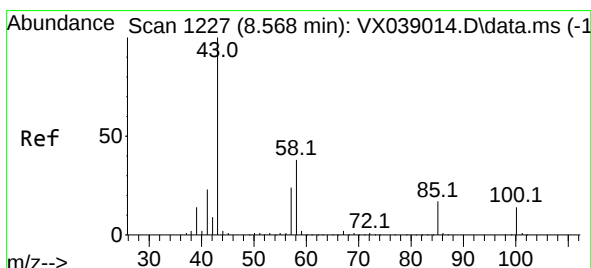
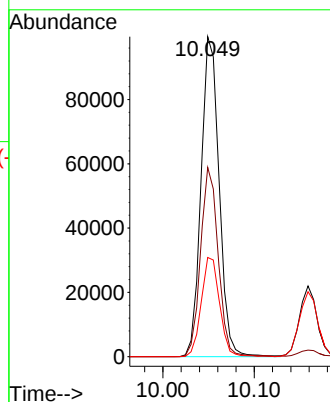
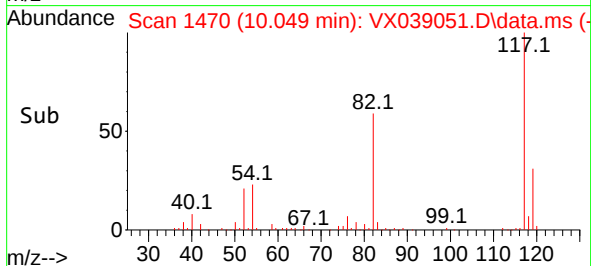


Tgt Ion: 117 Resp: 137012
Ion Ratio Lower Upper
117 100
82 57.5 47.0 70.6
119 31.4 25.2 37.8

Manual Integrations
APPROVED

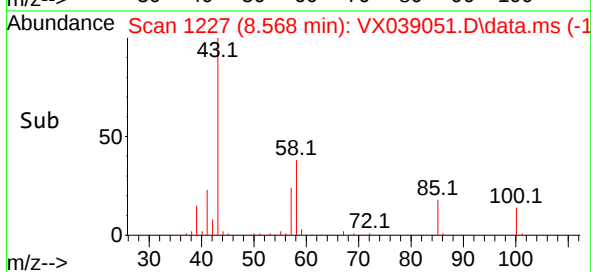
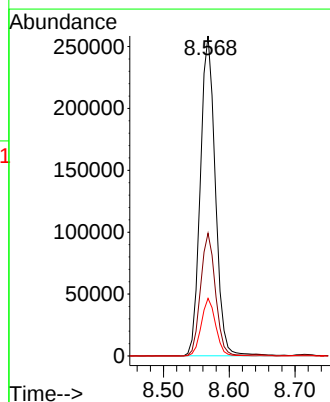
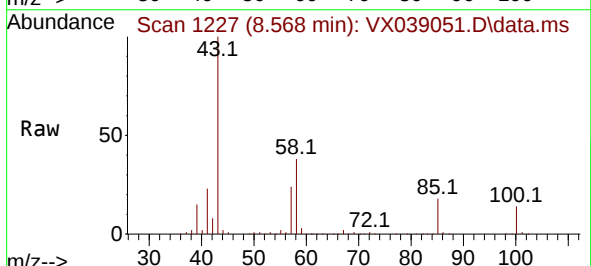
Reviewed By :John
Carlone
11/30/2023

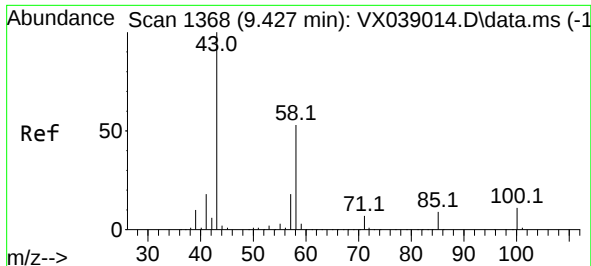
Supervised By :Mahesh
Dadoda
11/30/2023



#58
4-Methyl-2-Pentanone
Concen: 98.740 ug/l
RT: 8.568 min Scan# 1227
Delta R.T. 0.000 min
Lab File: VX039051.D
Acq: 29 Nov 2023 10:23

Tgt Ion: 43 Resp: 410250
Ion Ratio Lower Upper
43 100
58 38.0 30.1 45.1
85 17.3 13.9 20.9





#59

2-Hexanone

Concen: 99.167 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. 0.000 min

Lab File: VX039051.D

Acq: 29 Nov 2023 10:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion: 43 Resp: 338208

Ion Ratio Lower Upper

43 100

58 54.3 42.7 64.1

57 18.5 14.8 22.2

Manual Integrations

APPROVED

Reviewed By :John

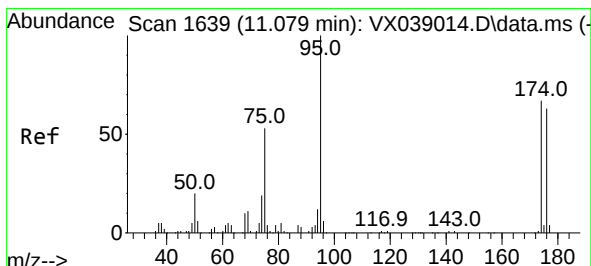
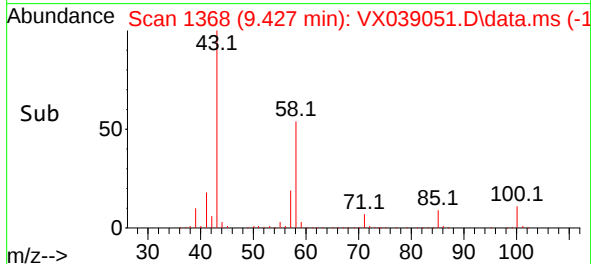
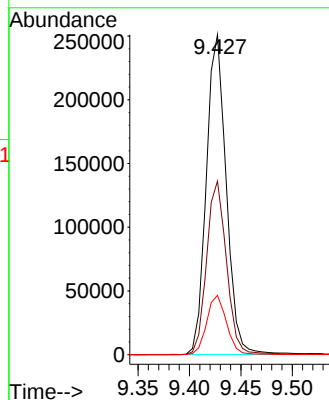
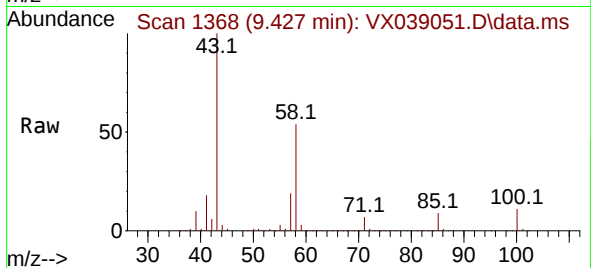
Carlone

11/30/2023

Supervised By :Mahesh

Dadoda

11/30/2023



#60

4-Bromofluorobenzene

Concen: 29.522 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX039051.D

Acq: 29 Nov 2023 10:23

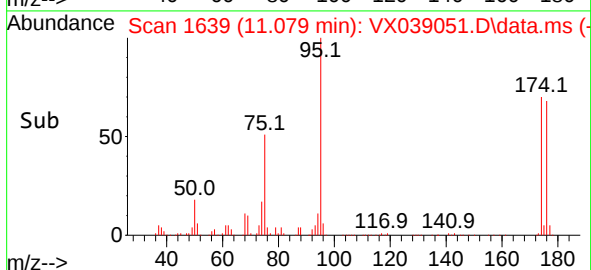
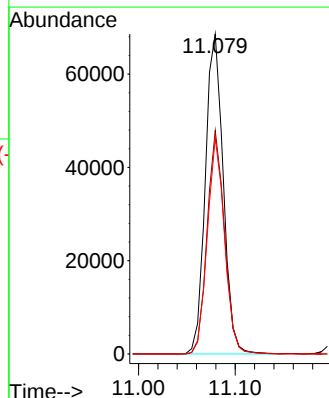
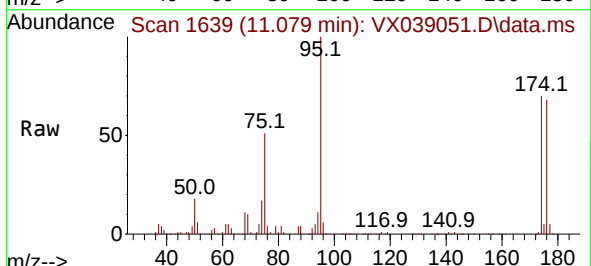
Tgt Ion: 95 Resp: 88346

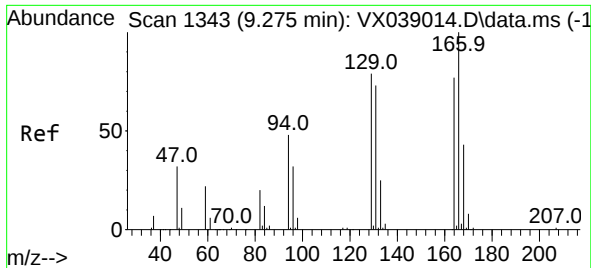
Ion Ratio Lower Upper

95 100

174 67.8 55.4 83.2

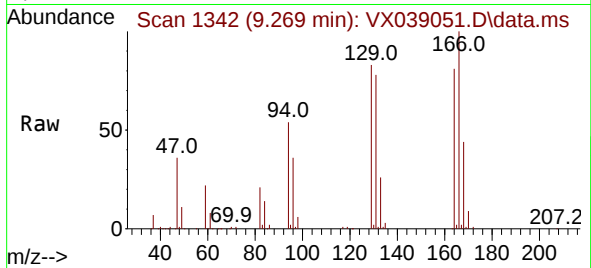
176 65.2 52.6 78.8





#61
Tetrachloroethene
Concen: 19.832 ug/l
RT: 9.269 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX039051.D
Acq: 29 Nov 2023 10:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

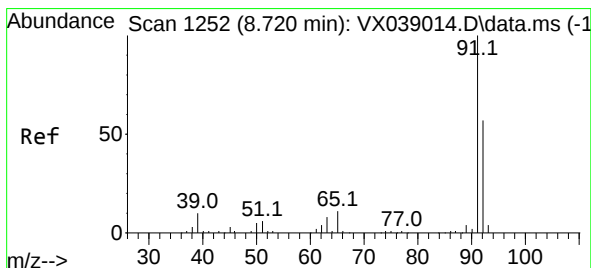
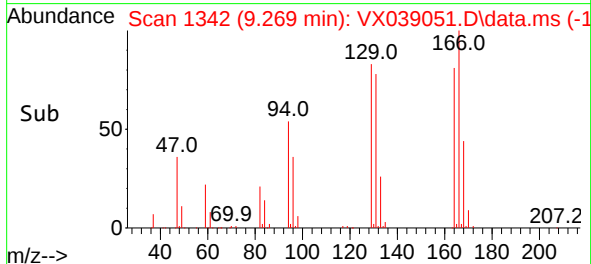
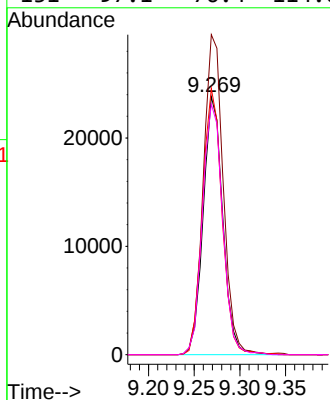


Tgt Ion:164 Resp: 35329
Ion Ratio Lower Upper
164 100
166 124.1 104.0 156.0
129 103.2 82.0 123.0
131 97.1 76.4 114.6

Manual Integrations
APPROVED

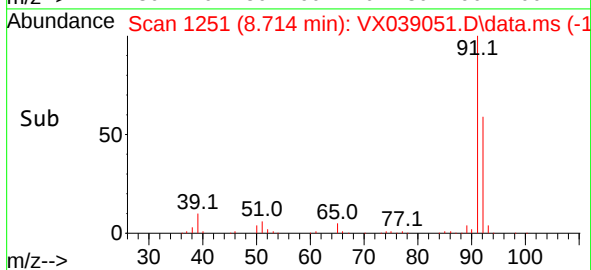
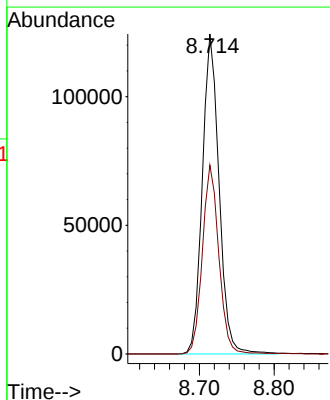
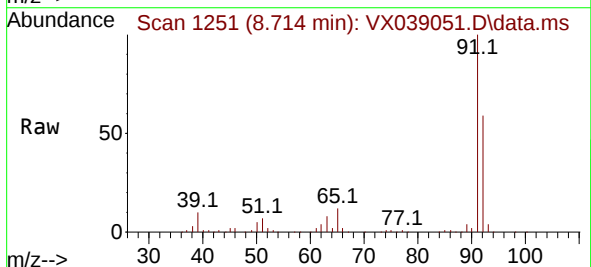
Reviewed By :John
Carlone
11/30/2023

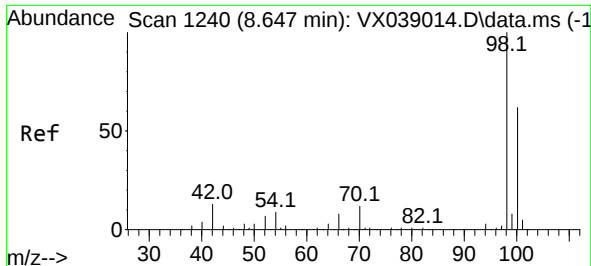
Supervised By :Mahesh
Dadoda
11/30/2023



#62
Toluene
Concen: 19.842 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX039051.D
Acq: 29 Nov 2023 10:23

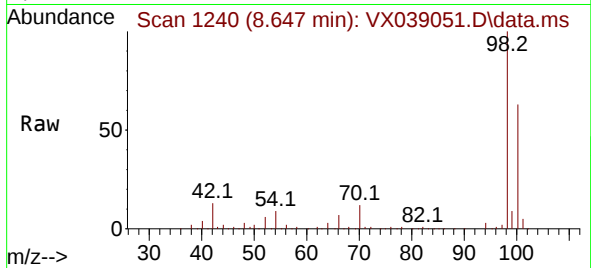
Tgt Ion: 91 Resp: 193016
Ion Ratio Lower Upper
91 100
92 58.3 45.9 68.9





#63
Toluene-d8
Concen: 29.817 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX039051.D
Acq: 29 Nov 2023 10:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

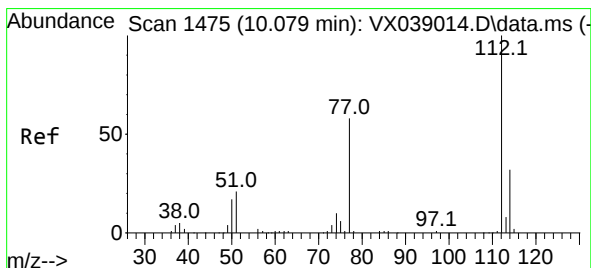
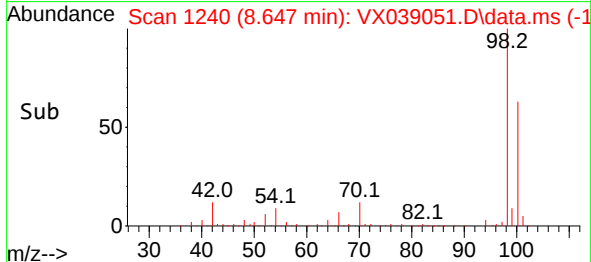
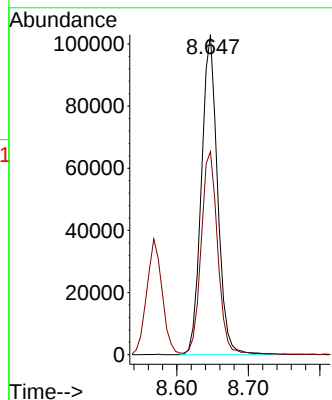


Tgt Ion: 98 Resp: 161520
Ion Ratio Lower Upper
98 100
100 64.1 51.0 76.4

Manual Integrations
APPROVED

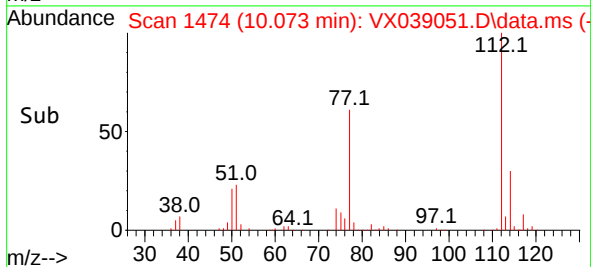
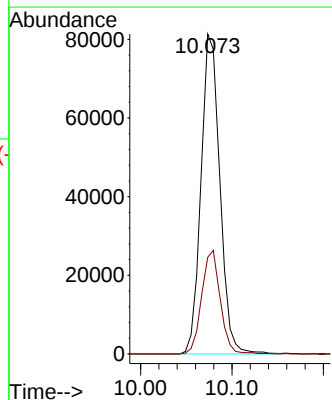
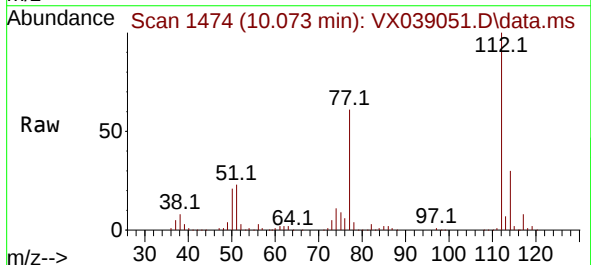
Reviewed By :John
Carlone
11/30/2023

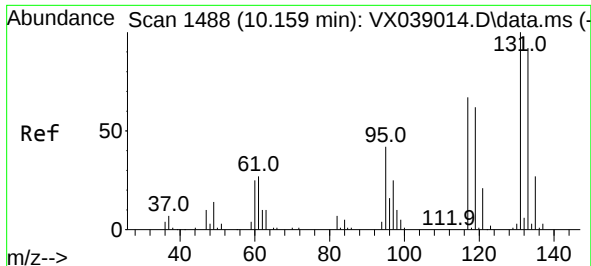
Supervised By :Mahesh
Dadoda
11/30/2023



#64
Chlorobenzene
Concen: 19.697 ug/l
RT: 10.073 min Scan# 1474
Delta R.T. -0.006 min
Lab File: VX039051.D
Acq: 29 Nov 2023 10:23

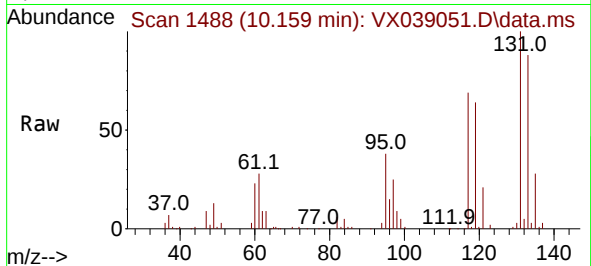
Tgt Ion:112 Resp: 116544
Ion Ratio Lower Upper
112 100
114 30.2 25.9 38.9





#65
1,1,1,2-Tetrachloroethane
Concen: 19.831 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX039051.D
Acq: 29 Nov 2023 10:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

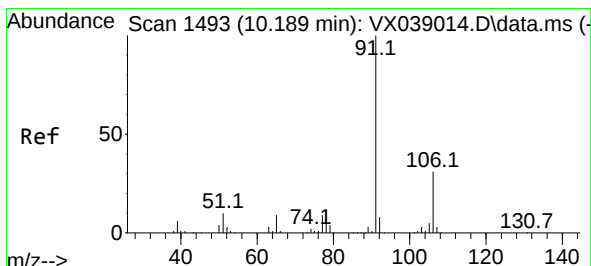
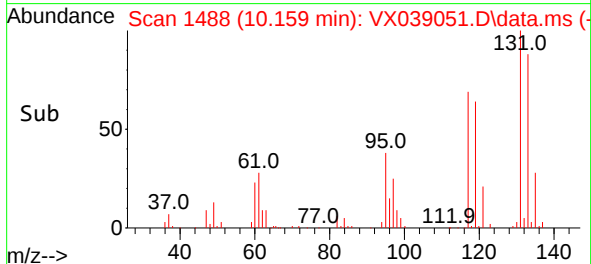
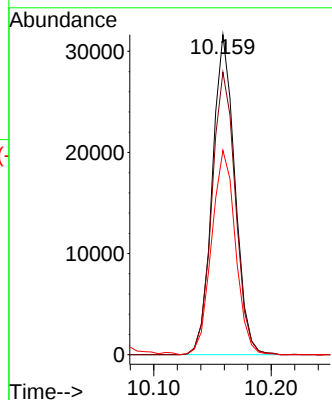


Tgt Ion:131 Resp: 42259
Ion Ratio Lower Upper
131 100
133 91.9 0.0 191.8
119 67.4 0.0 135.4

Manual Integrations
APPROVED

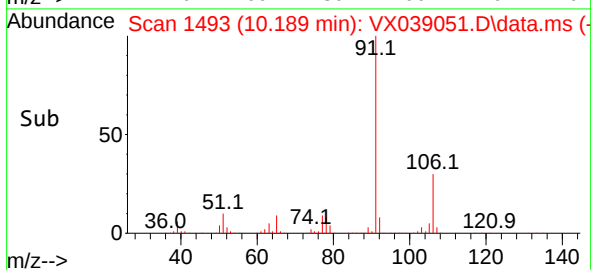
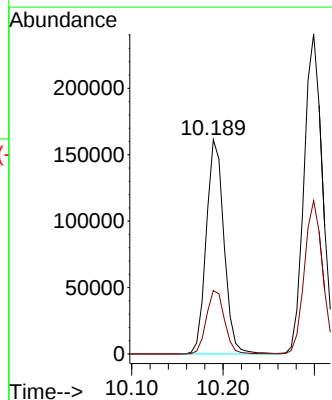
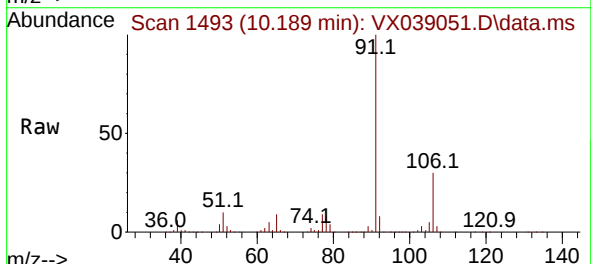
Reviewed By :John
Carlone
11/30/2023

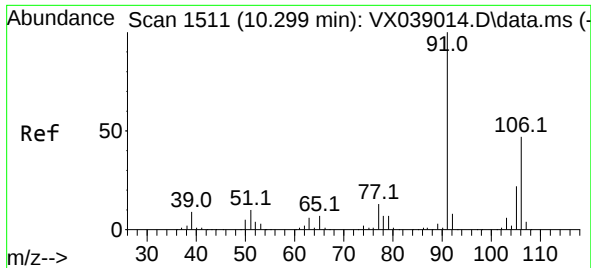
Supervised By :Mahesh
Dadoda
11/30/2023



#66
Ethyl Benzene
Concen: 19.566 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VX039051.D
Acq: 29 Nov 2023 10:23

Tgt Ion: 91 Resp: 216723
Ion Ratio Lower Upper
91 100
106 29.5 24.4 36.6





#67
m/p-Xylenes
Concen: 39.369 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX039051.D
Acq: 29 Nov 2023 10:23

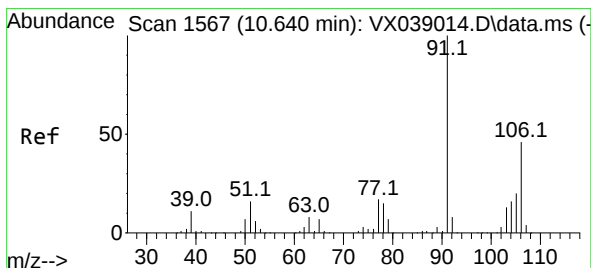
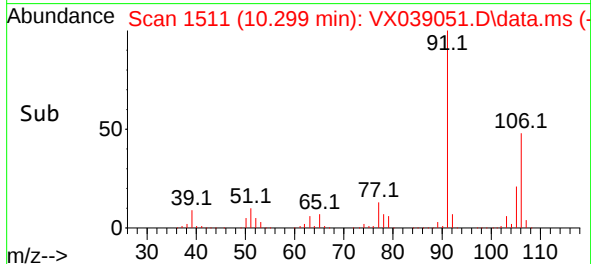
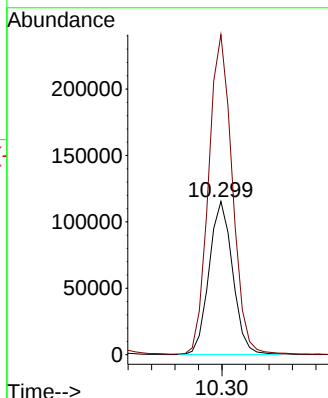
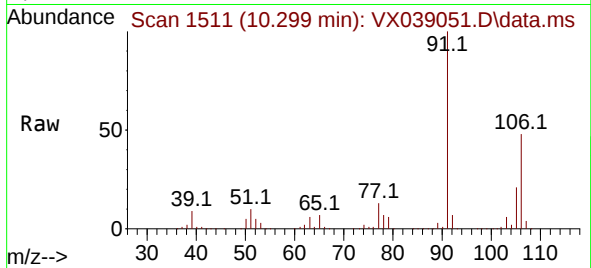
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion:106 Resp: 161138
Ion Ratio Lower Upper
106 100
91 210.9 169.4 254.0

Manual Integrations
APPROVED

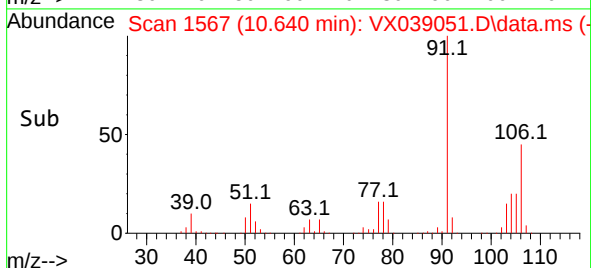
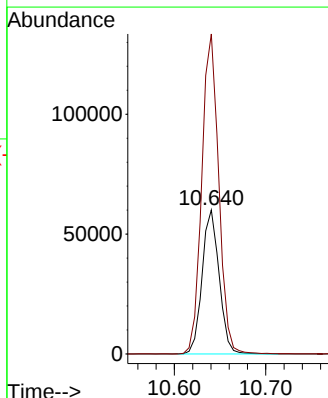
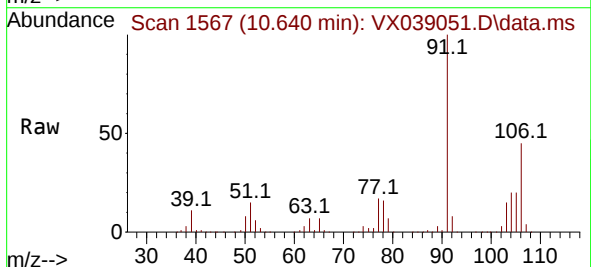
Reviewed By :John
Carlone
11/30/2023

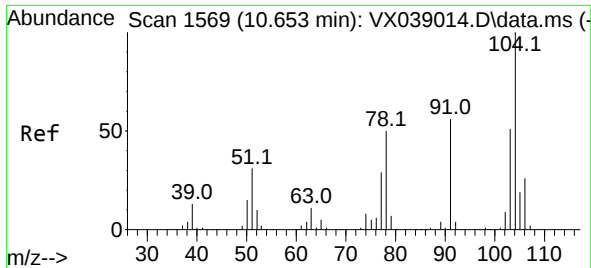
Supervised By :Mahesh
Dadoda
11/30/2023



#68
o-Xylene
Concen: 19.538 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX039051.D
Acq: 29 Nov 2023 10:23

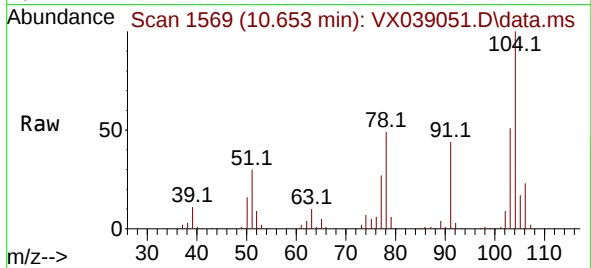
Tgt Ion:106 Resp: 77464
Ion Ratio Lower Upper
106 100
91 221.7 111.2 333.6





#69
Styrene
Concen: 19.407 ug/l
RT: 10.653 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VX039051.D
Acq: 29 Nov 2023 10:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

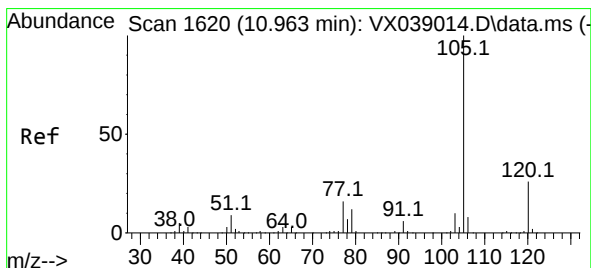
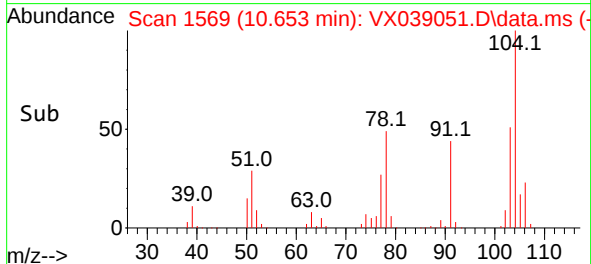
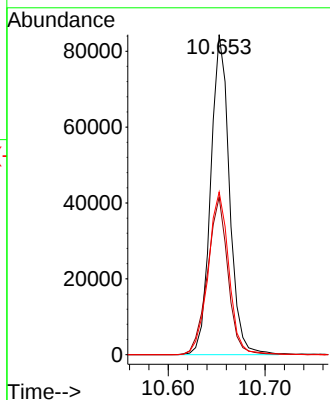


Tgt Ion:104 Resp: 113870
Ion Ratio Lower Upper
104 100
78 53.6 43.7 65.5
103 56.3 44.6 67.0

Manual Integrations
APPROVED

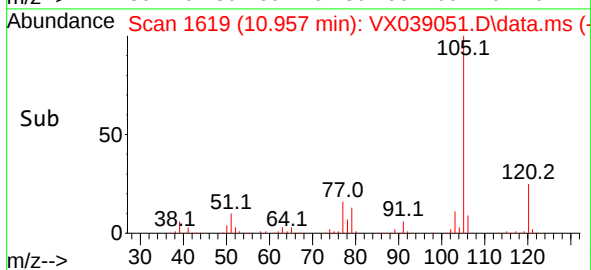
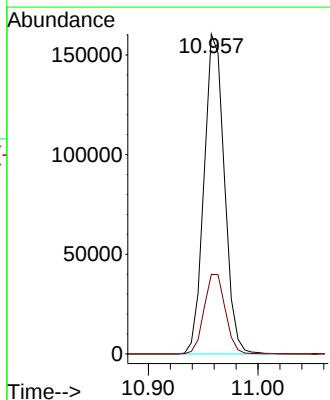
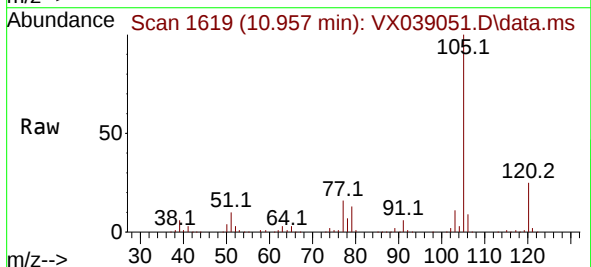
Reviewed By :John
Carlone
11/30/2023

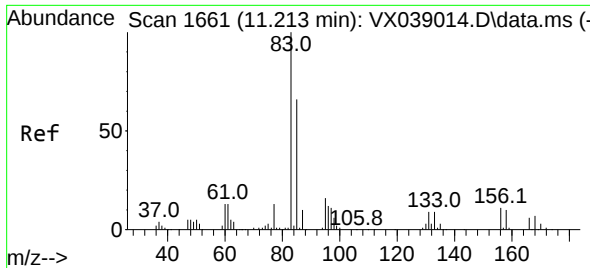
Supervised By :Mahesh
Dadoda
11/30/2023



#70
Isopropylbenzene
Concen: 19.535 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. -0.006 min
Lab File: VX039051.D
Acq: 29 Nov 2023 10:23

Tgt Ion:105 Resp: 207221
Ion Ratio Lower Upper
105 100
120 26.0 18.5 34.3





#71
1,1,2,2-Tetrachloroethane
Concen: 19.434 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. -0.006 min
Lab File: VX039051.D
Acq: 29 Nov 2023 10:23

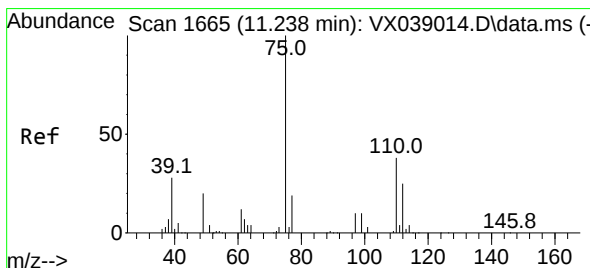
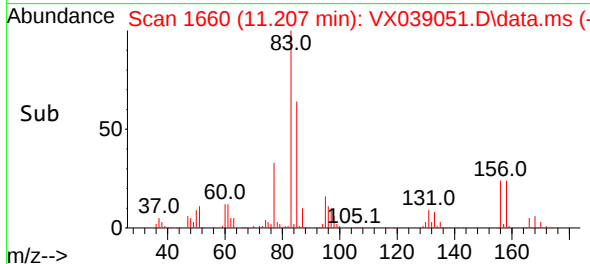
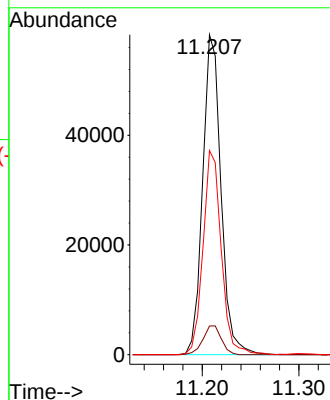
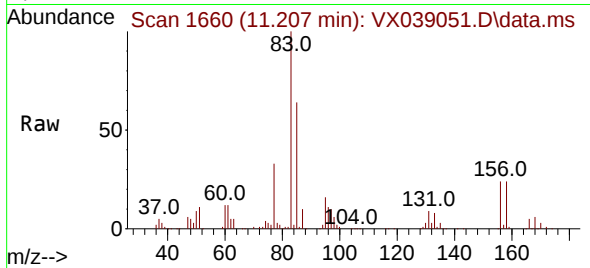
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 83 Resp: 76960
Ion Ratio Lower Upper
83 100
131 9.1 4.6 13.8
85 63.4 32.5 97.4

Manual Integrations
APPROVED

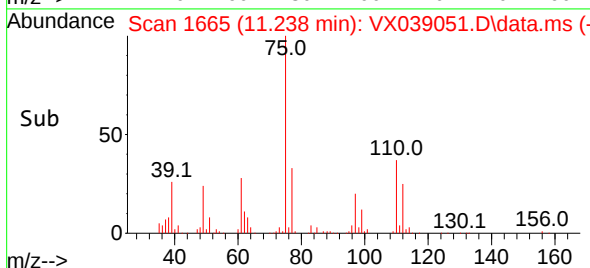
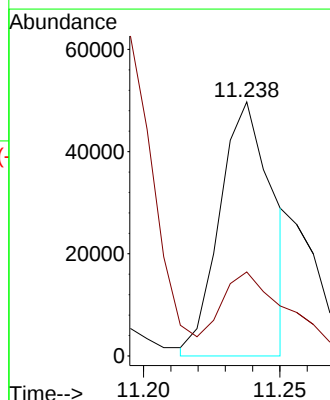
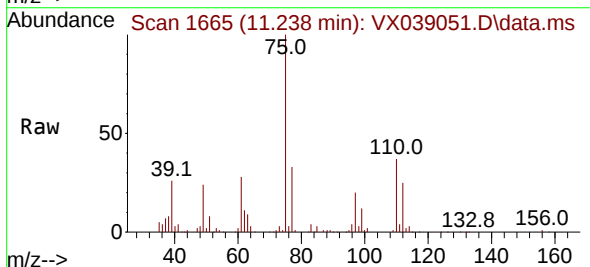
Reviewed By :John
Carlone
11/30/2023

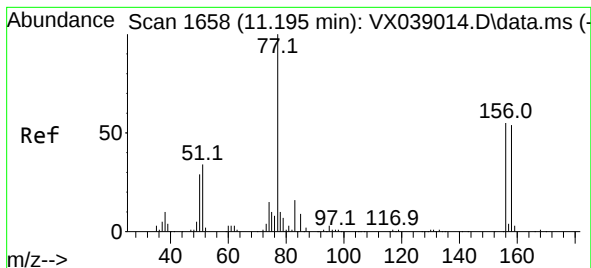
Supervised By :Mahesh
Dadoda
11/30/2023



#72
1,2,3-Trichloropropane
Concen: 19.958 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX039051.D
Acq: 29 Nov 2023 10:23

Tgt Ion: 75 Resp: 66879
Ion Ratio Lower Upper
75 100
77 43.1 0.0 76.4





#73

Bromobenzene

Concen: 19.481 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX039051.D

Acq: 29 Nov 2023 10:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion:156 Resp: 47048

Ion Ratio Lower Upper

156 100

77 177.9 0.0 363.2

158 95.3 0.0 197.8

Manual Integrations

APPROVED

Reviewed By :John

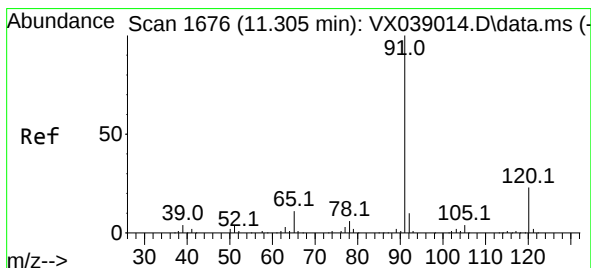
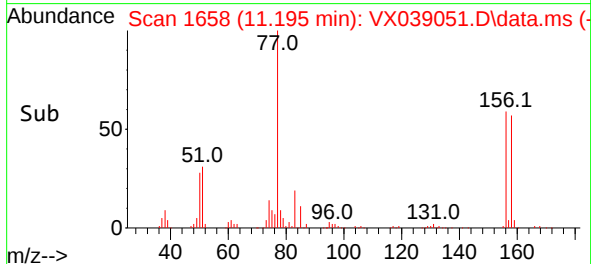
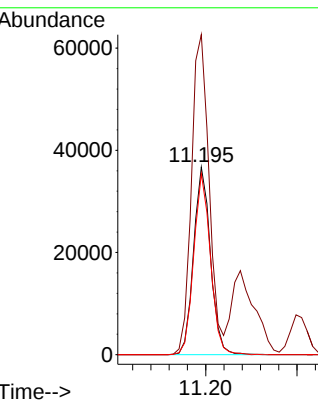
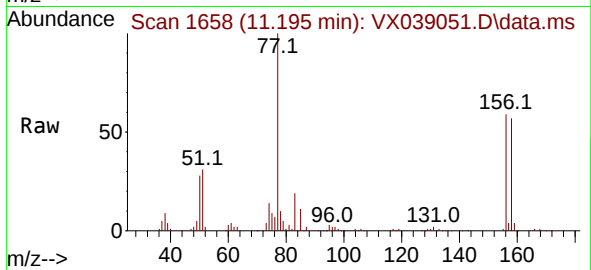
Carlone

11/30/2023

Supervised By :Mahesh

Dadoda

11/30/2023



#74

n-propylbenzene

Concen: 19.669 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX039051.D

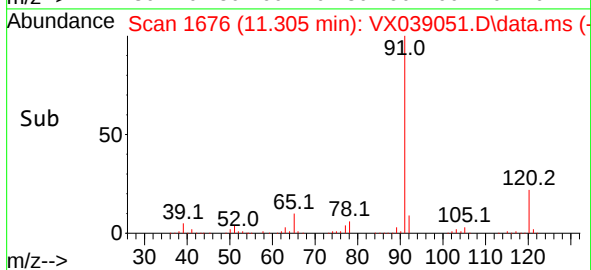
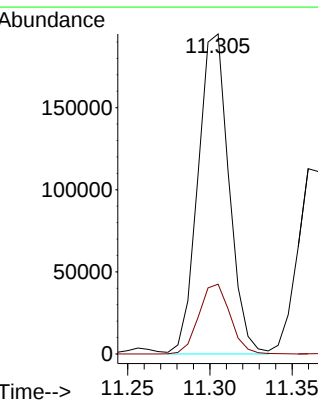
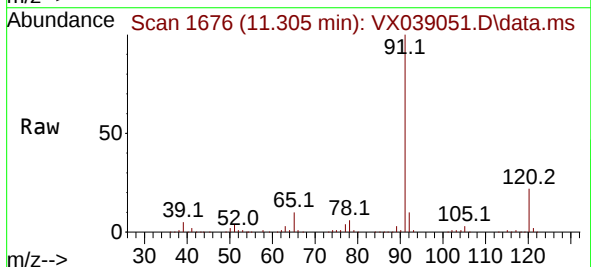
Acq: 29 Nov 2023 10:23

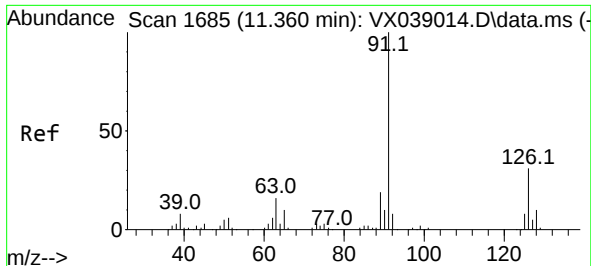
Tgt Ion: 91 Resp: 255635

Ion Ratio Lower Upper

91 100

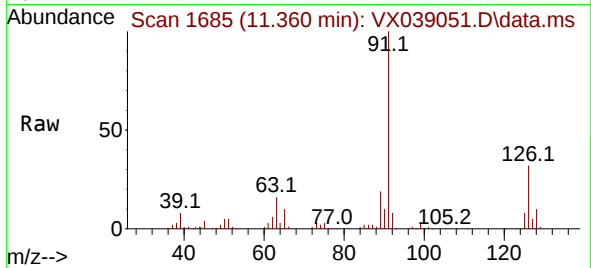
120 22.0 0.0 43.4





#75
2-Chlorotoluene
Concen: 19.183 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VX039051.D
Acq: 29 Nov 2023 10:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

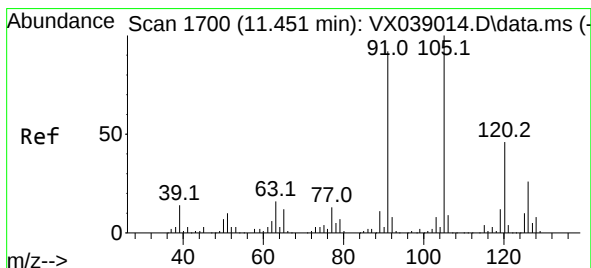
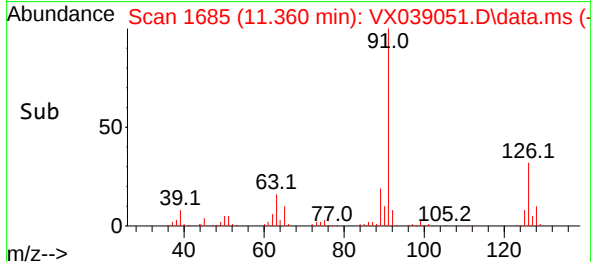
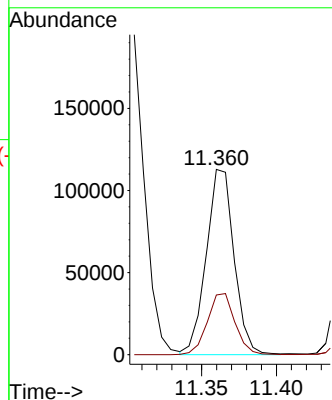


Tgt Ion: 91 Resp: 146270
Ion Ratio Lower Upper
91 100
126 32.8 0.0 64.2

Manual Integrations
APPROVED

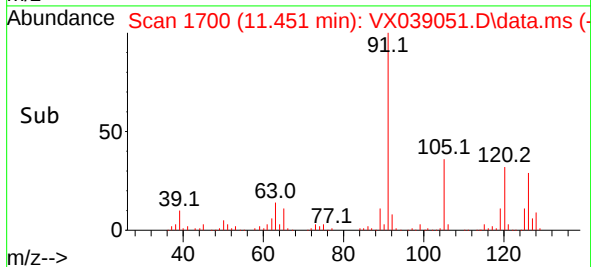
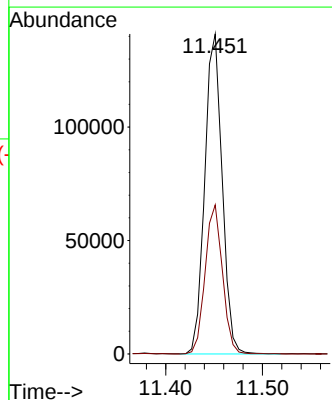
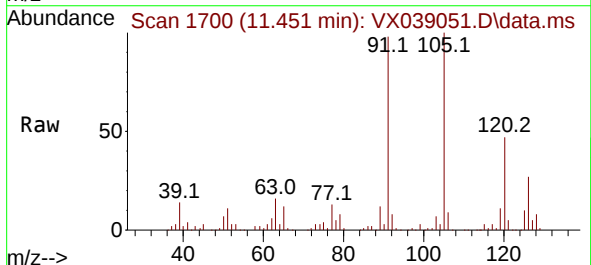
Reviewed By :John
Carlone
11/30/2023

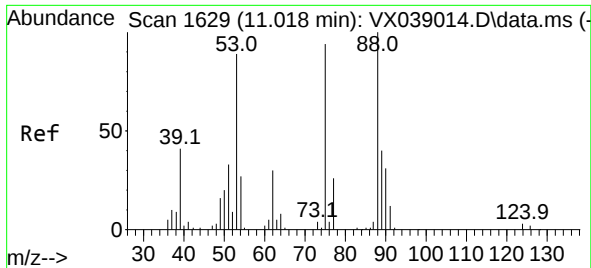
Supervised By :Mahesh
Dadoda
11/30/2023



#76
1,3,5-Trimethylbenzene
Concen: 19.395 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX039051.D
Acq: 29 Nov 2023 10:23

Tgt Ion:105 Resp: 177244
Ion Ratio Lower Upper
105 100
120 46.2 0.0 92.6





#77
t-1,4-Dichloro-2-butene
Concen: 18.591 ug/l
RT: 11.012 min Scan# 1628
Delta R.T. -0.006 min
Lab File: VX039051.D
Acq: 29 Nov 2023 10:23

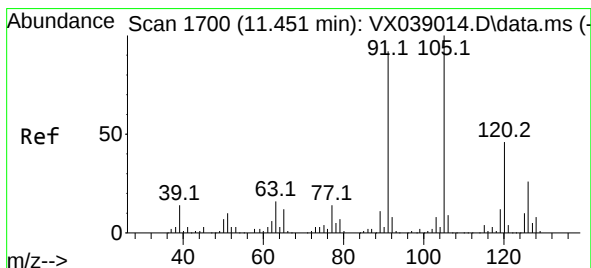
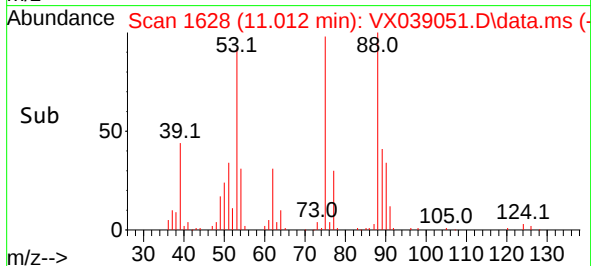
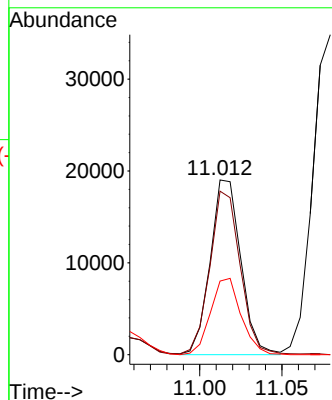
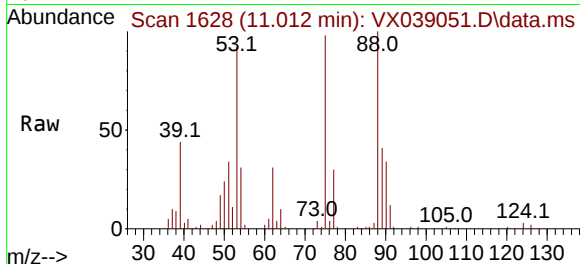
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 75 Resp: 2468
Ion Ratio Lower Upper
75 100
53 93.5 46.9 140.8
89 42.3 21.3 63.7

Manual Integrations
APPROVED

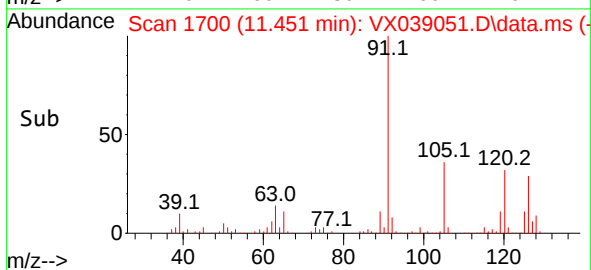
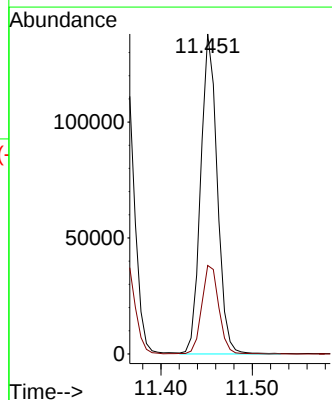
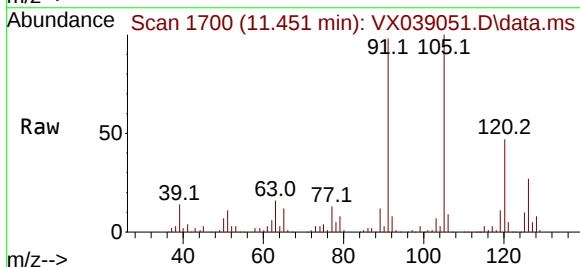
Reviewed By :John
Carlone
11/30/2023

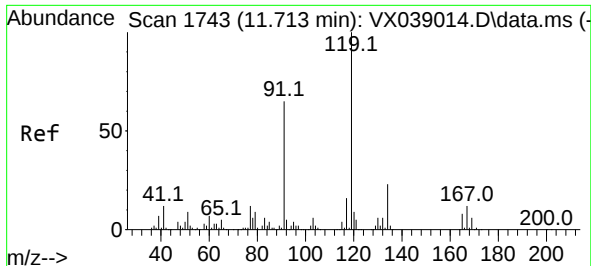
Supervised By :Mahesh
Dadoda
11/30/2023



#78
4-Chlorotoluene
Concen: 19.364 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX039051.D
Acq: 29 Nov 2023 10:23

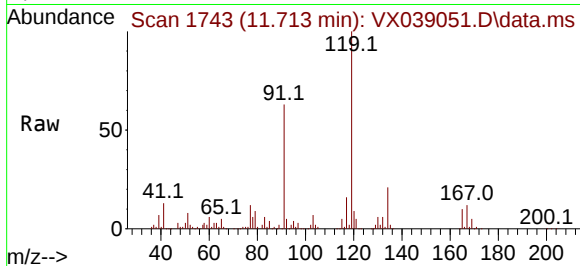
Tgt Ion: 91 Resp: 173591
Ion Ratio Lower Upper
91 100
126 28.3 0.0 57.4





#79
tert-butylbenzene
Concen: 19.588 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX039051.D
Acq: 29 Nov 2023 10:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

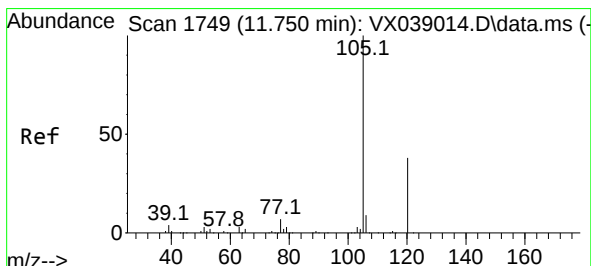
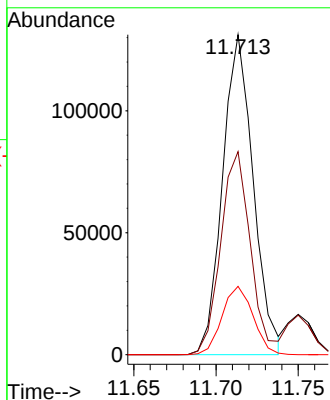
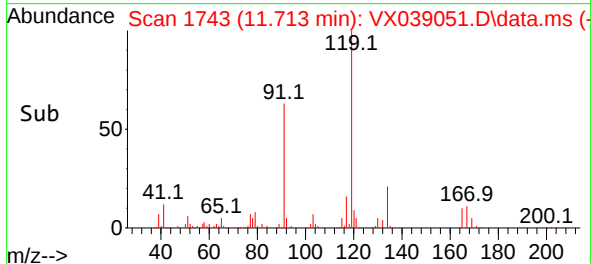


Tgt Ion:119 Resp: 17021
Ion Ratio Lower Upper
119 100
91 61.8 0.0 125.6
134 21.6 0.0 43.8

Manual Integrations
APPROVED

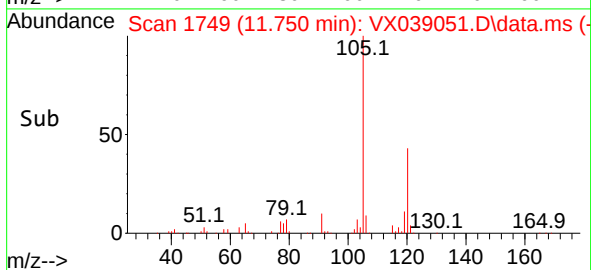
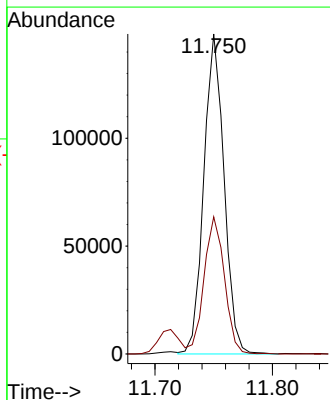
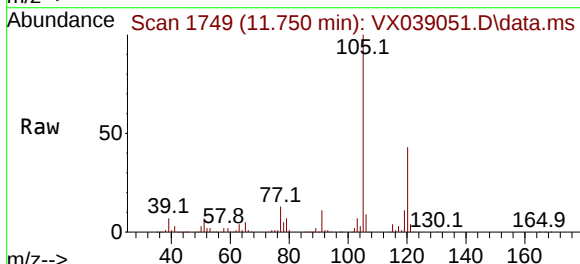
Reviewed By :John
Carlone
11/30/2023

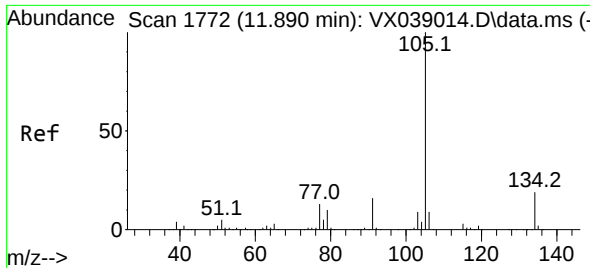
Supervised By :Mahesh
Dadoda
11/30/2023



#80
1,2,4-Trimethylbenzene
Concen: 19.377 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX039051.D
Acq: 29 Nov 2023 10:23

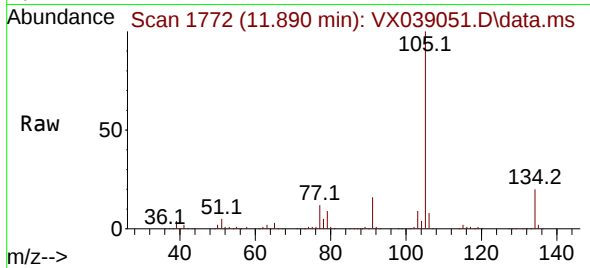
Tgt Ion:105 Resp: 177221
Ion Ratio Lower Upper
105 100
120 43.2 0.0 86.4





#81
 sec-Butylbenzene
 Concen: 19.398 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX039051.D
 Acq: 29 Nov 2023 10:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

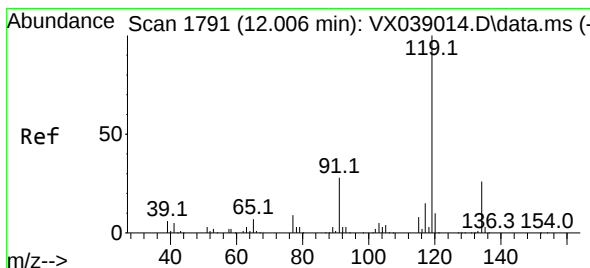
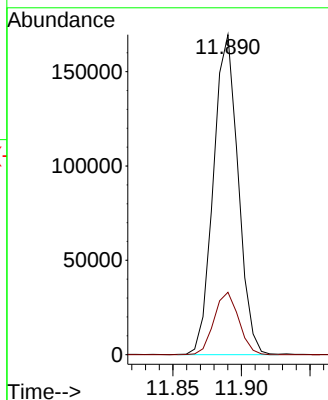


Tgt Ion:105 Resp: 213090
 Ion Ratio Lower Upper
 105 100
 134 19.5 0.0 38.4

Manual Integrations
 APPROVED

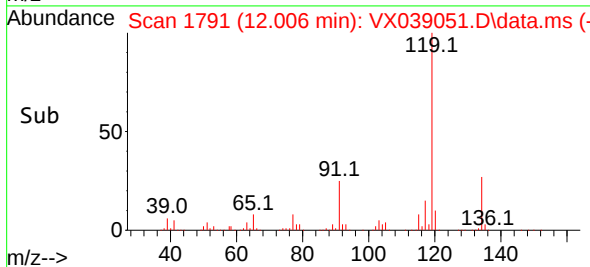
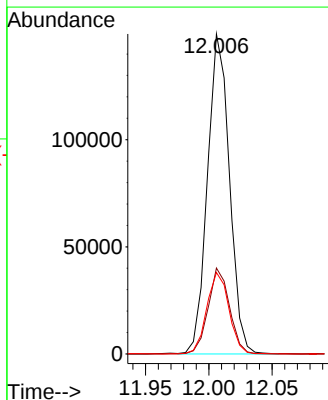
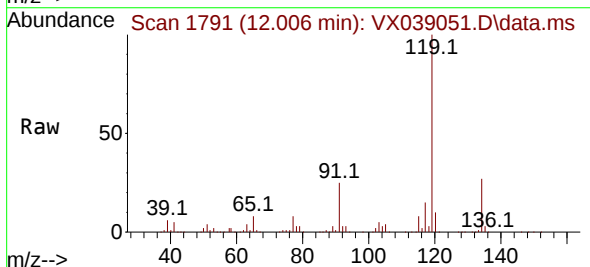
Reviewed By :John
 Carlone
 11/30/2023

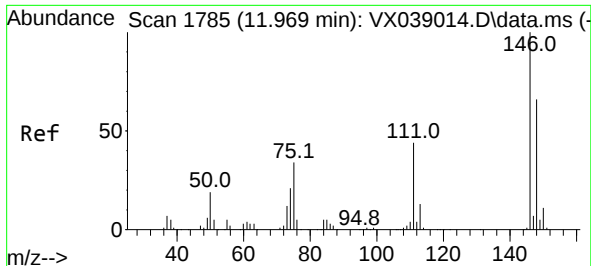
Supervised By :Mahesh
 Dadoda
 11/30/2023



#82
 p-Isopropyltoluene
 Concen: 19.411 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX039051.D
 Acq: 29 Nov 2023 10:23

Tgt Ion:119 Resp: 180719
 Ion Ratio Lower Upper
 119 100
 134 25.9 0.0 52.6
 91 25.5 0.0 54.2





#83

1,3-Dichlorobenzene

Concen: 19.177 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX039051.D

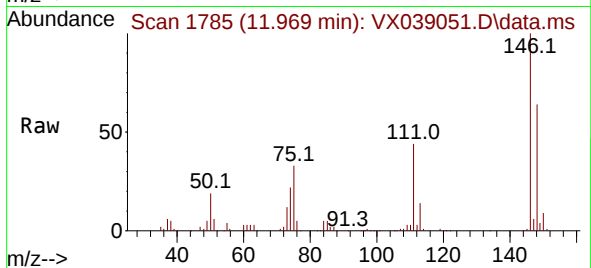
Acq: 29 Nov 2023 10:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020



Tgt Ion:146 Resp: 88635

Ion	Ratio	Lower	Upper
146	100		
111	44.3	22.3	66.9
148	64.2	32.8	98.3

Manual Integrations
APPROVED

Reviewed By :John

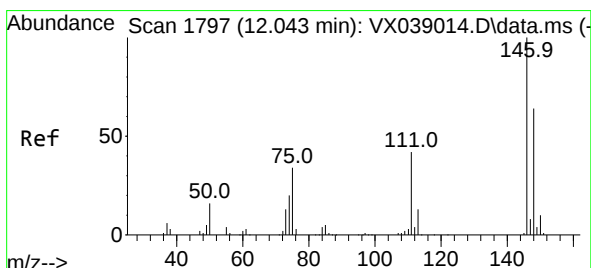
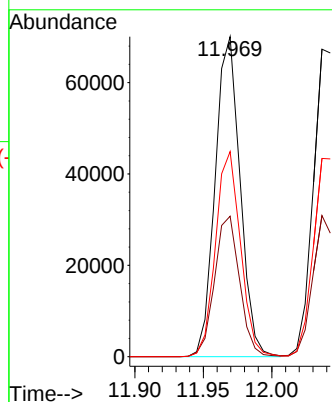
Carlone

11/30/2023

Supervised By :Mahesh

Dadoda

11/30/2023



#84

1,4-Dichlorobenzene

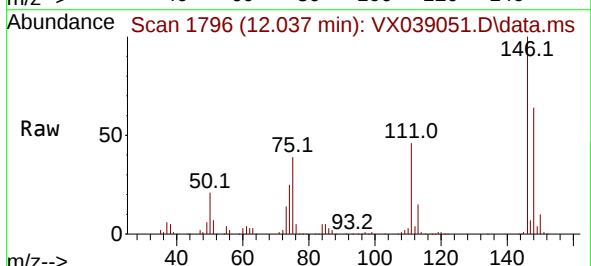
Concen: 18.983 ug/l

RT: 12.037 min Scan# 1796

Delta R.T. -0.006 min

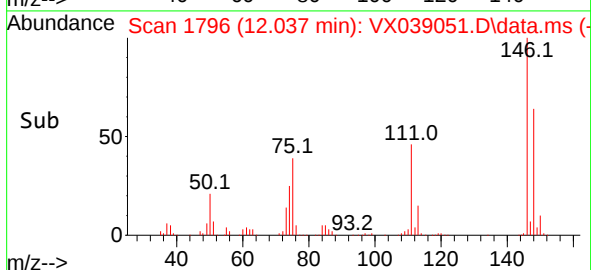
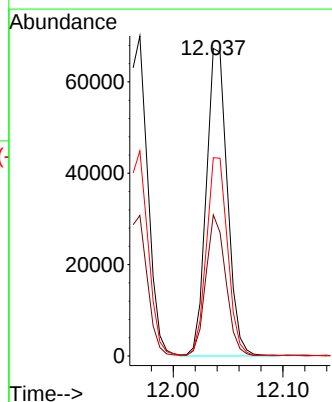
Lab File: VX039051.D

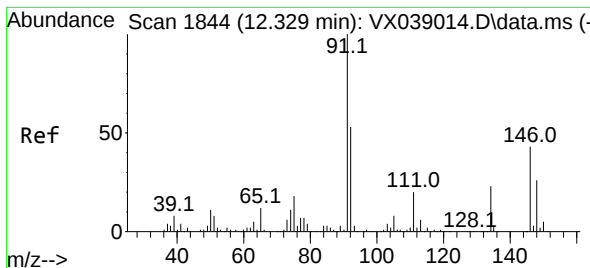
Acq: 29 Nov 2023 10:23



Tgt Ion:146 Resp: 90027

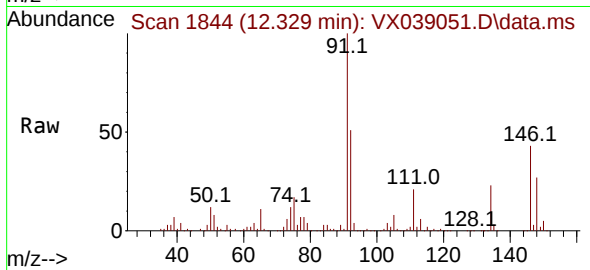
Ion	Ratio	Lower	Upper
146	100		
111	43.3	21.4	64.2
148	64.9	31.8	95.4





#85
n-Butylbenzene
Concen: 19.258 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX039051.D
Acq: 29 Nov 2023 10:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

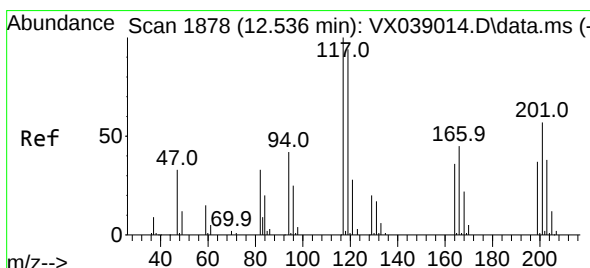
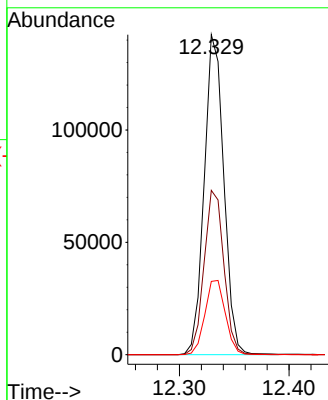
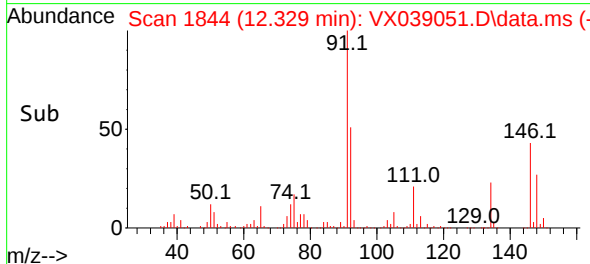


Tgt Ion: 91 Resp: 177063
Ion Ratio Lower Upper
91 100
92 51.8 0.0 106.2
134 24.2 0.0 48.8

Manual Integrations
APPROVED

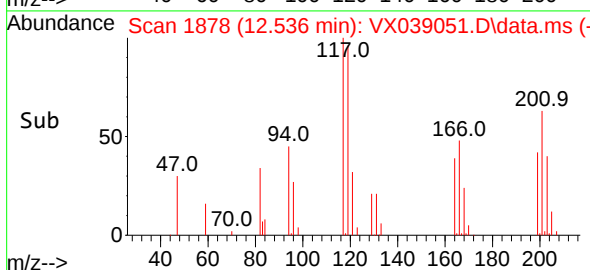
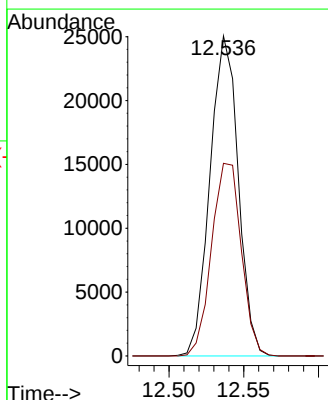
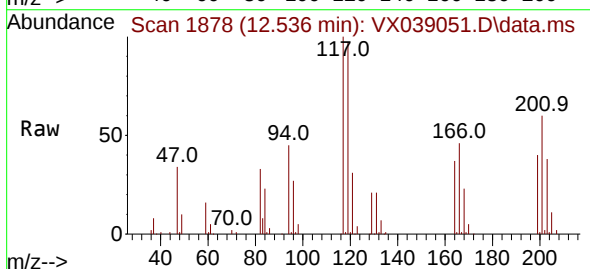
Reviewed By :John
Carlone
11/30/2023

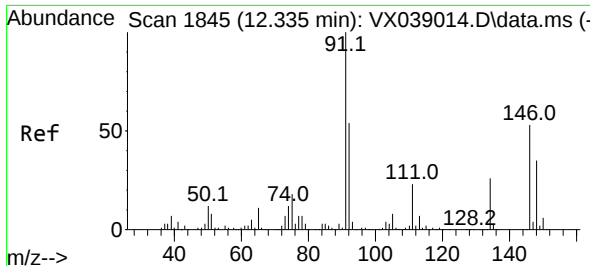
Supervised By :Mahesh
Dadoda
11/30/2023



#86
Hexachloroethane
Concen: 18.670 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX039051.D
Acq: 29 Nov 2023 10:23

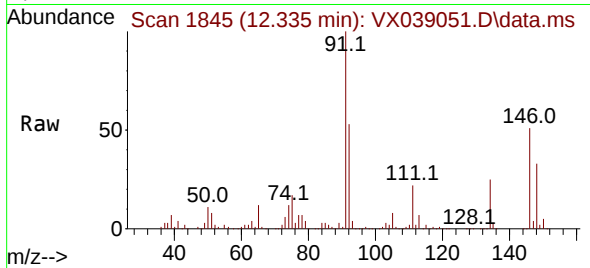
Tgt Ion:117 Resp: 32935
Ion Ratio Lower Upper
117 100
201 63.4 31.8 95.3





#87
1,2-Dichlorobenzene
Concen: 19.220 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX039051.D
Acq: 29 Nov 2023 10:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

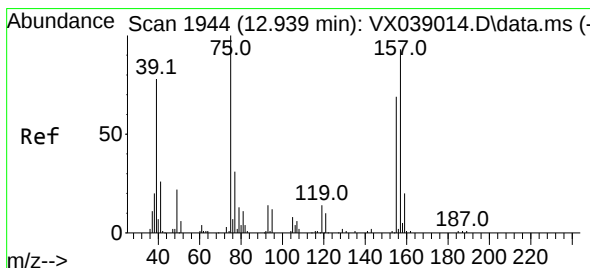
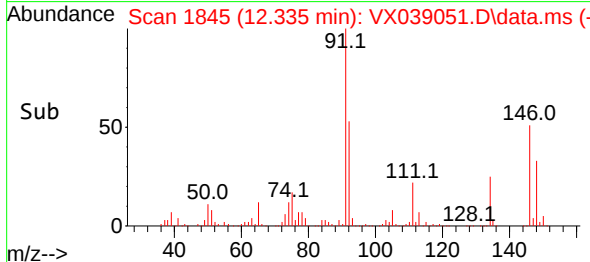
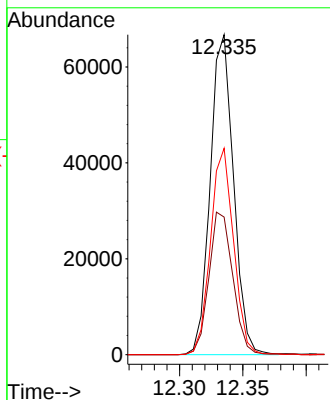


Tgt Ion:146 Resp: 8542
Ion Ratio Lower Upper
146 100
111 45.9 22.4 67.2
148 63.7 31.9 95.7

Manual Integrations
APPROVED

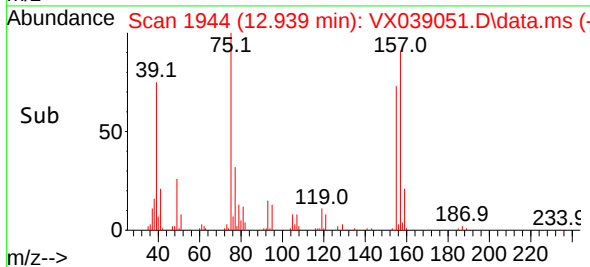
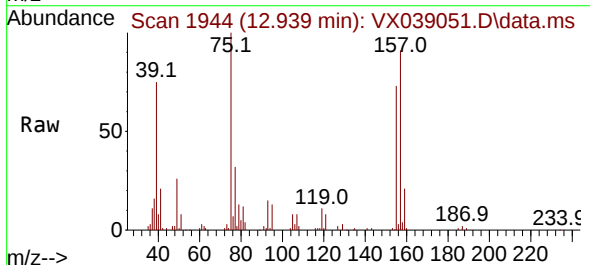
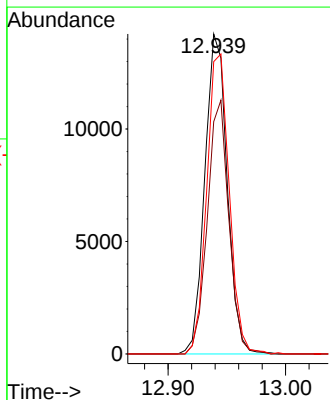
Reviewed By :John
Carlone
11/30/2023

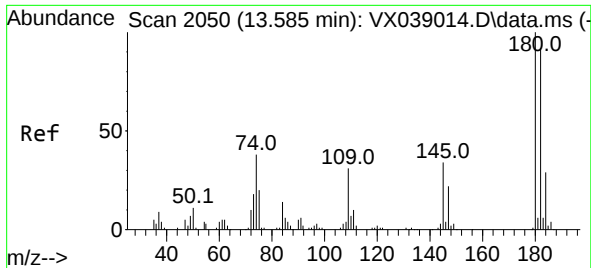
Supervised By :Mahesh
Dadoda
11/30/2023



#88
1,2-Dibromo-3-Chloropropane
Concen: 18.559 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX039051.D
Acq: 29 Nov 2023 10:23

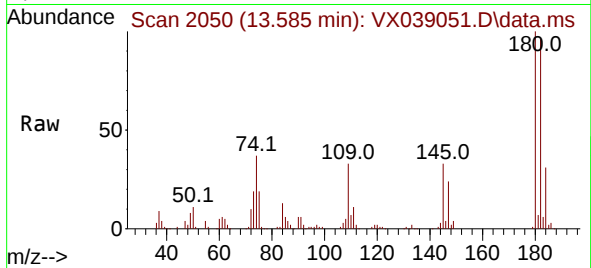
Tgt Ion: 75 Resp: 18796
Ion Ratio Lower Upper
75 100
155 76.3 58.2 87.4
157 94.3 76.5 114.7





#89
1,2,4-Trichlorobenzene
Concen: 19.158 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX039051.D
Acq: 29 Nov 2023 10:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

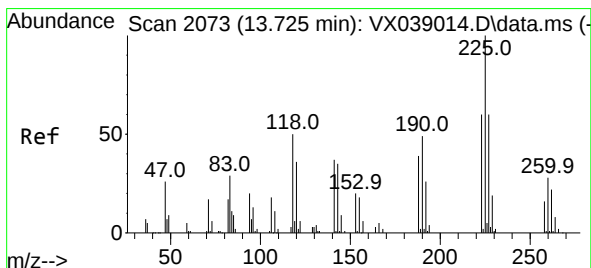
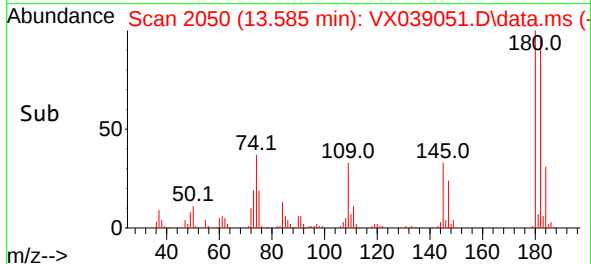
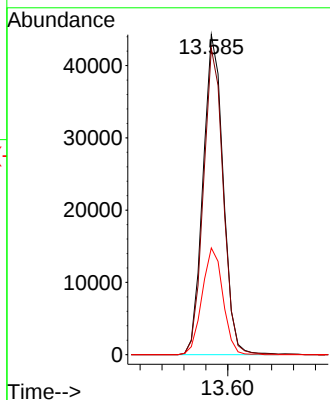


Tgt Ion:180 Resp: 56454
Ion Ratio Lower Upper
180 100
182 94.3 74.5 111.7
145 34.4 26.6 40.0

Manual Integrations
APPROVED

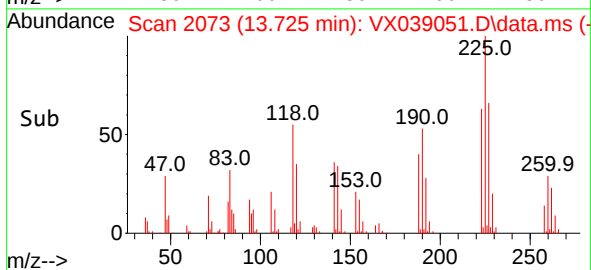
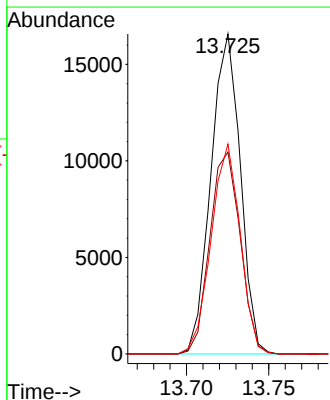
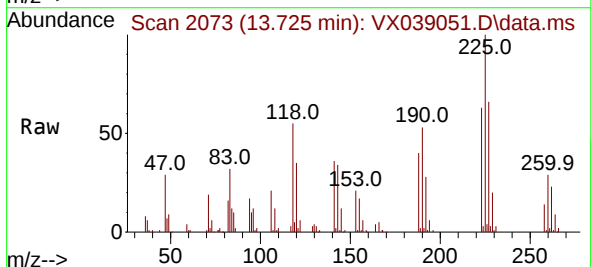
Reviewed By :John
Carlone
11/30/2023

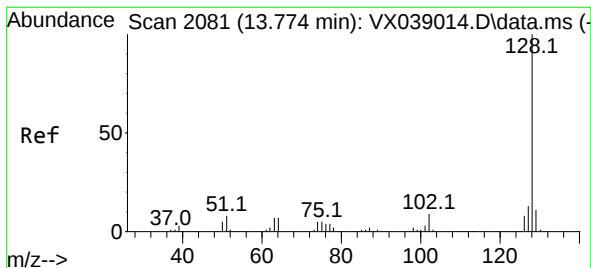
Supervised By :Mahesh
Dadoda
11/30/2023



#90
Hexachlorobutadiene
Concen: 19.581 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX039051.D
Acq: 29 Nov 2023 10:23

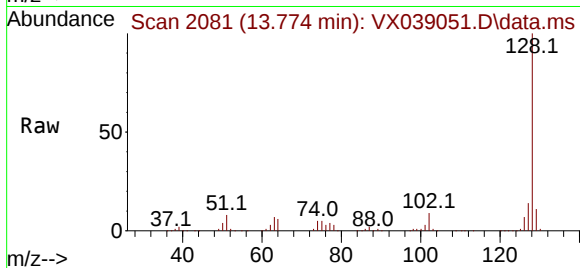
Tgt Ion:225 Resp: 20602
Ion Ratio Lower Upper
225 100
223 65.2 0.0 124.4
227 65.0 0.0 124.4





#91
Naphthalene
Concen: 18.393 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX039051.D
Acq: 29 Nov 2023 10:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

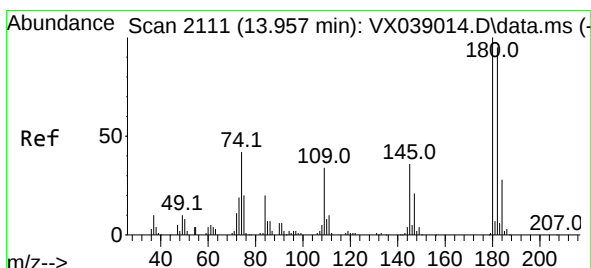
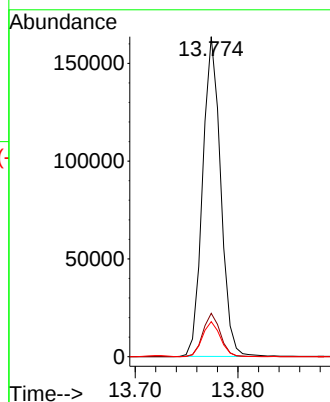
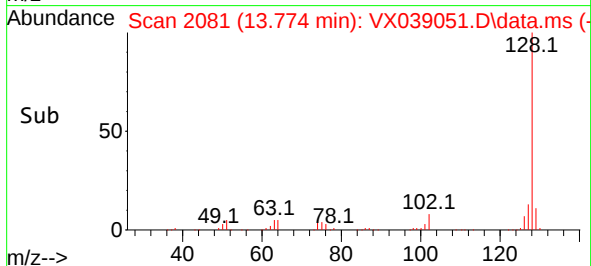


Tgt Ion:128 Resp: 19988
Ion Ratio Lower Upper
128 100
127 13.1 10.2 15.2
129 11.0 8.6 12.8

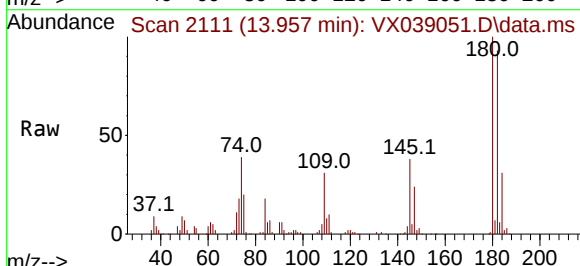
Manual Integrations
APPROVED

Reviewed By :John
Carlone
11/30/2023

Supervised By :Mahesh
Dadoda
11/30/2023



#92
1,2,3-Trichlorobenzene
Concen: 19.489 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX039051.D
Acq: 29 Nov 2023 10:23



Tgt Ion:180 Resp: 55625
Ion Ratio Lower Upper
180 100
182 91.8 0.0 191.6
145 35.4 0.0 69.6

