

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031424\
 Data File : VX040638.D
 Acq On : 14 Mar 2024 16:05
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Quant Time: Mar 15 05:43:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X030524W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Mar 05 13:21:29 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John
 Carlone
 03/15/2024

Supervised By :Mahesh
 Dadoda
 03/15/2024

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

Internal Standards						
1) Bromochloromethane	4.891	128	16167	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.751	114	90827	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.049	117	75548	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	48367	29.955	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 99.833%			
60) 4-Bromofluorobenzene	11.079	95	43637	33.674	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 112.233%#			
63) Toluene-d8	8.647	98	113738	34.067	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 113.567%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	20113	18.343	ug/l	99
3) Chloromethane	1.294	50	19743	17.573	ug/l	95
4) Vinyl Chloride	1.374	62	20930	17.238	ug/l	96
5) Bromomethane	1.605	94	15456	20.842	ug/l	94
6) Chloroethane	1.685	64	14368	20.141	ug/l	97
7) Trichlorofluoromethane	1.886	101	38278	20.706	ug/l	97
8) Diethyl Ether	2.130	74	11848	18.876	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.331	101	20278	20.025	ug/l	94
10) 1,1-Dichloroethene	2.319	96	18805	19.506	ug/l	97
11) Methyl Iodide	2.447	142	22133	18.981	ug/l	92
12) Methyl Acetate	2.703	43	32403	20.404	ug/l	100
13) Acrolein	2.233	56	30092	100.511	ug/l	99
14) Acrylonitrile	3.056	53	58126	92.951	ug/l	98
15) Acetone	2.373	58	14486	81.041	ug/l #	63
16) Carbon Disulfide	2.514	76	48437	18.281	ug/l	96
17) Allyl chloride	2.660	41	33813	19.005	ug/l	90
18) Methylene Chloride	2.788	84	21530	19.560	ug/l	96
19) trans-1,2-Dichloroethene	3.087	96	20025	19.025	ug/l	96
20) Diisopropyl ether	3.757	45	68489	19.249	ug/l	90
21) 1,1-Dichloroethane	3.605	63	39563	19.323	ug/l	99
22) cis-1,2-Dichloroethene	4.483	96	24390	19.954	ug/l	98
23) tert-Butyl Alcohol	2.947	59	24517	82.979	ug/l #	100
24) Methyl tert-Butyl Ether	3.105	73	69598	19.561	ug/l	95
25) Chloroform	5.086	83	44048	19.656	ug/l	92
26) Cyclohexane	5.464	56	31107	18.825	ug/l #	98
29) 1,1-Dichloropropene	5.690	75	31389	19.966	ug/l	97
30) 2-Butanone	4.544	43	84811	88.404	ug/l	98
31) 2,2-Dichloropropane	4.471	77	32548	19.182	ug/l	95
32) 1,1,1-Trichloroethane	5.373	97	40394	20.391	ug/l	98
33) Carbon Tetrachloride	5.666	117	31912	19.146	ug/l	96
34) Benzene	6.031	78	82816	19.513	ug/l	95
35) Methacrylonitrile	4.904	41	18827	19.116	ug/l	91
36) 1,2-Dichloroethane	6.080	62	38686	19.715	ug/l	95
37) Trichloroethene	7.123	130	22267	19.524	ug/l	93
38) Methylcyclohexane	7.379	83	32300	19.080	ug/l	95
39) 1,2-Dichloropropane	7.427	63	21059	19.488	ug/l	98
40) Dibromomethane	7.574	93	16767	19.751	ug/l	93
41) Bromodichloromethane	7.818	83	34225	20.265	ug/l #	98
42) Vinyl Acetate	3.715	43	309648	93.745	ug/l	99

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Manual Integrations
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Reviewed By :John
 Carlone
 03/15/2024

Supervised By :Mahesh
 Dadoda
 03/15/2024

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.708	43	34686	19.198	ug/l	99
44) Isopropyl Acetate	6.330	43	54331	18.838	ug/l	96
45) 1,4-Dioxane	7.653	88	9682	326.586	ug/l	97
46) Methyl methacrylate	7.690	41	27809	19.413	ug/l	97
47) n-amyl Acetate	10.841	43	42408	17.061	ug/l	98
48) t-1,3-Dichloropropene	8.976	75	34645	19.409	ug/l	94
49) cis-1,3-Dichloropropene	8.360	75	35449	19.495	ug/l #	88
50) 1,1,2-Trichloroethane	9.147	97	22835	20.251	ug/l	97
51) Ethyl methacrylate	9.110	69	33854	19.070	ug/l	94
52) 1,3-Dichloropropane	9.305	76	38390	19.952	ug/l	99
53) Dibromochloromethane	9.519	129	24983	19.435	ug/l	99
54) 1,2-Dibromoethane	9.604	107	24459	19.603	ug/l	100
55) 2-Chloroethyl vinyl ether	8.238	63	99827	110.422	ug/l	99
56) Bromoform	10.799	173	16472	18.066	ug/l #	97
58) 4-Methyl-2-Pentanone	8.568	43	183460	109.055	ug/l	99
59) 2-Hexanone	9.427	43	141552	104.172	ug/l	97
61) Tetrachloroethene	9.269	164	21011	23.432	ug/l	93
62) Toluene	8.714	91	94441	22.697	ug/l	98
64) Chlorobenzene	10.073	112	51964	20.433	ug/l	98
65) 1,1,1,2-Tetrachloroethane	10.159	131	19320	19.918	ug/l	96
66) Ethyl Benzene	10.189	91	95138	19.831	ug/l	100
67) m/p-Xylenes	10.299	106	72912	41.156	ug/l	99
68) o-Xylene	10.640	106	34280	20.100	ug/l	96
69) Styrene	10.653	104	58956	20.575	ug/l	98
70) Isopropylbenzene	10.957	105	96936	21.035	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.207	83	35911	22.229	ug/l	99
72) 1,2,3-Trichloropropane	11.238	75	32685m	22.486	ug/l	
73) Bromobenzene	11.195	156	24939	22.860	ug/l	96
74) n-propylbenzene	11.305	91	130277	22.890	ug/l	100
75) 2-Chlorotoluene	11.360	91	77489	22.943	ug/l	98
76) 1,3,5-Trimethylbenzene	11.451	105	91897	22.651	ug/l	98
77) t-1,4-Dichloro-2-butene	11.018	75	9237	20.447	ug/l	88
78) 4-Chlorotoluene	11.451	91	92341	22.918	ug/l	96
79) tert-butylbenzene	11.713	119	86212	22.767	ug/l	97
80) 1,2,4-Trimethylbenzene	11.750	105	90447	22.627	ug/l	99
81) sec-Butylbenzene	11.890	105	113098	22.622	ug/l	99
82) p-Isopropyltoluene	12.006	119	90820	22.193	ug/l	98
83) 1,3-Dichlorobenzene	11.969	146	48823	23.000	ug/l	97
84) 1,4-Dichlorobenzene	12.036	146	48411	22.301	ug/l	100
85) n-Butylbenzene	12.329	91	86576	21.742	ug/l	98
86) Hexachloroethane	12.536	117	15423	21.599	ug/l	88
87) 1,2-Dichlorobenzene	12.335	146	46146	22.371	ug/l	100
88) 1,2-Dibromo-3-Chloropr...	12.939	75	9664	22.372	ug/l	94
89) 1,2,4-Trichlorobenzene	13.585	180	30234	21.768	ug/l	98
90) Hexachlorobutadiene	13.725	225	12107	21.558	ug/l	98
91) Naphthalene	13.774	128	97336	21.485	ug/l	99
92) 1,2,3-Trichlorobenzene	13.963	180	30012	21.915	ug/l	99

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

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Reviewed By :John

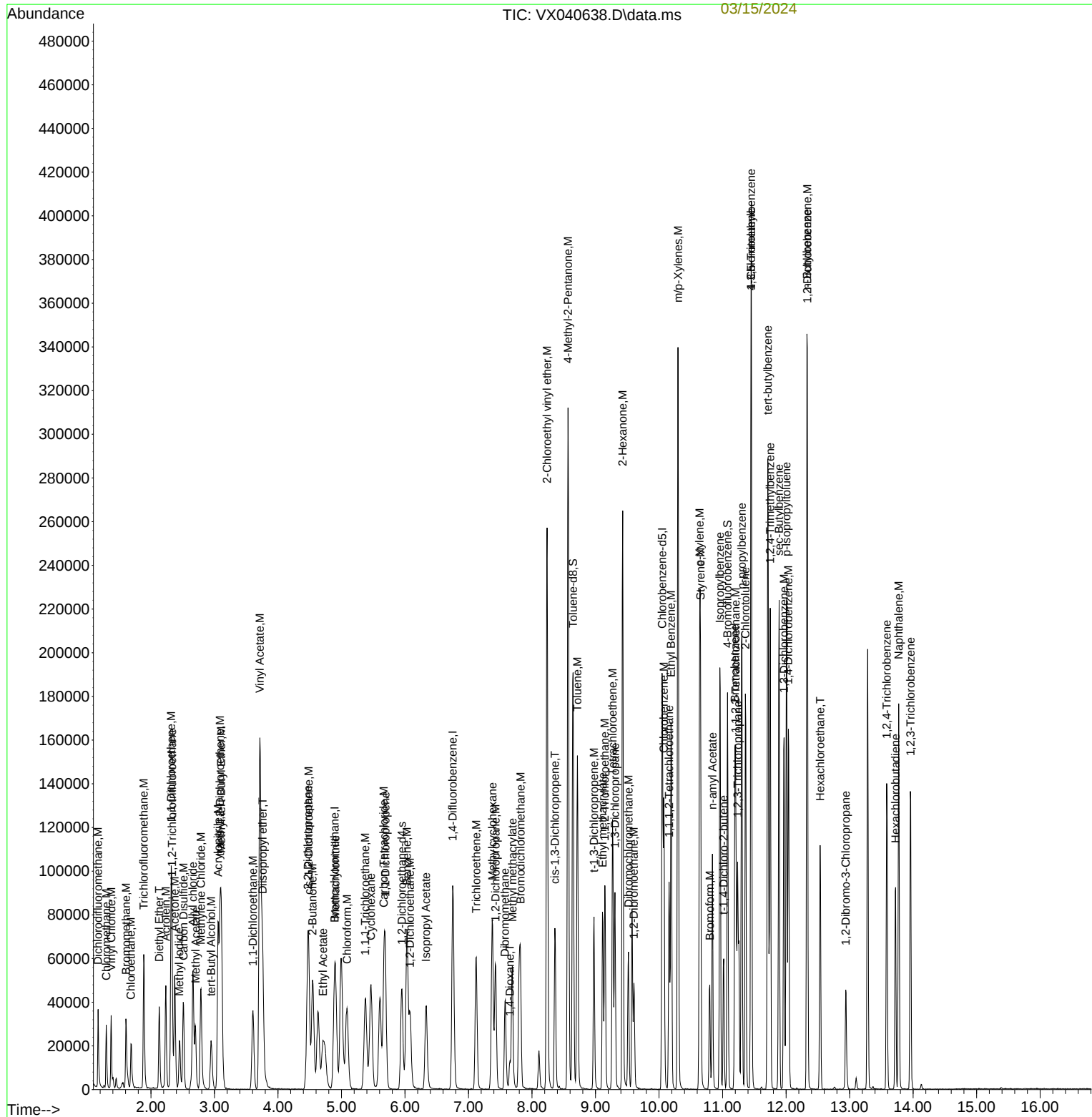
Carlone

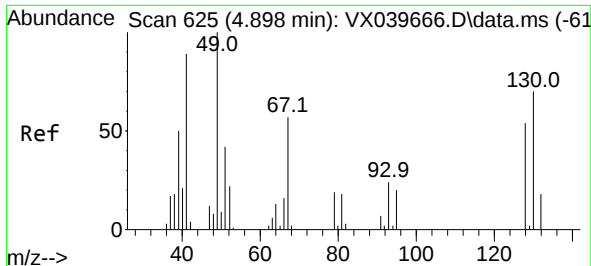
03/15/2024

Supervised By :Mahesh

Dadoda

03/15/2024





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.891 min Scan# 61
Delta R.T. -0.007 min
Lab File: VX040638.D
Acq: 14 Mar 2024 16:05

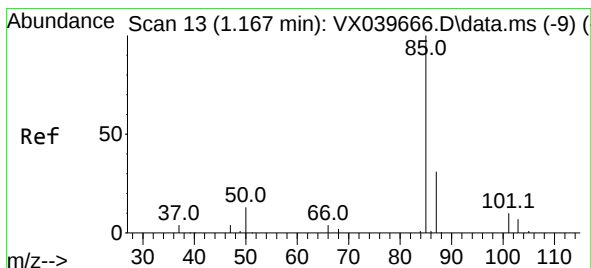
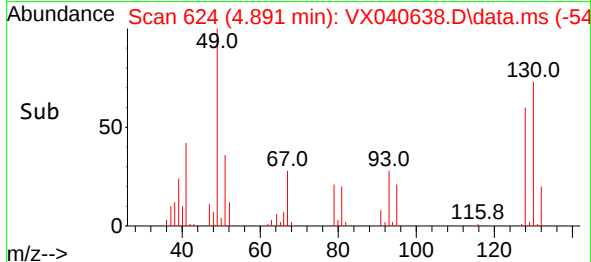
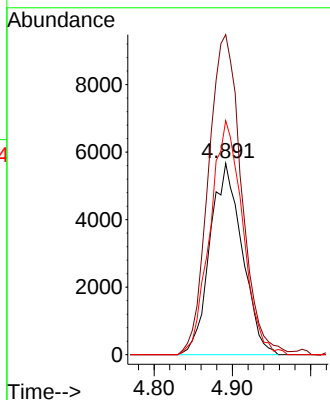
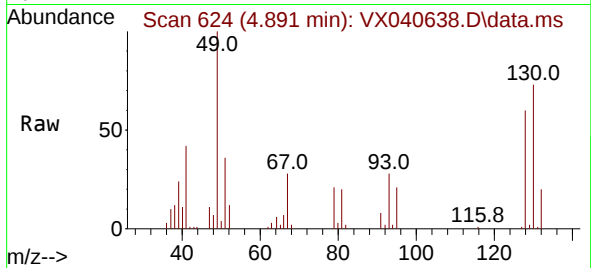
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion:128 Resp: 1616
Ion Ratio Lower Upper
128 100
49 171.9 0.0 444.0
130 123.3 0.0 297.8

Manual Integrations
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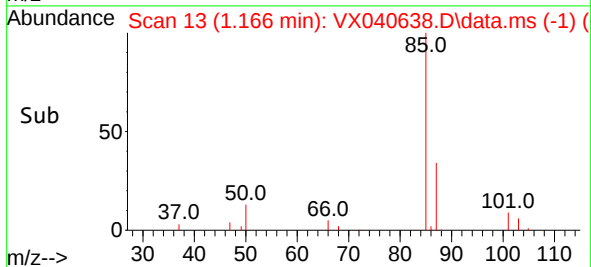
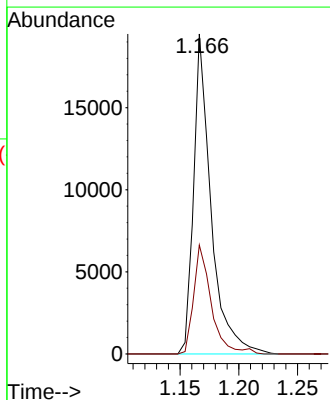
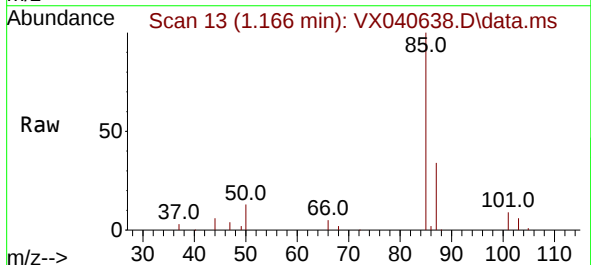
Reviewed By :John
Carlone
03/15/2024

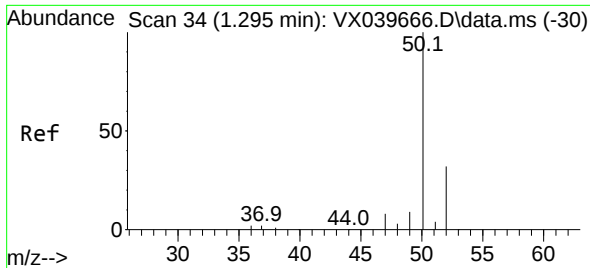
Supervised By :Mahesh
Dadoda
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#2
Dichlorodifluoromethane
Concen: 18.343 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.001 min
Lab File: VX040638.D
Acq: 14 Mar 2024 16:05

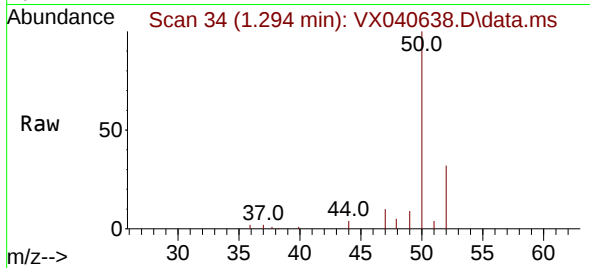
Tgt Ion: 85 Resp: 20113
Ion Ratio Lower Upper
85 100
87 34.0 16.7 50.1





#3
Chloromethane
Concen: 17.573 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.001 min
Lab File: VX040638.D
Acq: 14 Mar 2024 16:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

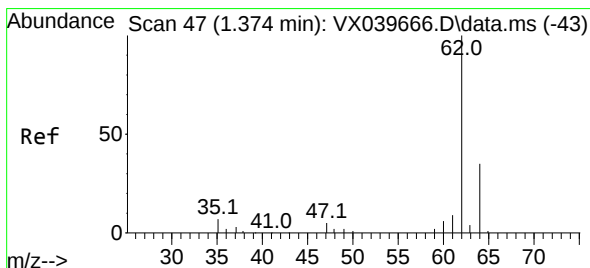
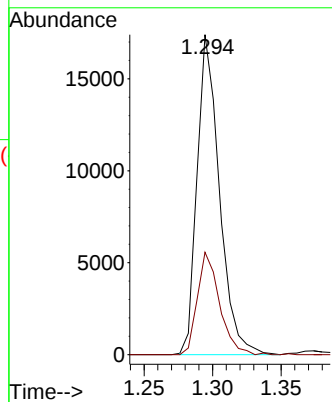
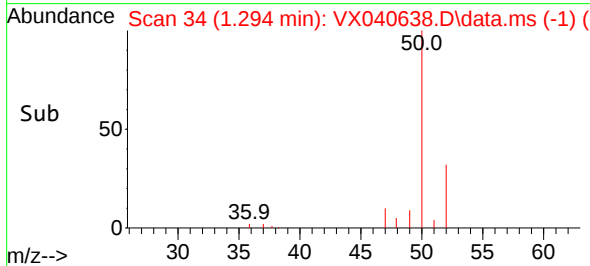


Tgt Ion: 50 Resp: 1974
Ion Ratio Lower Upper
50 100
52 32.0 27.8 41.8

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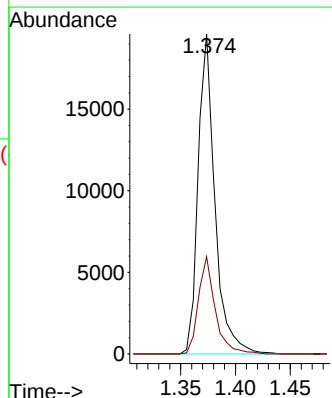
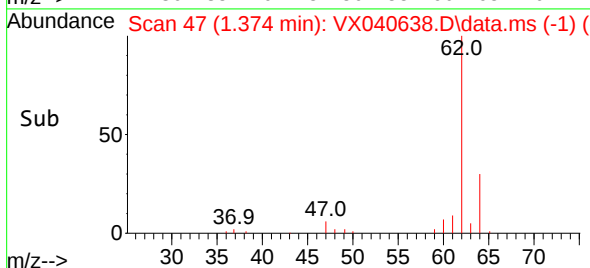
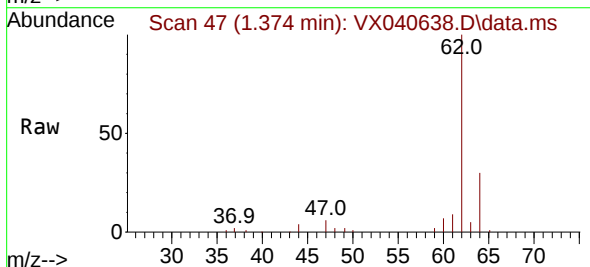
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Carlone
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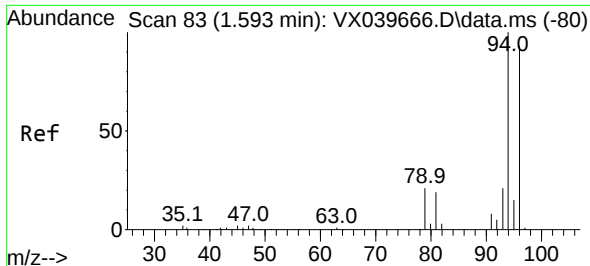
Supervised By :Mahesh
Dadoda
03/15/2024



#4
Vinyl Chloride
Concen: 17.238 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX040638.D
Acq: 14 Mar 2024 16:05

Tgt Ion: 62 Resp: 20930
Ion Ratio Lower Upper
62 100
64 30.4 26.3 39.5





#5
Bromomethane
Concen: 20.842 ug/l
RT: 1.605 min Scan# 81
Delta R.T. 0.012 min
Lab File: VX040638.D
Acq: 14 Mar 2024 16:05

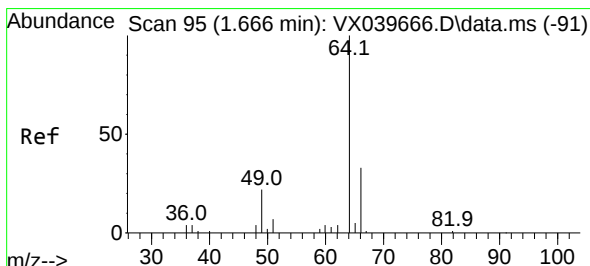
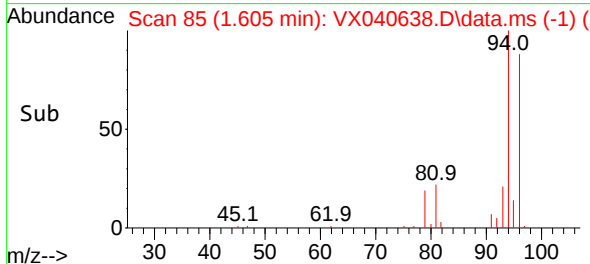
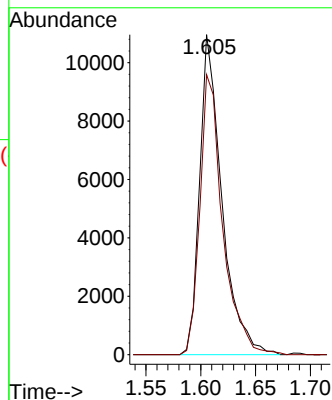
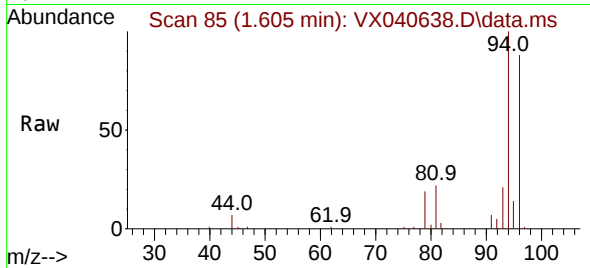
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 94 Resp: 15456
Ion Ratio Lower Upper
94 100
96 87.5 74.9 112.3

Manual Integrations
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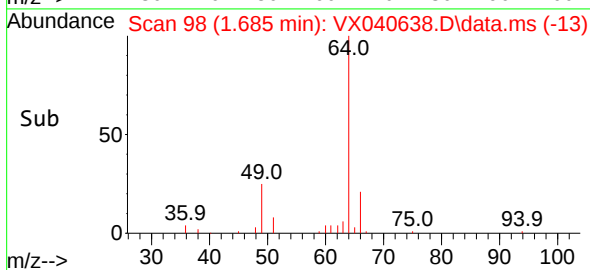
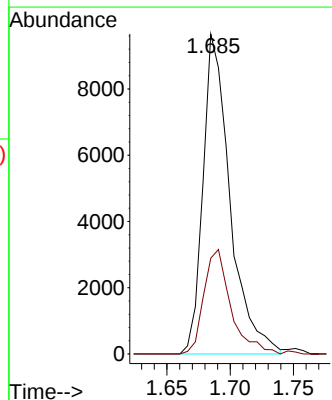
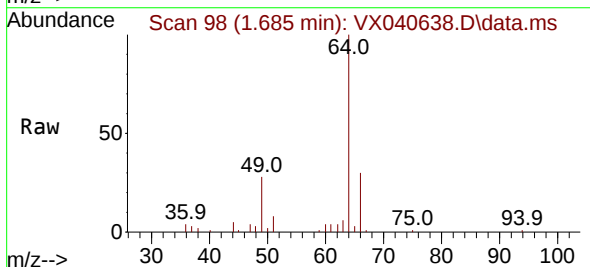
Reviewed By :John
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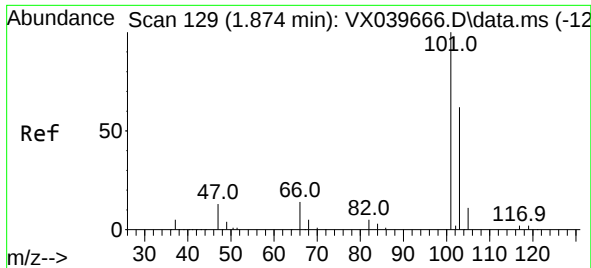
Supervised By :Mahesh
Dadoda
03/15/2024



#6
Chloroethane
Concen: 20.141 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.019 min
Lab File: VX040638.D
Acq: 14 Mar 2024 16:05

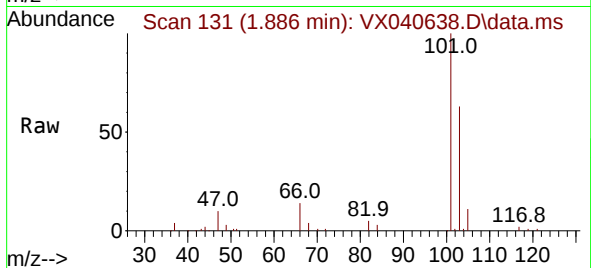
Tgt Ion: 64 Resp: 14368
Ion Ratio Lower Upper
64 100
66 29.9 25.0 37.6





#7
 Trichlorofluoromethane
 Concen: 20.706 ug/l
 RT: 1.886 min Scan# 11
 Delta R.T. 0.012 min
 Lab File: VX040638.D
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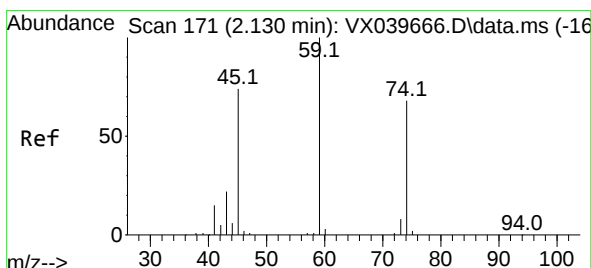
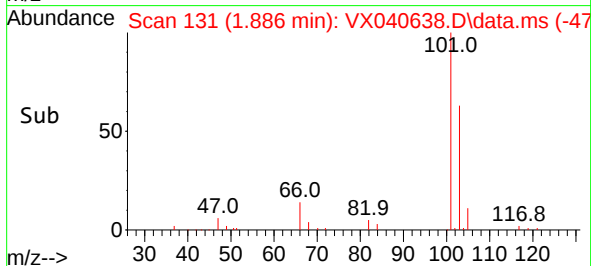
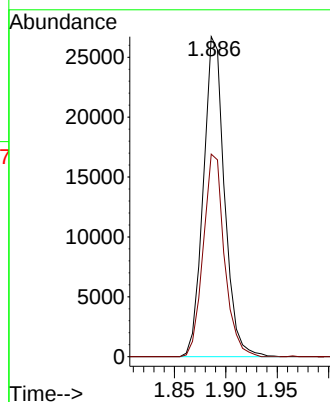


Tgt Ion:101 Resp: 38278
 Ion Ratio Lower Upper
 101 100
 103 63.3 49.1 73.7

Manual Integrations
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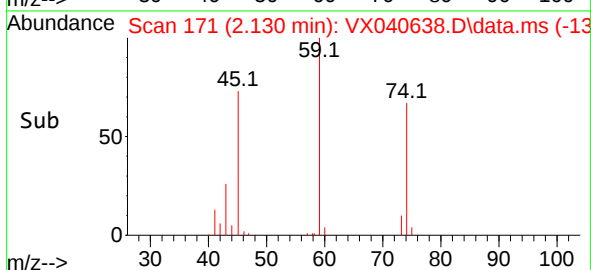
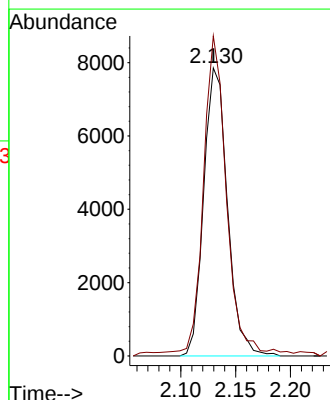
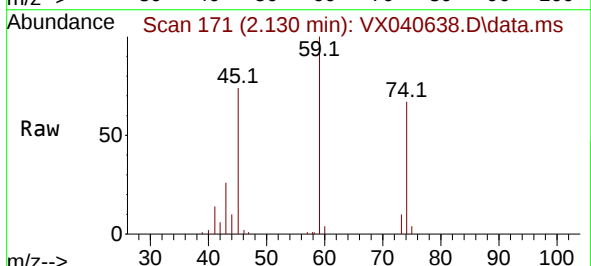
Reviewed By :John
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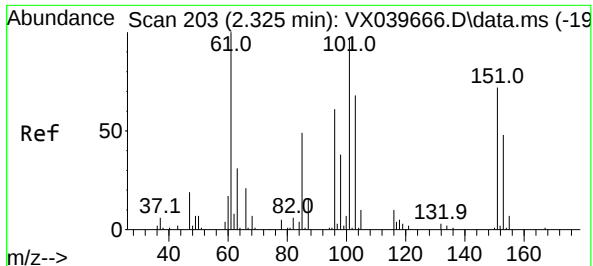
Supervised By :Mahesh
 Dadoda
 03/15/2024



#8
 Diethyl Ether
 Concen: 18.876 ug/l
 RT: 2.130 min Scan# 171
 Delta R.T. -0.000 min
 Lab File: VX040638.D
 Acq: 14 Mar 2024 16:05

Tgt Ion: 74 Resp: 11848
 Ion Ratio Lower Upper
 74 100
 45 106.4 20.5 184.5





#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.025 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.006 min
Lab File: VX040638.D
Acq: 14 Mar 2024 16:05

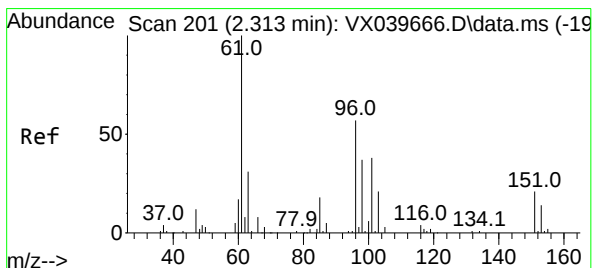
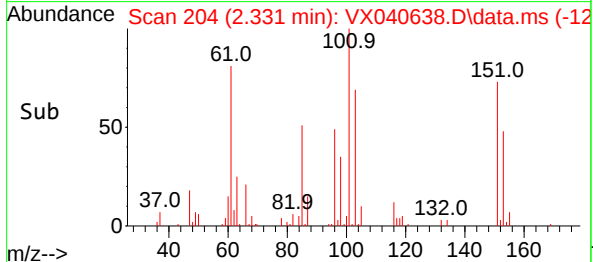
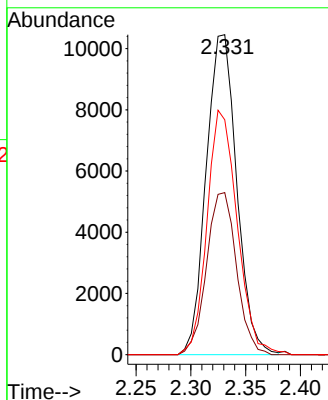
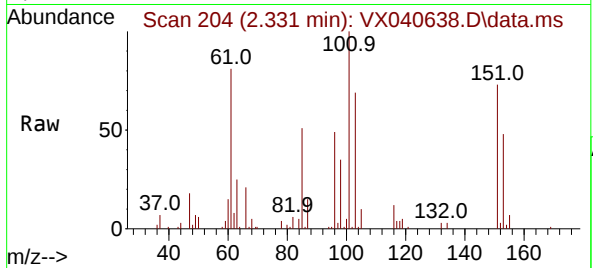
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion:101 Resp: 20278
Ion Ratio Lower Upper
101 100
85 49.5 0.0 95.2
151 75.5 0.0 136.8

Manual Integrations
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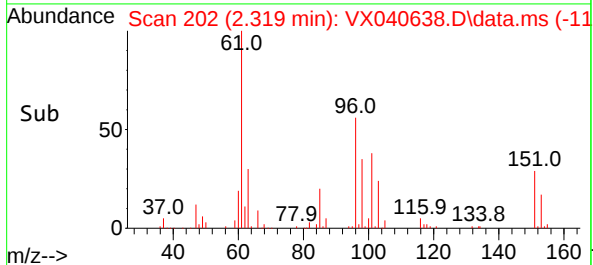
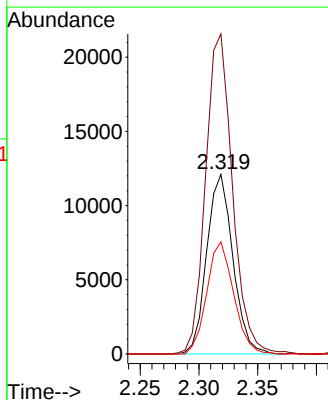
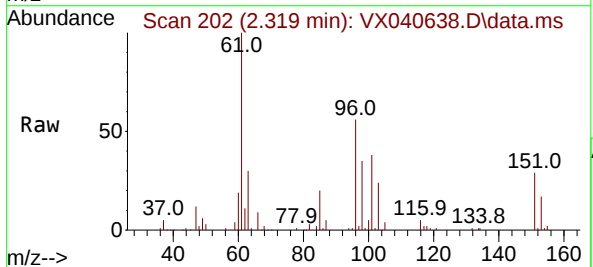
Reviewed By :John
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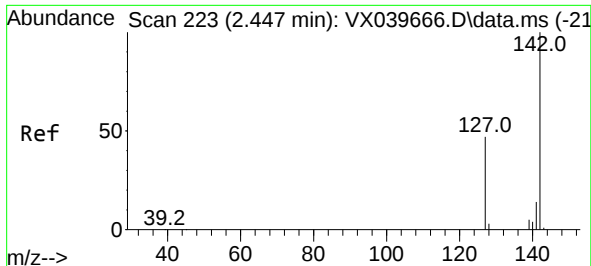
Supervised By :Mahesh
Dadoda
03/15/2024



#10
1,1-Dichloroethene
Concen: 19.506 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.006 min
Lab File: VX040638.D
Acq: 14 Mar 2024 16:05

Tgt Ion: 96 Resp: 18805
Ion Ratio Lower Upper
96 100
61 177.6 138.3 207.5
98 62.4 49.8 74.6





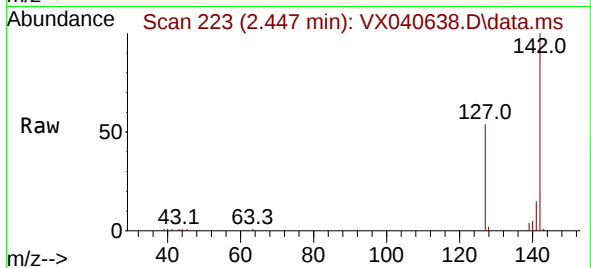
#11
Methyl Iodide
Concen: 18.981 ug/l
RT: 2.447 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX040638.D
Acq: 14 Mar 2024 16:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC



Tgt Ion:142 Resp: 2213
Ion Ratio Lower Upper
142 100
127 54.1 23.8 71.4
141 15.4 6.9 20.6

Manual Integrations

APPROVED

Reviewed By :John

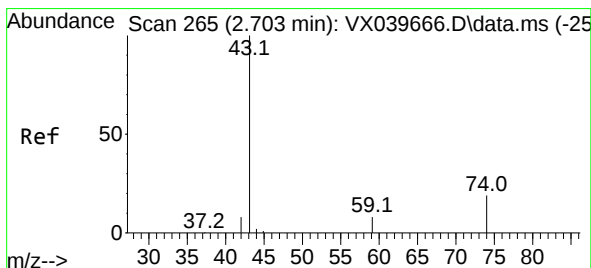
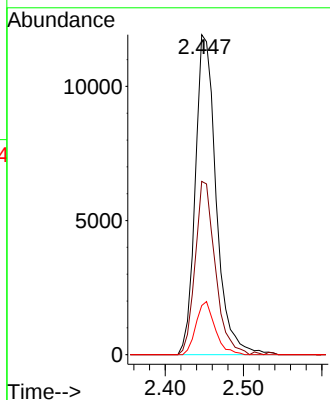
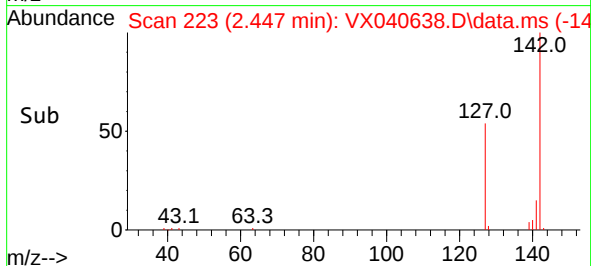
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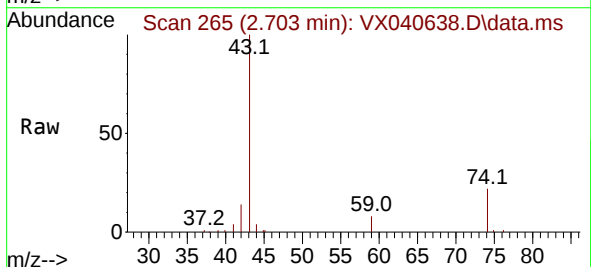
Supervised By :Mahesh

Dadoda

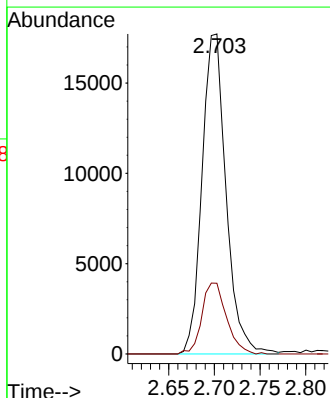
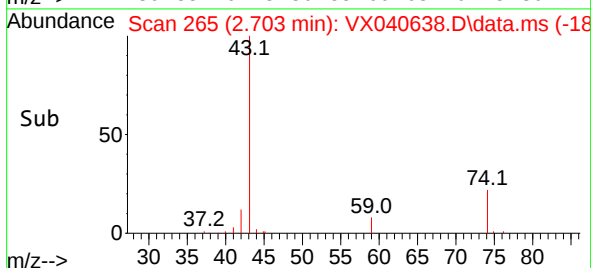
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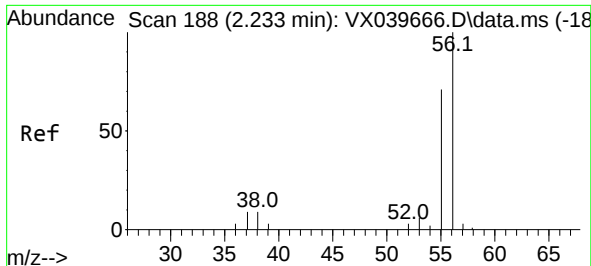


#12
Methyl Acetate
Concen: 20.404 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX040638.D
Acq: 14 Mar 2024 16:05



Tgt Ion: 43 Resp: 32403
Ion Ratio Lower Upper
43 100
74 22.2 17.8 26.6





#13

Acrolein

Concen: 100.511 ug/l

RT: 2.233 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX040638.D

Acq: 14 Mar 2024 16:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 56 Resp: 3009

Ion Ratio Lower Upper

56 100

55 72.1 57.2 85.8

Manual Integrations

APPROVED

Reviewed By :John

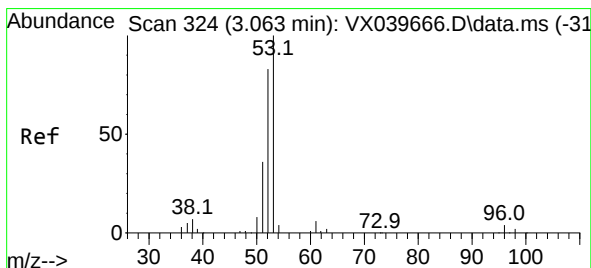
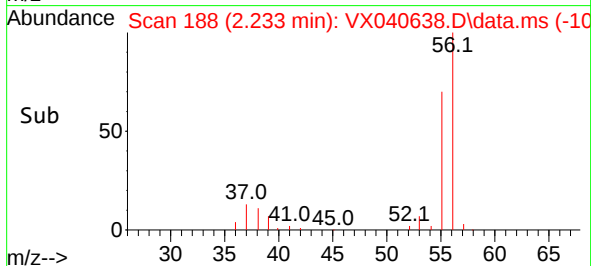
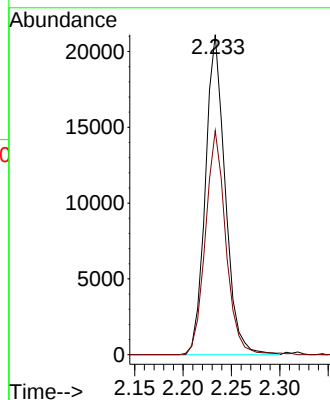
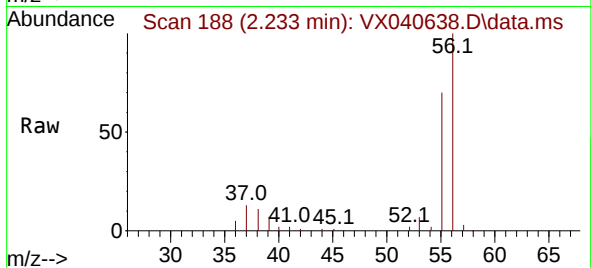
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#14

Acrylonitrile

Concen: 92.951 ug/l

RT: 3.056 min Scan# 323

Delta R.T. -0.007 min

Lab File: VX040638.D

Acq: 14 Mar 2024 16:05

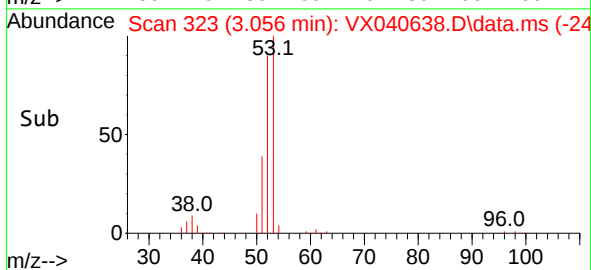
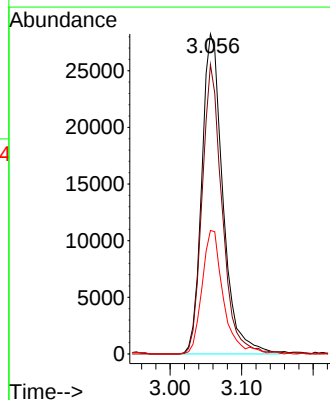
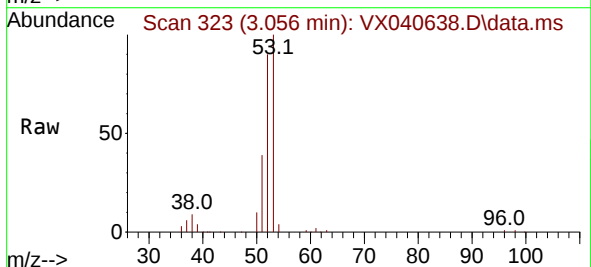
Tgt Ion: 53 Resp: 58126

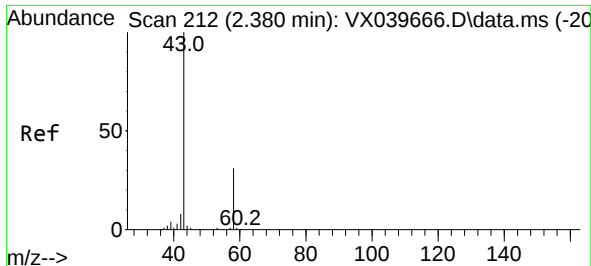
Ion Ratio Lower Upper

53 100

52 85.1 41.9 125.6

51 37.6 18.3 54.9





#15

Acetone

Concen: 81.041 ug/l

RT: 2.373 min Scan# 211

Delta R.T. -0.006 min

Lab File: VX040638.D

Acq: 14 Mar 2024 16:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 58 Resp: 14480

Ion Ratio Lower Upper

58 100

43 387.5 249.9 374.9

Manual Integrations

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Reviewed By :John

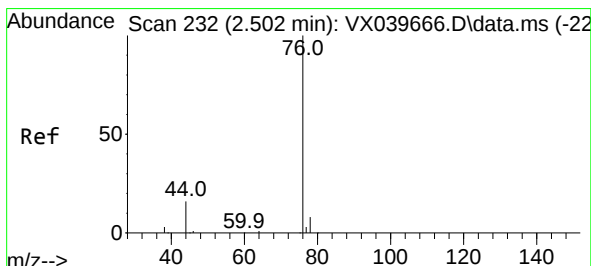
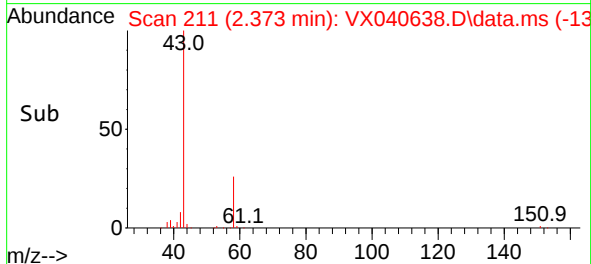
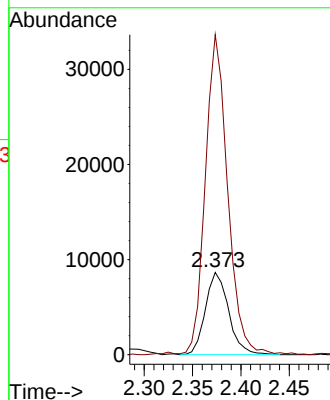
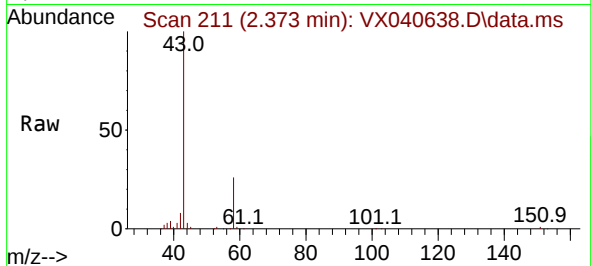
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#16

Carbon Disulfide

Concen: 18.281 ug/l

RT: 2.514 min Scan# 234

Delta R.T. 0.012 min

Lab File: VX040638.D

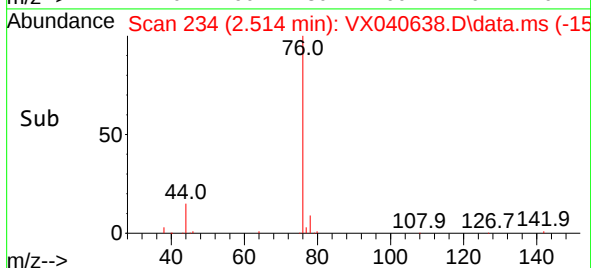
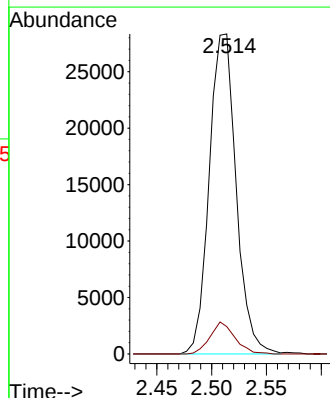
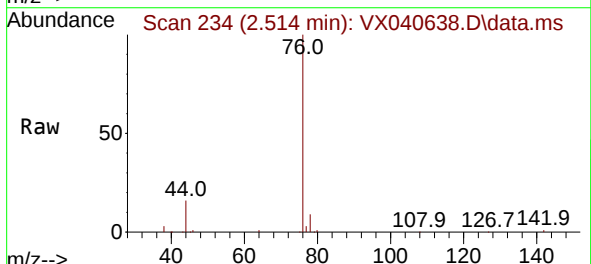
Acq: 14 Mar 2024 16:05

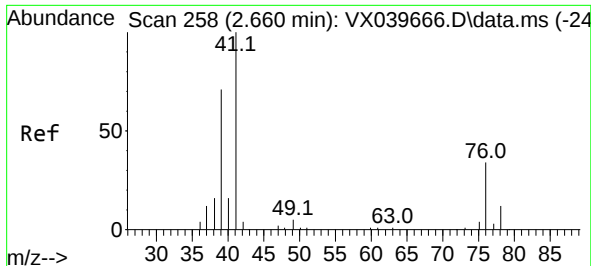
Tgt Ion: 76 Resp: 48437

Ion Ratio Lower Upper

76 100

78 8.5 8.0 12.0





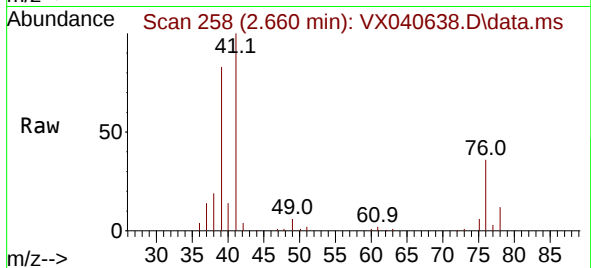
#17
Allyl chloride
Concen: 19.005 ug/l
RT: 2.660 min Scan# 258
Delta R.T. 0.000 min
Lab File: VX040638.D
Acq: 14 Mar 2024 16:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC



Tgt Ion: 41 Resp: 3381
Ion Ratio Lower Upper
41 100
39 83.2 36.5 109.5
76 35.7 19.7 59.0

Manual Integrations
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Reviewed By :John

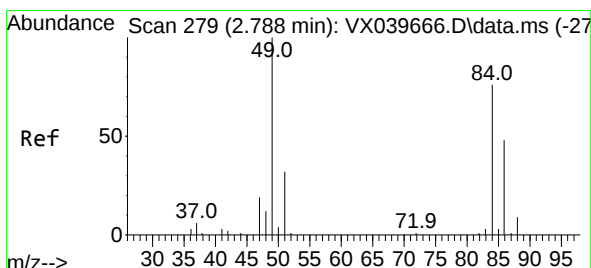
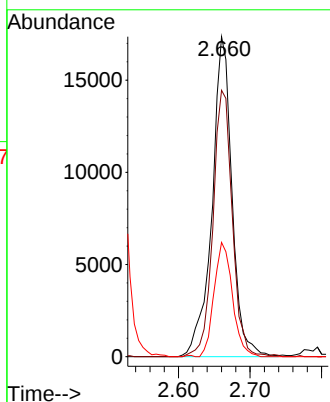
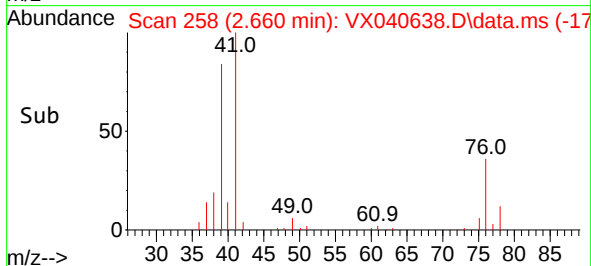
Carlone

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Supervised By :Mahesh

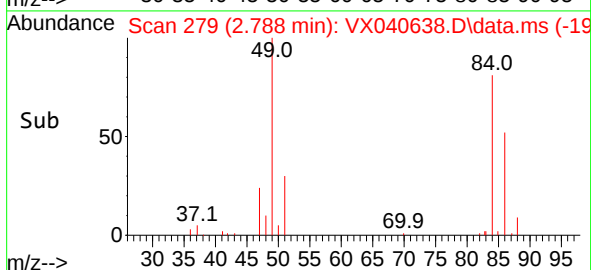
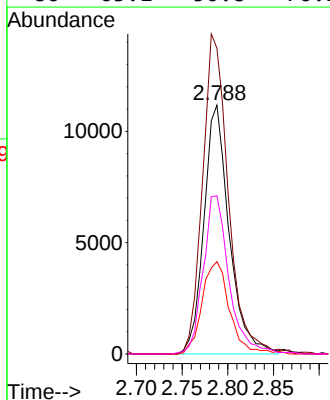
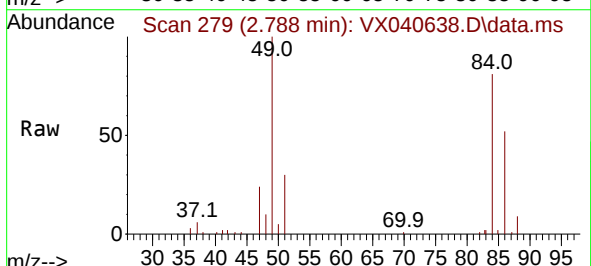
Dadoda

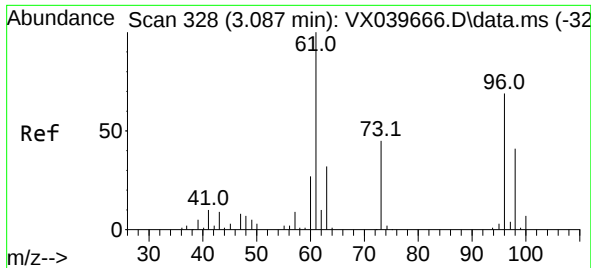
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#18
Methylene Chloride
Concen: 19.560 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX040638.D
Acq: 14 Mar 2024 16:05

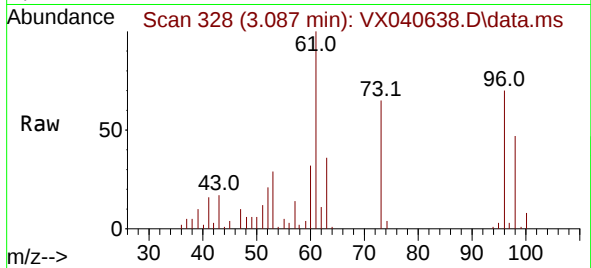
Tgt Ion: 84 Resp: 21530
Ion Ratio Lower Upper
84 100
49 122.9 103.8 155.8
51 37.1 31.8 47.6
86 63.1 50.8 76.2





#19
trans-1,2-Dichloroethene
Concen: 19.025 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX040638.D
Acq: 14 Mar 2024 16:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

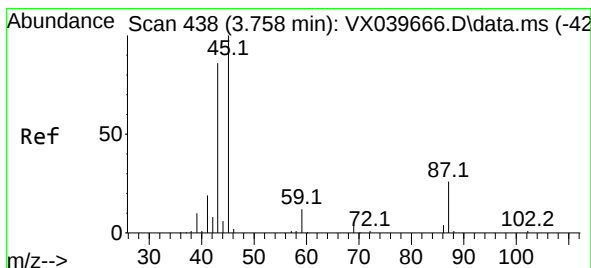
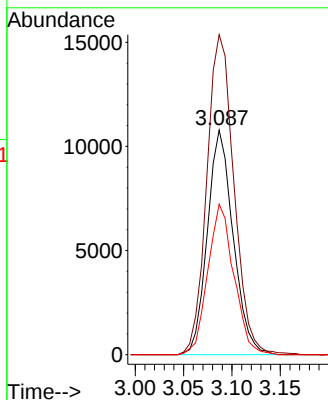
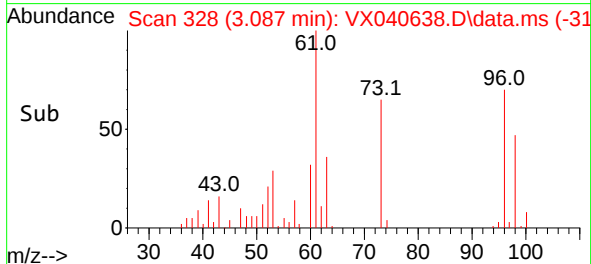


Tgt Ion: 96 Resp: 2002
Ion Ratio Lower Upper
96 100
61 142.4 117.9 176.9
98 66.9 51.0 76.6

Manual Integrations
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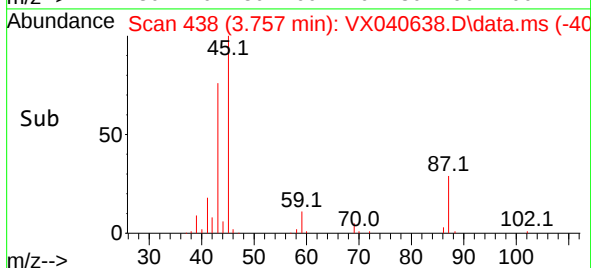
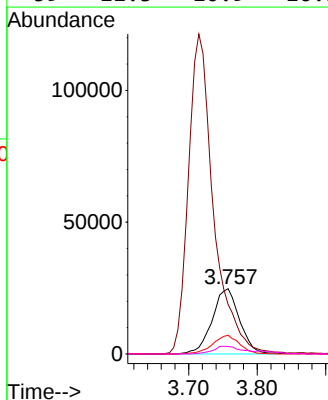
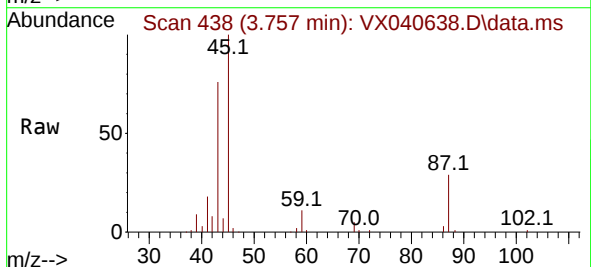
Reviewed By :John
Carlone
03/15/2024

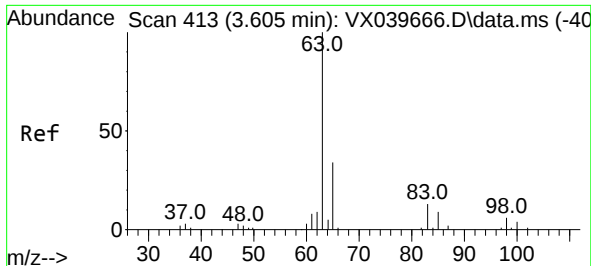
Supervised By :Mahesh
Dadoda
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#20
Diisopropyl ether
Concen: 19.249 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.001 min
Lab File: VX040638.D
Acq: 14 Mar 2024 16:05

Tgt Ion: 45 Resp: 68489
Ion Ratio Lower Upper
45 100
43 73.0 67.7 101.5
87 28.7 21.5 32.3
59 11.3 10.9 16.3





#21

1,1-Dichloroethane

Concen: 19.323 ug/l

RT: 3.605 min Scan# 41

Delta R.T. -0.000 min

Lab File: VX040638.D

Acq: 14 Mar 2024 16:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 63	Resp: 3956
Ion Ratio	Lower Upper
63 100	
98 5.9	2.9 8.8
100 4.3	2.0 5.8

Manual Integrations
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Reviewed By :John

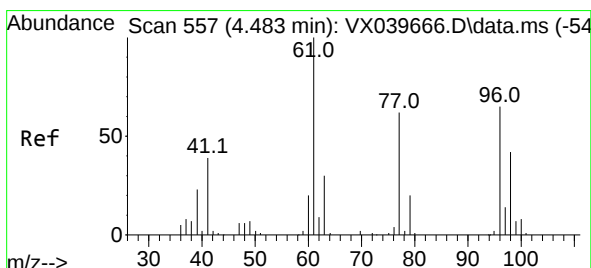
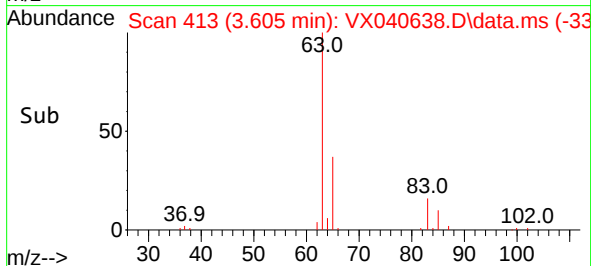
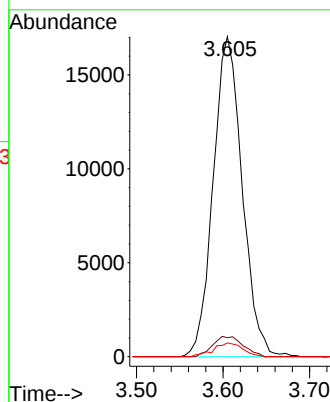
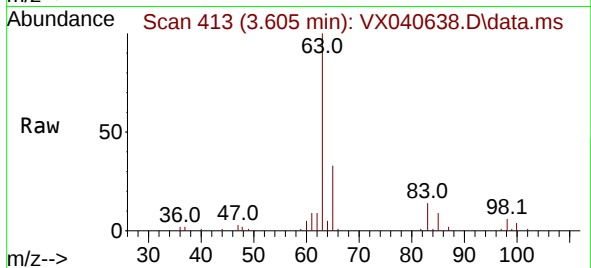
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Supervised By :Mahesh

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#22

cis-1,2-Dichloroethene

Concen: 19.954 ug/l

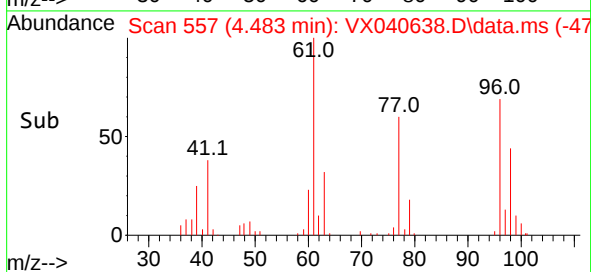
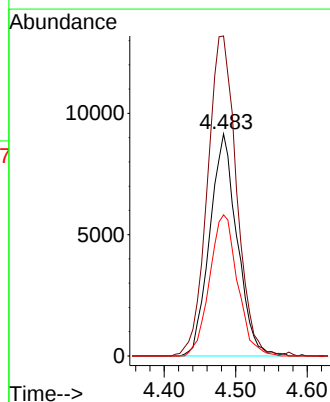
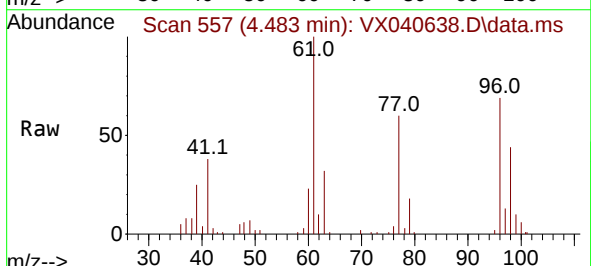
RT: 4.483 min Scan# 557

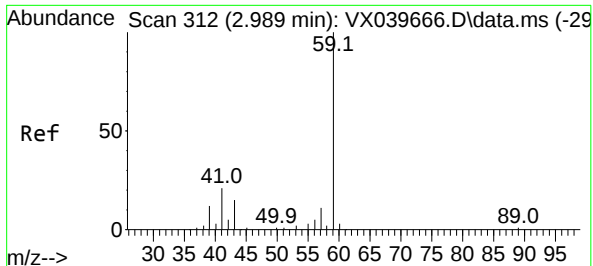
Delta R.T. -0.000 min

Lab File: VX040638.D

Acq: 14 Mar 2024 16:05

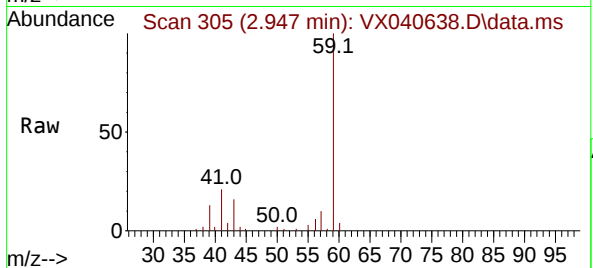
Tgt Ion: 96	Resp: 24390
Ion Ratio	Lower Upper
96 100	
61 152.6	119.8 179.6
98 64.9	50.9 76.3





#23
tert-Butyl Alcohol
Concen: 82.979 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.042 min
Lab File: VX040638.D
Acq: 14 Mar 2024 16:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

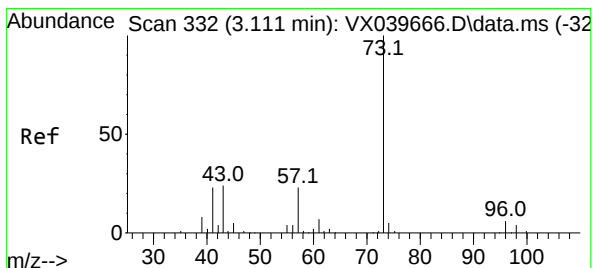
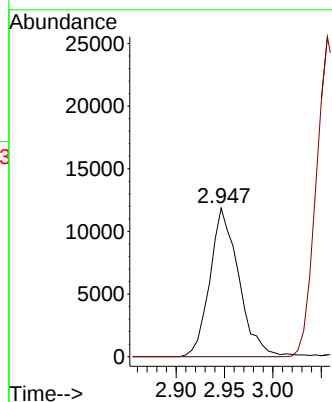


Tgt Ion: 59 Resp: 2451
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

Manual Integrations
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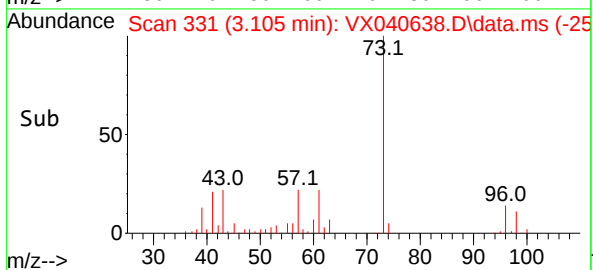
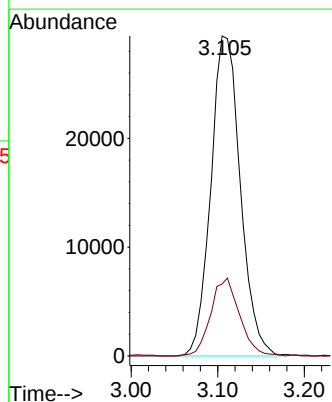
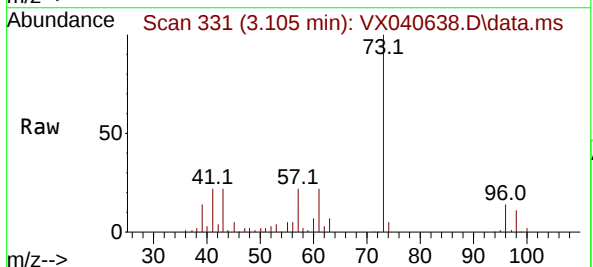
Reviewed By :John
Carlone
03/15/2024

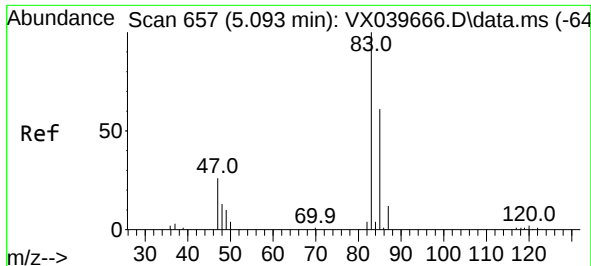
Supervised By :Mahesh
Dadoda
03/15/2024



#24
Methyl tert-Butyl Ether
Concen: 19.561 ug/l
RT: 3.105 min Scan# 331
Delta R.T. -0.006 min
Lab File: VX040638.D
Acq: 14 Mar 2024 16:05

Tgt Ion: 73 Resp: 69598
Ion Ratio Lower Upper
73 100
43 23.7 17.0 25.6





#25
Chloroform
Concen: 19.656 ug/l
RT: 5.086 min Scan# 61
Delta R.T. -0.007 min
Lab File: VX040638.D
Acq: 14 Mar 2024 16:05

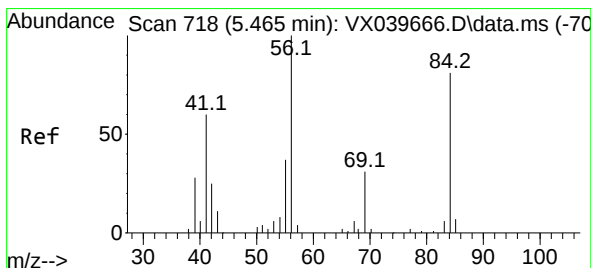
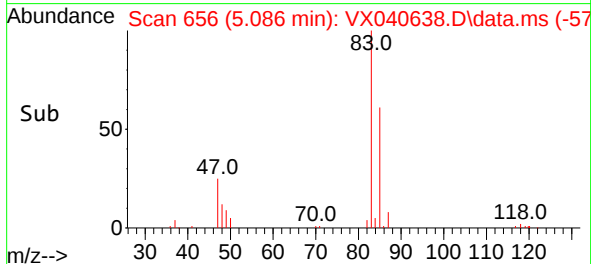
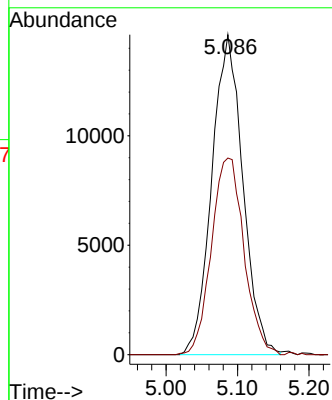
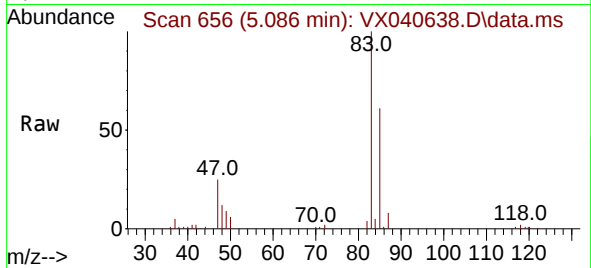
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 83 Resp: 4404
Ion Ratio Lower Upper
83 100
85 61.4 54.6 81.8

Manual Integrations
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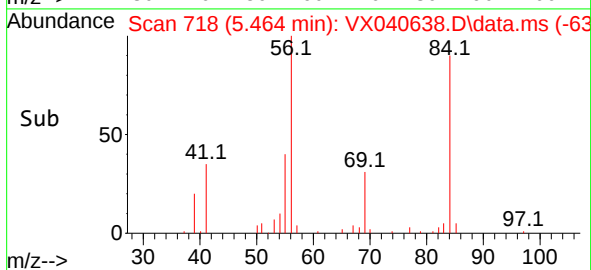
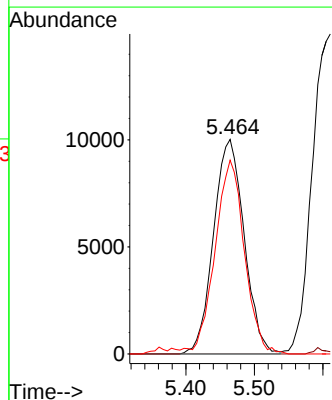
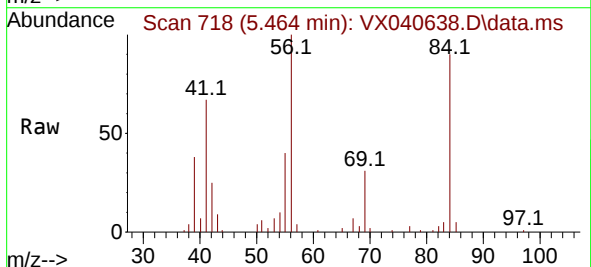
Reviewed By :John
Carlone
03/15/2024

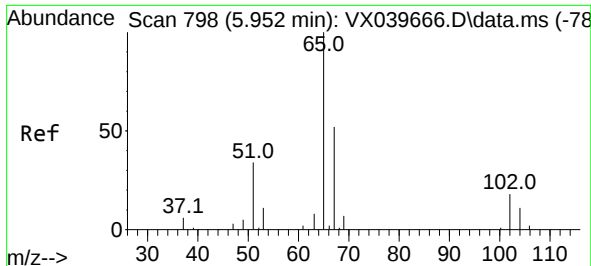
Supervised By :Mahesh
Dadoda
03/15/2024



#26
Cyclohexane
Concen: 18.825 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.001 min
Lab File: VX040638.D
Acq: 14 Mar 2024 16:05

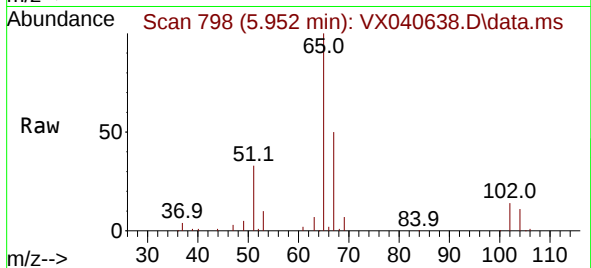
Tgt Ion: 56 Resp: 31107
Ion Ratio Lower Upper
56 100
89 1.0 0.0 0.0#
84 86.0 67.2 100.8





#27
1,2-Dichloroethane-d4
Concen: 29.955 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX040638.D
Acq: 14 Mar 2024 16:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

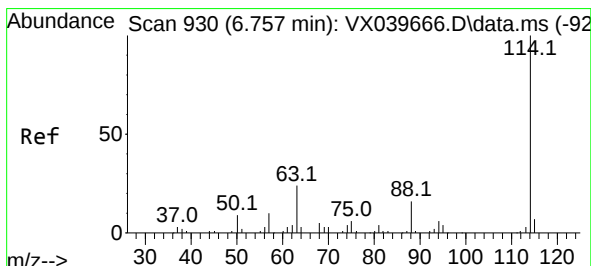
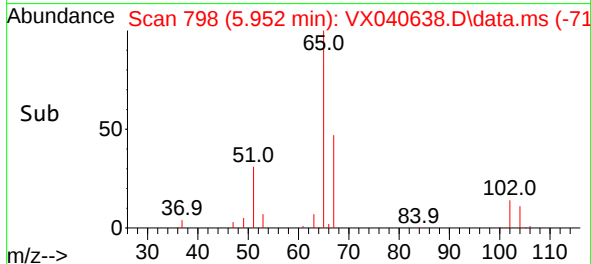
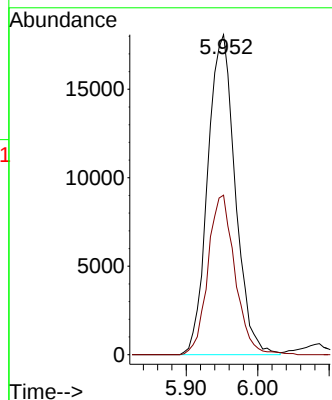


Tgt Ion: 65 Resp: 4836
Ion Ratio Lower Upper
65 100
67 49.0 42.5 63.7

Manual Integrations
APPROVED

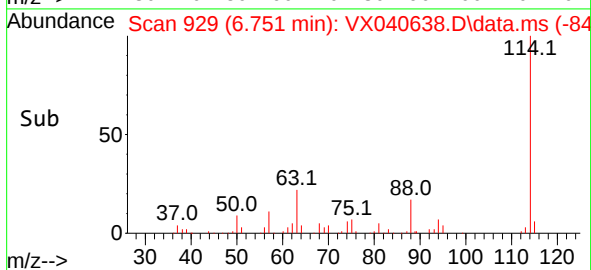
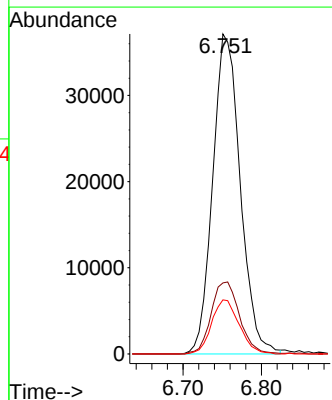
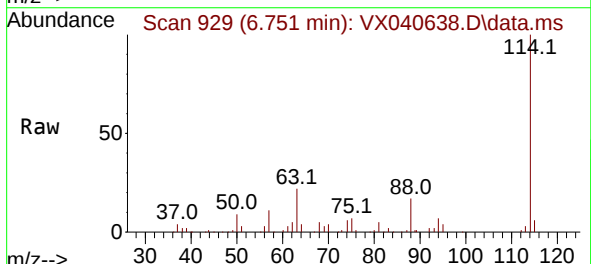
Reviewed By :John
Carlone
03/15/2024

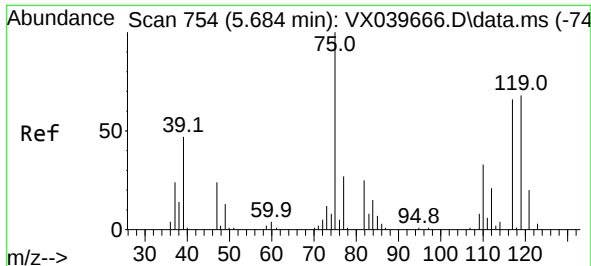
Supervised By :Mahesh
Dadoda
03/15/2024



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.751 min Scan# 929
Delta R.T. -0.006 min
Lab File: VX040638.D
Acq: 14 Mar 2024 16:05

Tgt Ion:114 Resp: 90827
Ion Ratio Lower Upper
114 100
63 23.2 17.0 25.4
88 16.9 12.7 19.1





#29
1,1-Dichloropropene
Concen: 19.966 ug/l
RT: 5.690 min Scan# 754
Delta R.T. 0.006 min
Lab File: VX040638.D
Acq: 14 Mar 2024 16:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 75 Resp: 31389
Ion Ratio Lower Upper
75 100
110 34.0 0.0 71.2
77 29.7 0.0 62.6

Manual Integrations
APPROVED

Reviewed By :John

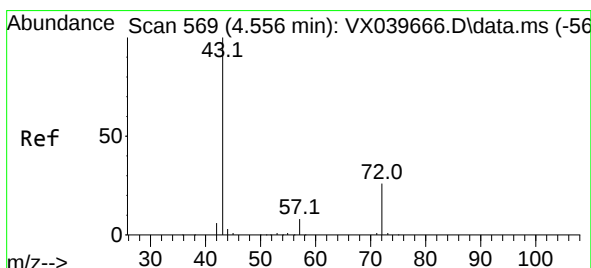
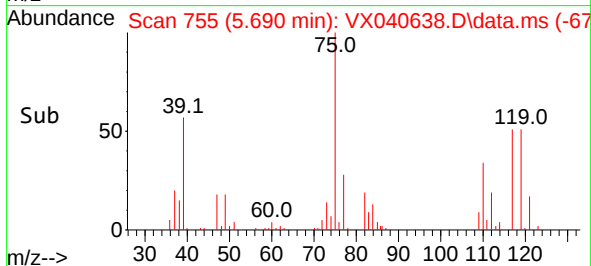
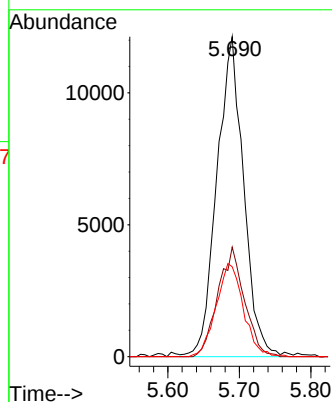
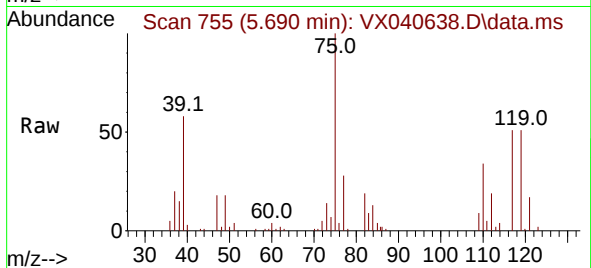
Carlone

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Supervised By :Mahesh

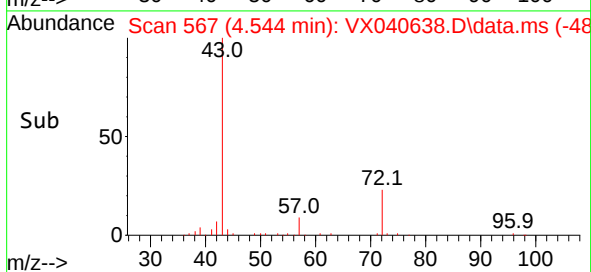
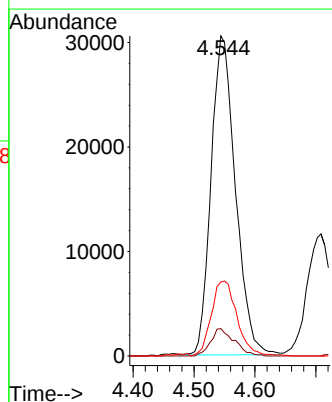
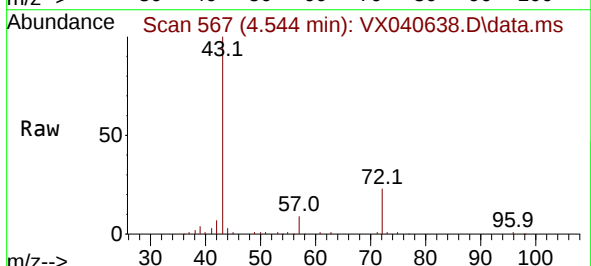
Dadoda

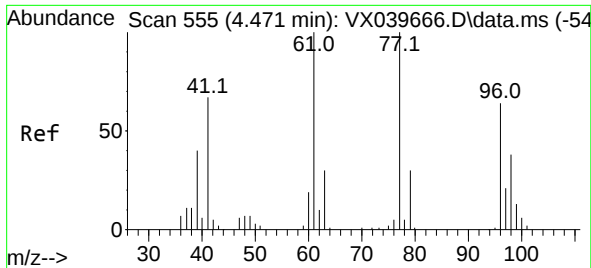
03/15/2024



#30
2-Butanone
Concen: 88.404 ug/l
RT: 4.544 min Scan# 567
Delta R.T. -0.012 min
Lab File: VX040638.D
Acq: 14 Mar 2024 16:05

Tgt Ion: 43 Resp: 84811
Ion Ratio Lower Upper
43 100
57 8.3 6.6 10.0
72 24.7 20.6 31.0





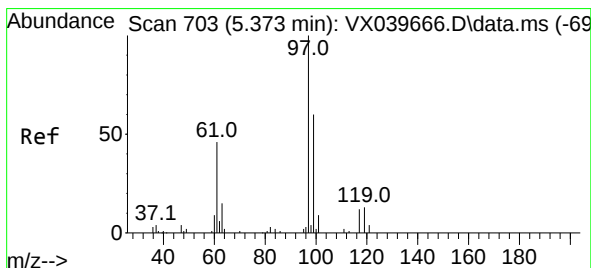
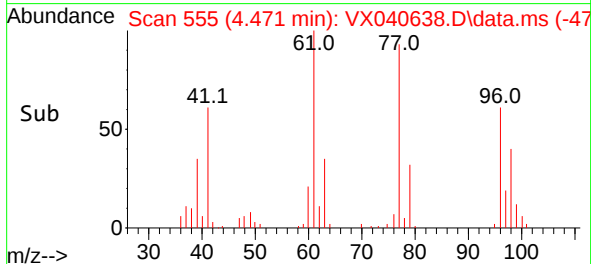
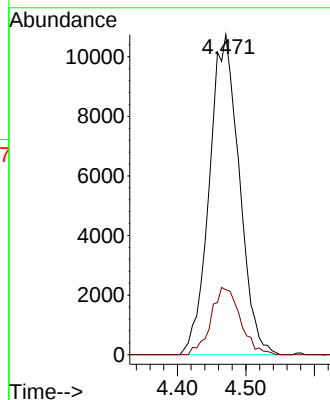
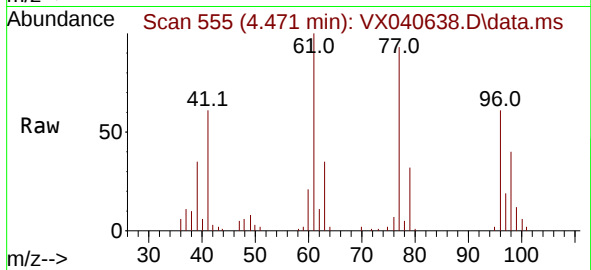
#31
2,2-Dichloropropane
Concen: 19.182 ug/l
RT: 4.471 min Scan# 511
Delta R.T. -0.000 min
Lab File: VX040638.D
Acq: 14 Mar 2024 16:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 77 Resp: 32548
Ion Ratio Lower Upper
77 100
97 20.6 18.2 27.4

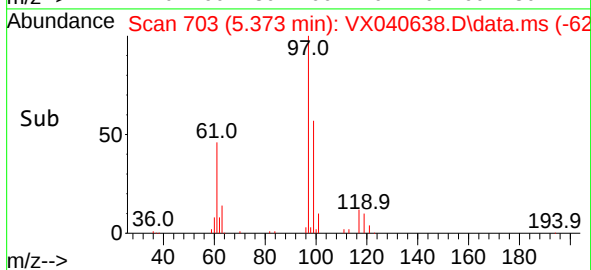
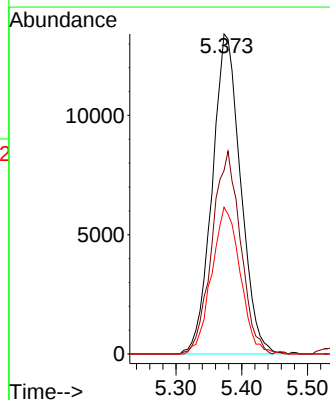
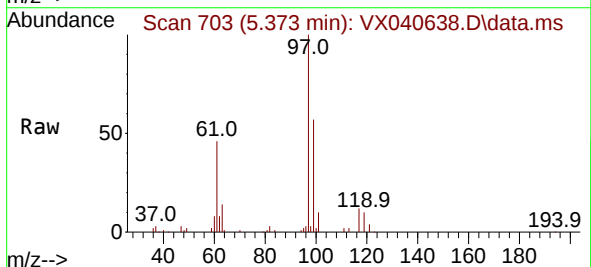
Manual Integrations
APPROVED

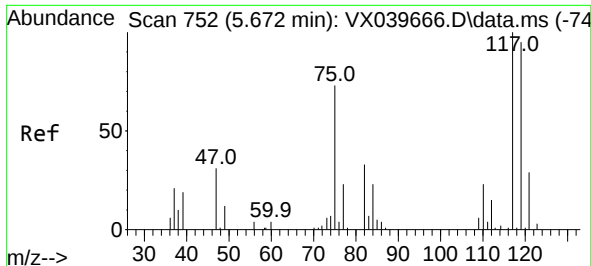
Reviewed By :John
Carlone
03/15/2024
Supervised By :Mahesh
Dadoda
03/15/2024



#32
1,1,1-Trichloroethane
Concen: 20.391 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX040638.D
Acq: 14 Mar 2024 16:05

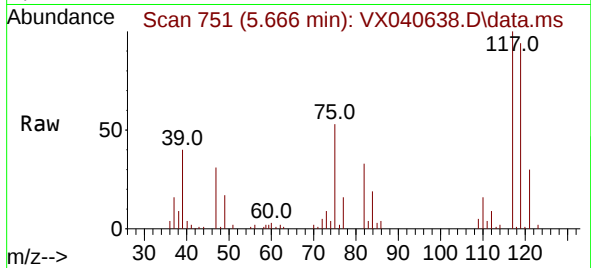
Tgt Ion: 97 Resp: 40394
Ion Ratio Lower Upper
97 100
99 63.4 52.6 79.0
61 46.1 36.9 55.3





#33
Carbon Tetrachloride
Concen: 19.146 ug/l
RT: 5.666 min Scan# 751
Delta R.T. -0.006 min
Lab File: VX040638.D
Acq: 14 Mar 2024 16:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

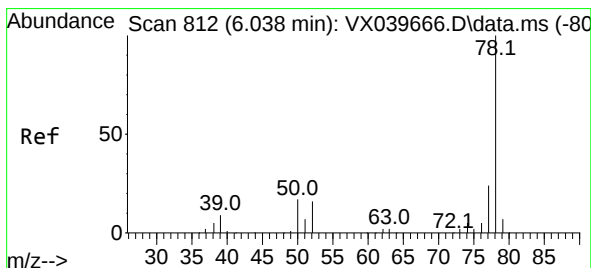
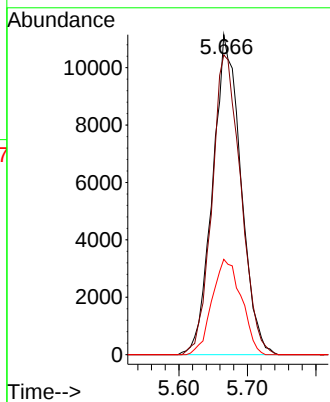
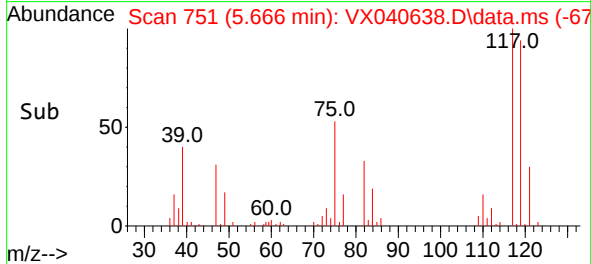


Tgt Ion: 117 Resp: 3191
Ion Ratio Lower Upper
117 100
119 93.6 78.2 117.4
121 29.8 24.7 37.1

Manual Integrations
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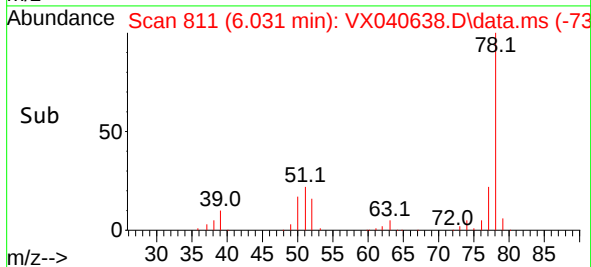
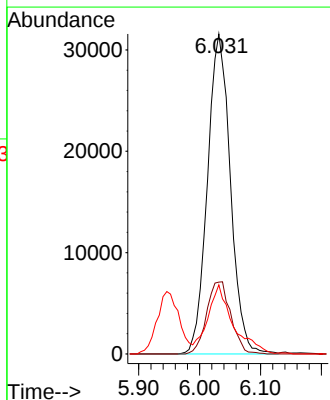
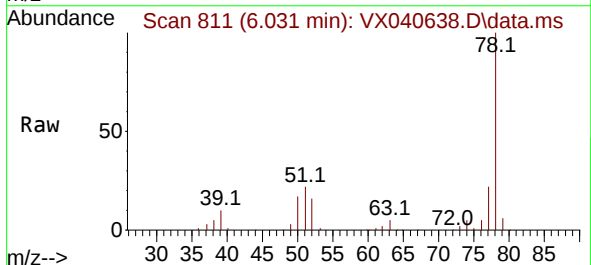
Reviewed By :John
Carlone
03/15/2024

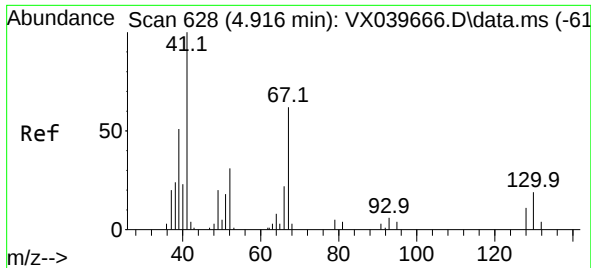
Supervised By :Mahesh
Dadoda
03/15/2024



#34
Benzene
Concen: 19.513 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.007 min
Lab File: VX040638.D
Acq: 14 Mar 2024 16:05

Tgt Ion: 78 Resp: 82816
Ion Ratio Lower Upper
78 100
77 22.5 19.3 28.9
51 21.3 14.4 21.6





#35
Methacrylonitrile
Concen: 19.116 ug/l
RT: 4.904 min Scan# 61
Delta R.T. -0.012 min
Lab File: VX040638.D
Acq: 14 Mar 2024 16:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 41 Resp: 1882
Ion Ratio Lower Upper
41 100
39 62.2 28.2 84.7
67 60.4 34.5 103.5
52 29.0 16.3 48.8

Manual Integrations
APPROVED

Reviewed By :John

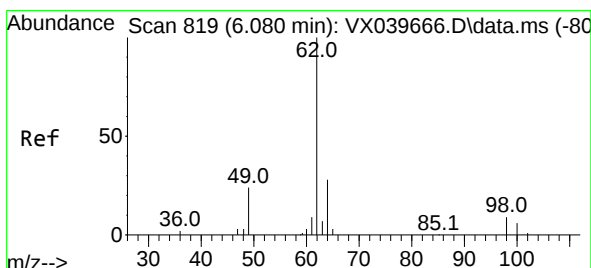
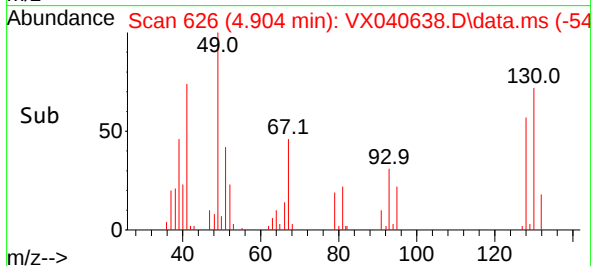
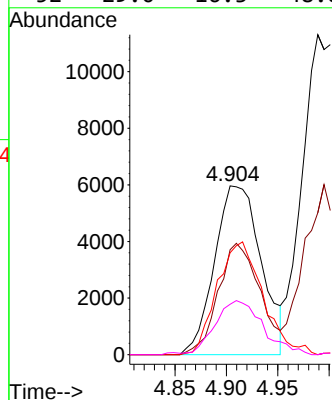
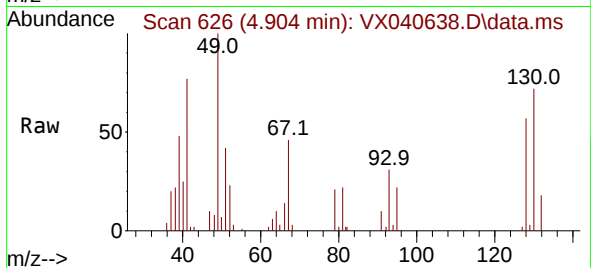
Carlone

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Supervised By :Mahesh

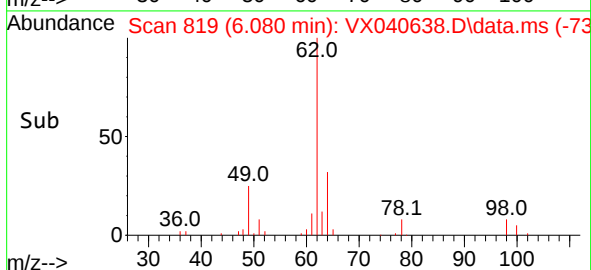
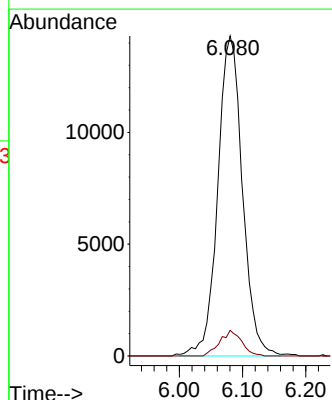
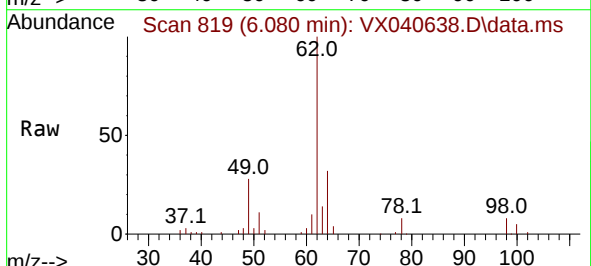
Dadoda

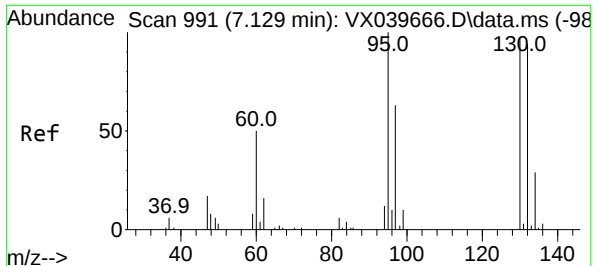
03/15/2024



#36
1,2-Dichloroethane
Concen: 19.715 ug/l
RT: 6.080 min Scan# 819
Delta R.T. 0.000 min
Lab File: VX040638.D
Acq: 14 Mar 2024 16:05

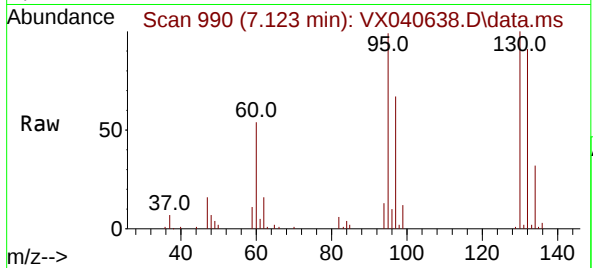
Tgt Ion: 62 Resp: 38686
Ion Ratio Lower Upper
62 100
98 7.1 7.0 10.4





#37
Trichloroethene
Concen: 19.524 ug/l
RT: 7.123 min Scan# 991
Delta R.T. -0.006 min
Lab File: VX040638.D
Acq: 14 Mar 2024 16:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

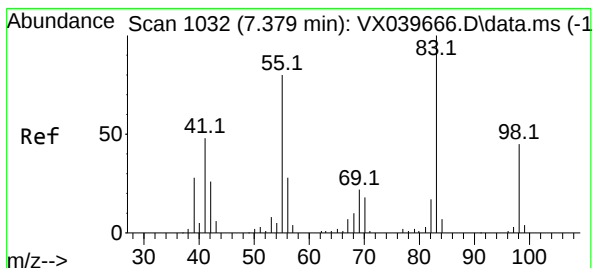
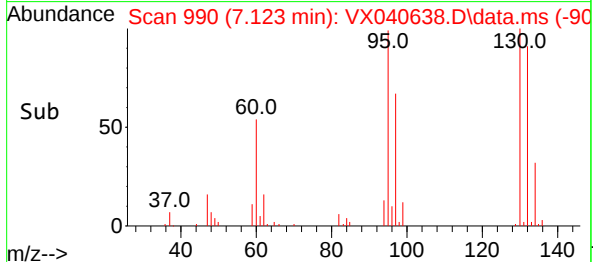
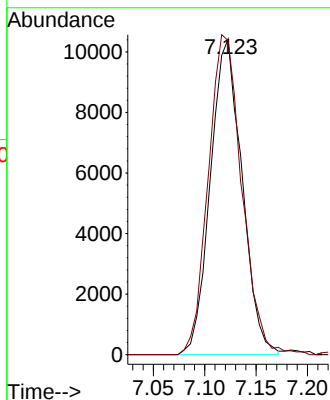


Tgt Ion:130 Resp: 2226
Ion Ratio Lower Upper
130 100
95 99.5 85.8 128.8

Manual Integrations
APPROVED

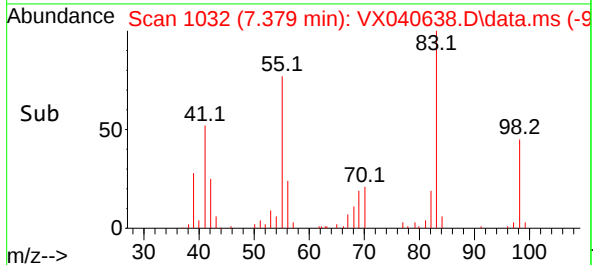
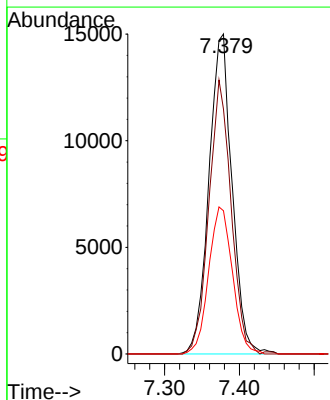
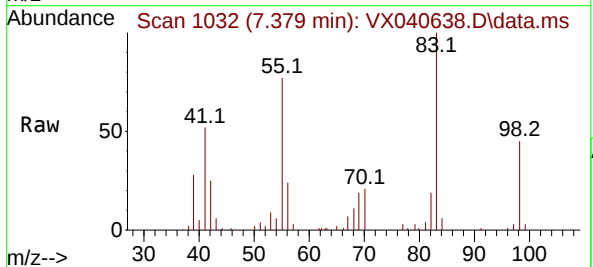
Reviewed By :John
Carlone
03/15/2024

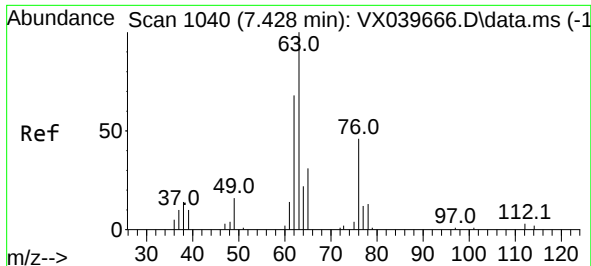
Supervised By :Mahesh
Dadoda
03/15/2024



#38
Methylcyclohexane
Concen: 19.080 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.000 min
Lab File: VX040638.D
Acq: 14 Mar 2024 16:05

Tgt Ion: 83 Resp: 32300
Ion Ratio Lower Upper
83 100
55 81.9 38.6 116.0
98 47.2 22.3 66.8





#39

1,2-Dichloropropane

Concen: 19.488 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.001 min

Lab File: VX040638.D

Acq: 14 Mar 2024 16:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 63 Resp: 21059

Ion Ratio Lower Upper

63 100

65 29.8 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :John

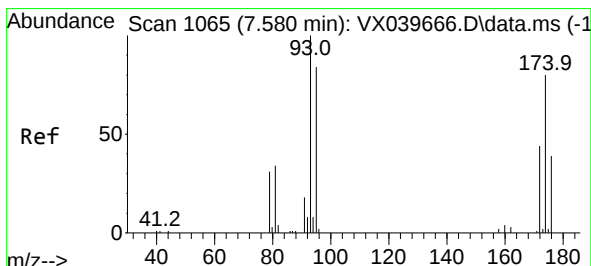
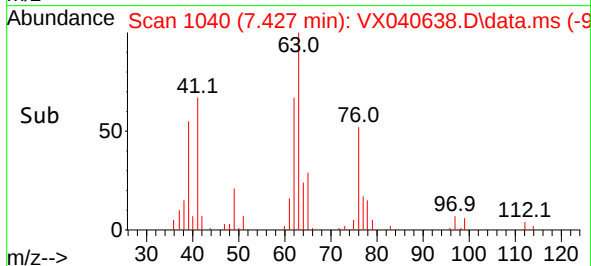
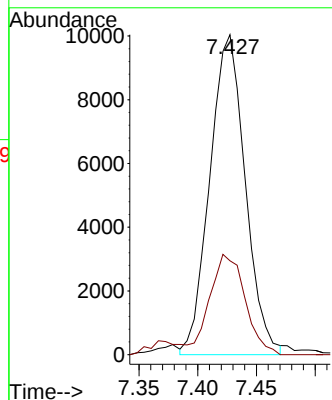
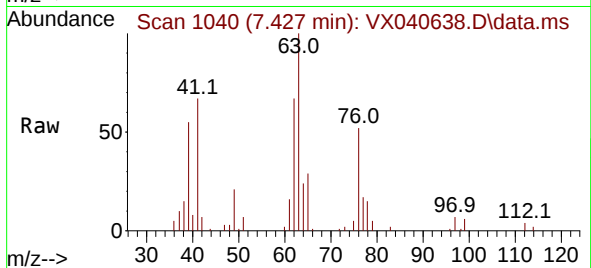
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Supervised By :Mahesh

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03/15/2024



#40

Dibromomethane

Concen: 19.751 ug/l

RT: 7.574 min Scan# 1064

Delta R.T. -0.006 min

Lab File: VX040638.D

Acq: 14 Mar 2024 16:05

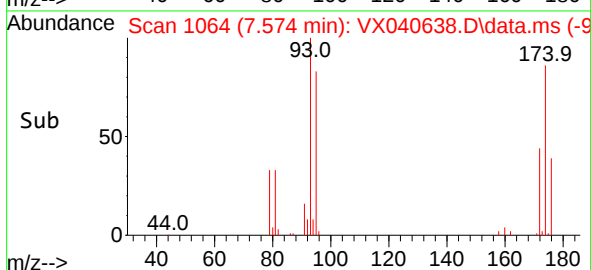
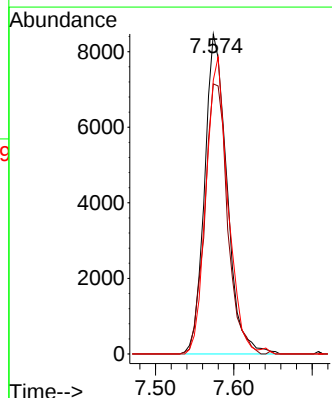
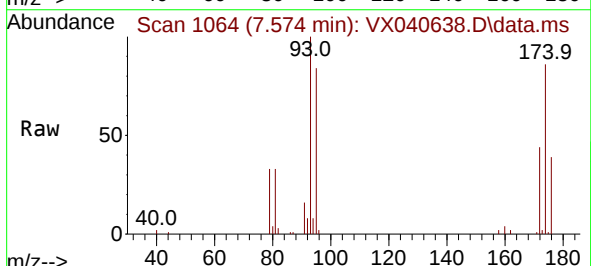
Tgt Ion: 93 Resp: 16767

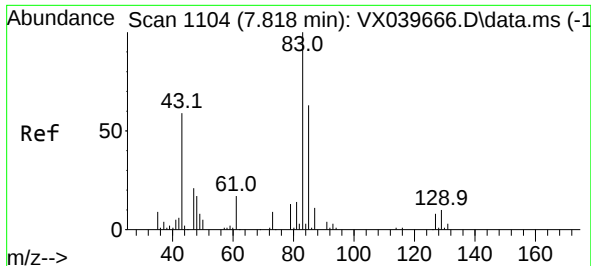
Ion Ratio Lower Upper

93 100

95 86.2 0.0 163.4

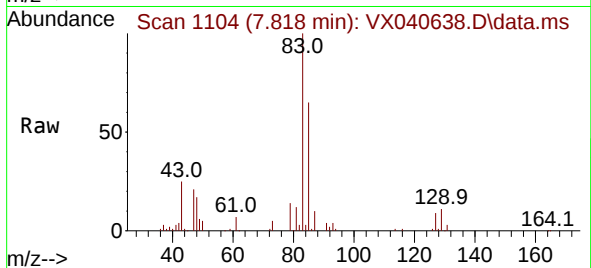
174 90.7 0.0 166.4





#41
Bromodichloromethane
Concen: 20.265 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX040638.D
Acq: 14 Mar 2024 16:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

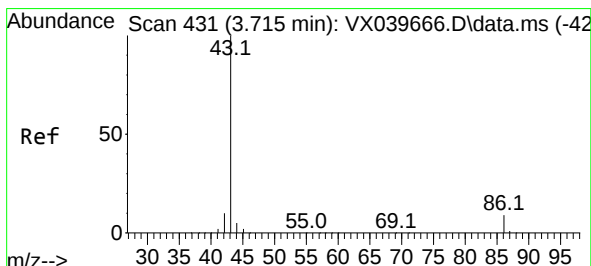
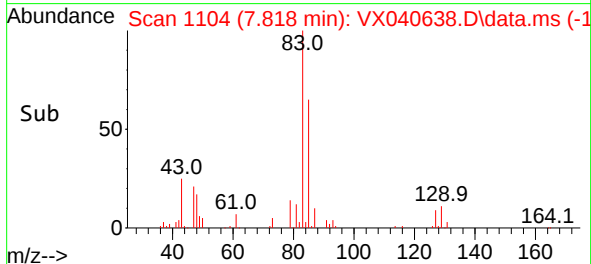
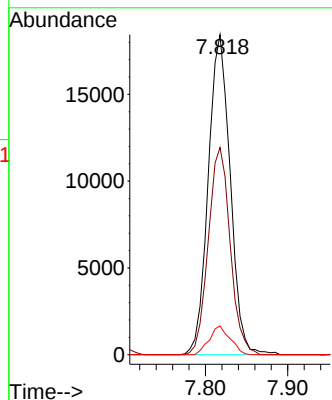


Tgt Ion: 83 Resp: 34225
Ion Ratio Lower Upper
83 100
85 64.7 50.8 76.2
127 9.0 5.9 8.9

Manual Integrations
APPROVED

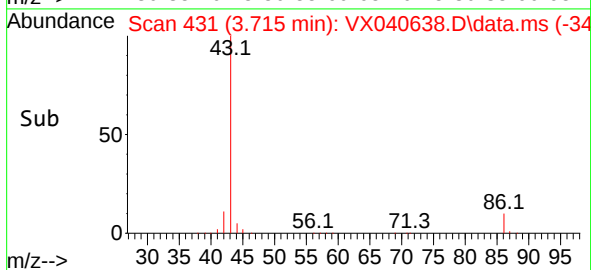
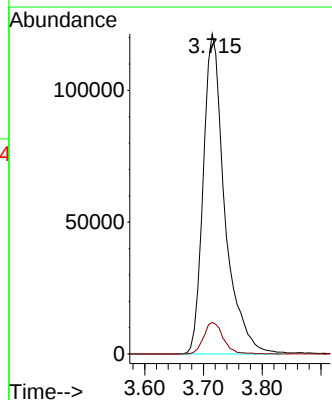
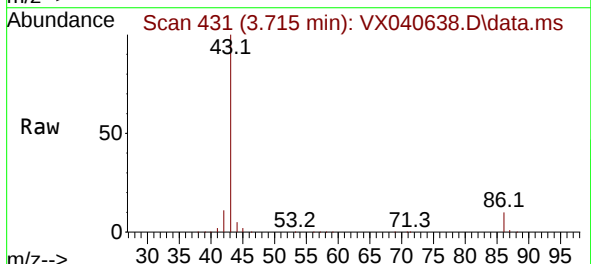
Reviewed By :John
Carlone
03/15/2024

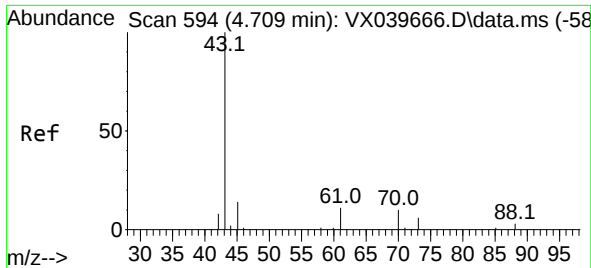
Supervised By :Mahesh
Dadoda
03/15/2024



#42
Vinyl Acetate
Concen: 93.745 ug/l
RT: 3.715 min Scan# 431
Delta R.T. -0.000 min
Lab File: VX040638.D
Acq: 14 Mar 2024 16:05

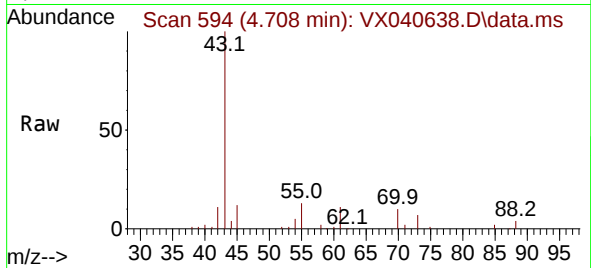
Tgt Ion: 43 Resp: 309648
Ion Ratio Lower Upper
43 100
86 8.9 6.7 10.1





#43
Ethyl Acetate
Concen: 19.198 ug/l
RT: 4.708 min Scan# 594
Delta R.T. -0.001 min
Lab File: VX040638.D
Acq: 14 Mar 2024 16:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

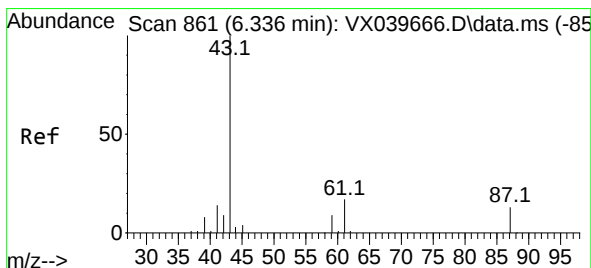
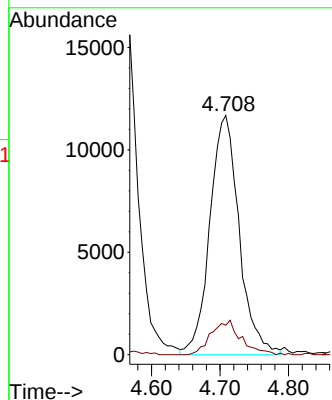
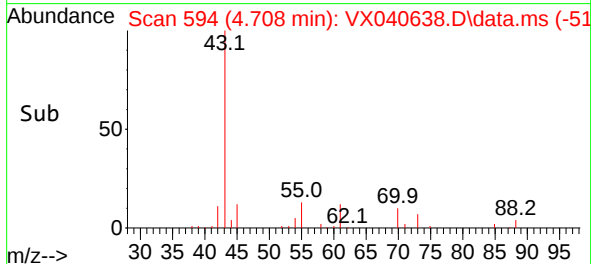


Tgt Ion: 43 Resp: 34680
Ion Ratio Lower Upper
43 100
45 14.5 11.8 17.8

Manual Integrations
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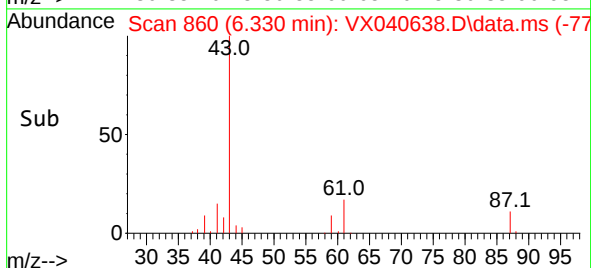
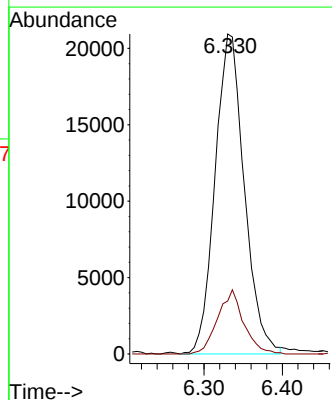
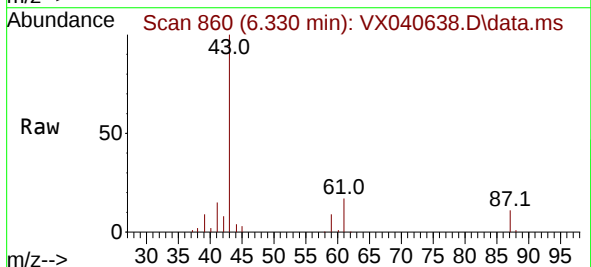
Reviewed By :John
Carlone
03/15/2024

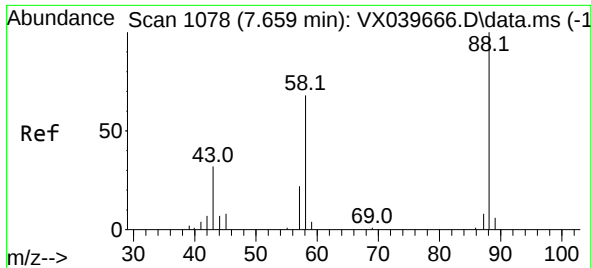
Supervised By :Mahesh
Dadoda
03/15/2024



#44
Isopropyl Acetate
Concen: 18.838 ug/l
RT: 6.330 min Scan# 860
Delta R.T. -0.006 min
Lab File: VX040638.D
Acq: 14 Mar 2024 16:05

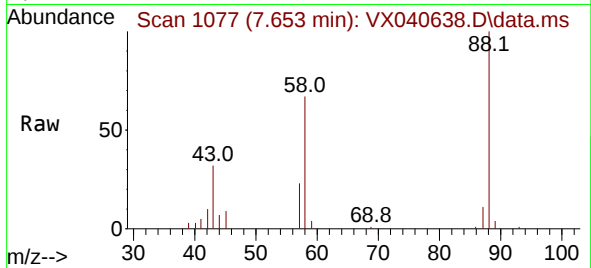
Tgt Ion: 43 Resp: 54331
Ion Ratio Lower Upper
43 100
61 17.9 15.6 23.4





#45
1,4-Dioxane
Concen: 326.586 ug/l
RT: 7.653 min Scan# 1077
Delta R.T. -0.006 min
Lab File: VX040638.D
Acq: 14 Mar 2024 16:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



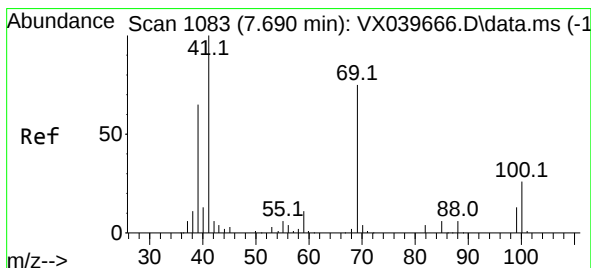
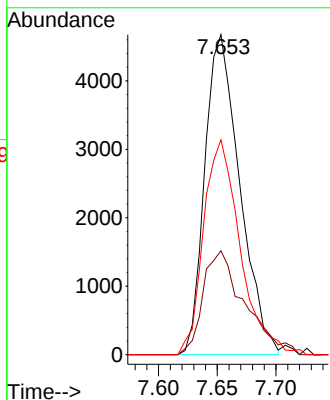
Tgt Ion: 88 Resp: 968

Ion	Ratio	Lower	Upper
88	100		
43	37.7	28.1	42.1
58	70.0	57.7	86.5

Manual Integrations
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Reviewed By :John
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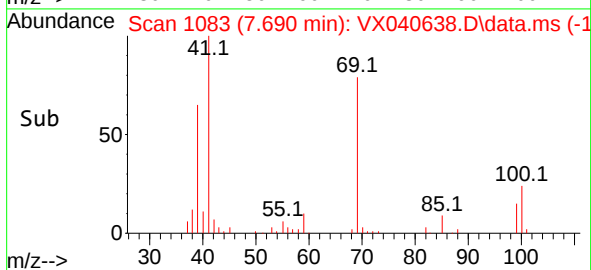
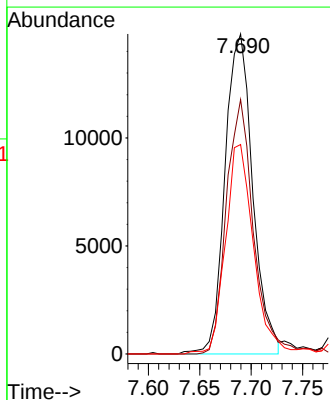
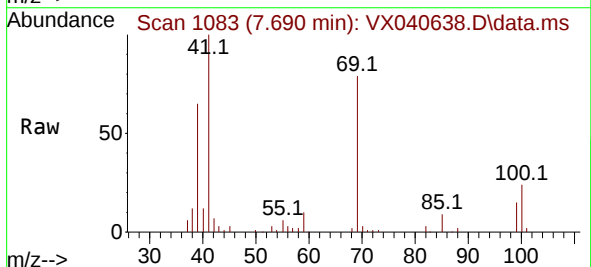
Supervised By :Mahesh
Dadoda
03/15/2024

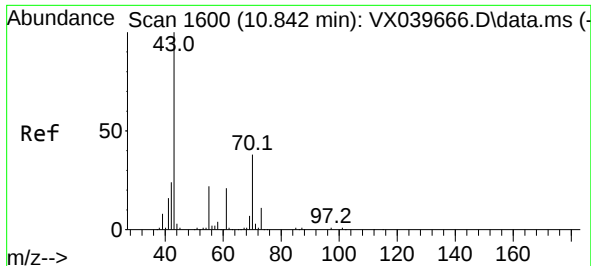


#46
Methyl methacrylate
Concen: 19.413 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX040638.D
Acq: 14 Mar 2024 16:05

Tgt Ion: 41 Resp: 27809

Ion	Ratio	Lower	Upper
41	100		
69	79.5	39.6	118.8
39	65.4	30.1	90.3





#47
n-amy1 Acetate
Concen: 17.061 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.001 min
Lab File: VX040638.D
Acq: 14 Mar 2024 16:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 43 Resp: 42408
Ion Ratio Lower Upper
43 100
55 23.8 18.2 27.2

Manual Integrations
APPROVED

Reviewed By :John

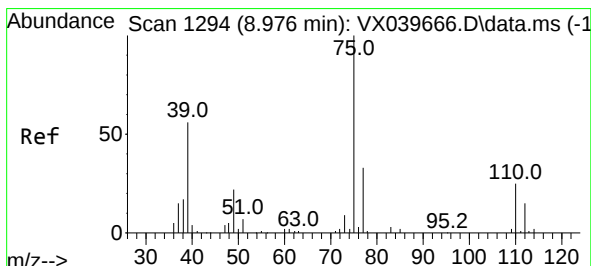
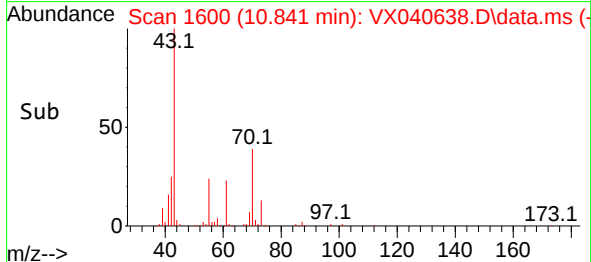
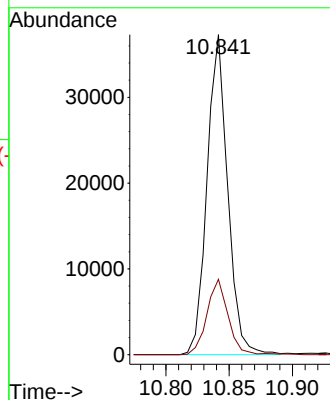
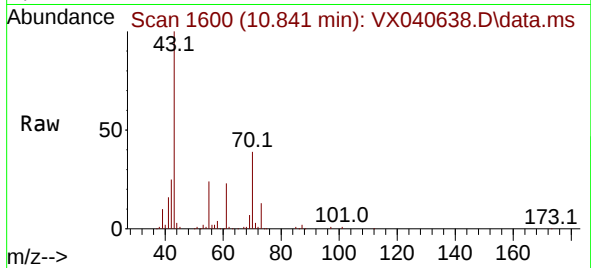
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Supervised By :Mahesh

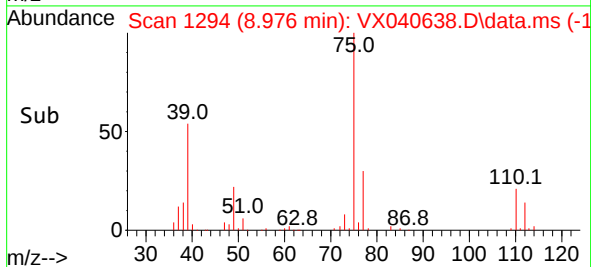
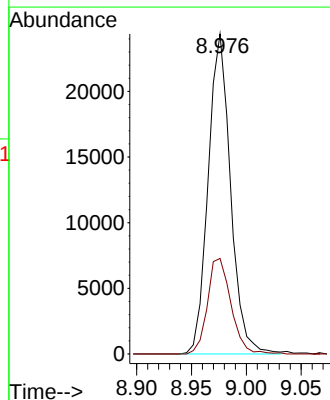
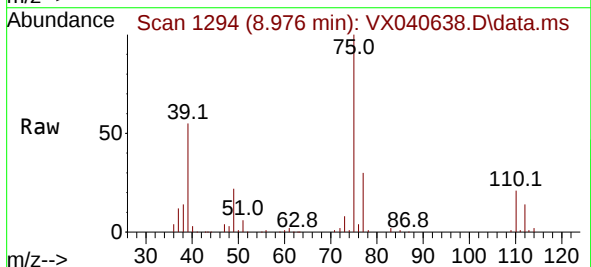
Dadoda

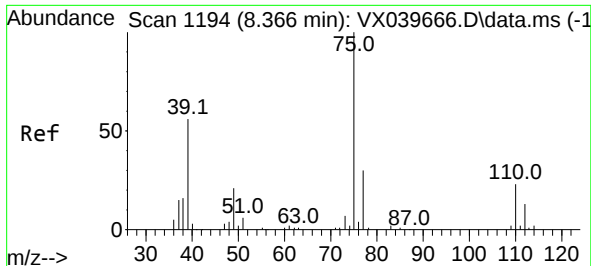
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#48
t-1,3-Dichloropropene
Concen: 19.409 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. -0.000 min
Lab File: VX040638.D
Acq: 14 Mar 2024 16:05

Tgt Ion: 75 Resp: 34645
Ion Ratio Lower Upper
75 100
77 29.8 26.8 40.2





#49
 cis-1,3-Dichloropropene
 Concen: 19.495 ug/l
 RT: 8.360 min Scan# 1194
 Delta R.T. -0.006 min
 Lab File: VX040638.D
 Acq: 14 Mar 2024 16:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 75 Resp: 35449
 Ion Ratio Lower Upper
 75 100
 77 34.0 24.4 36.6
 39 60.9 40.6 60.8

Manual Integrations
 APPROVED

Reviewed By :John

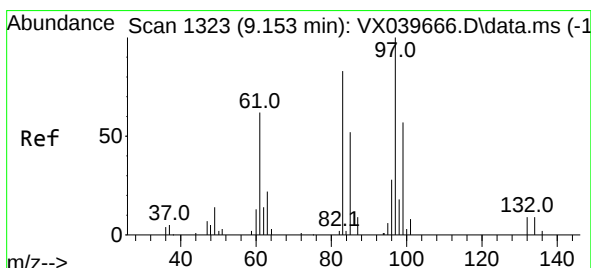
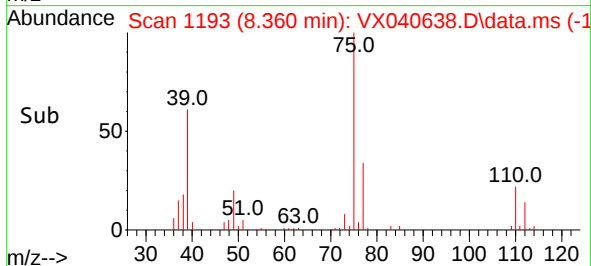
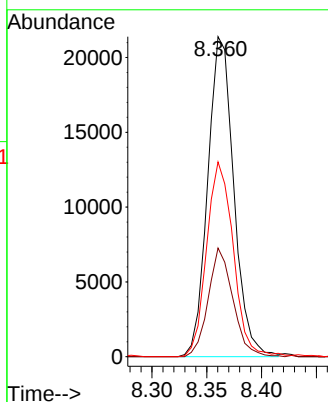
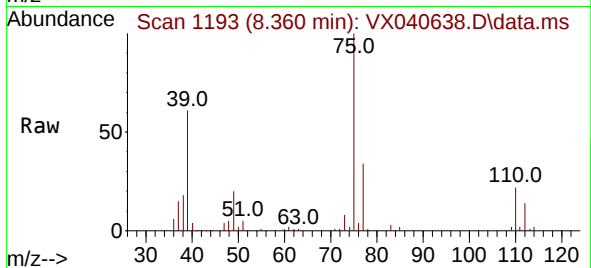
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Supervised By :Mahesh

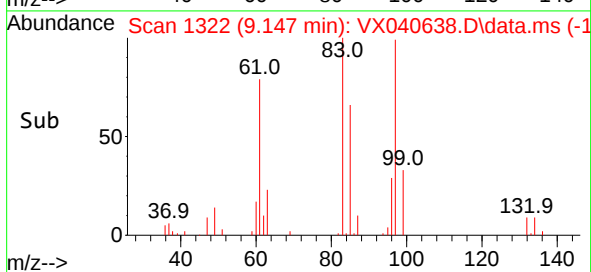
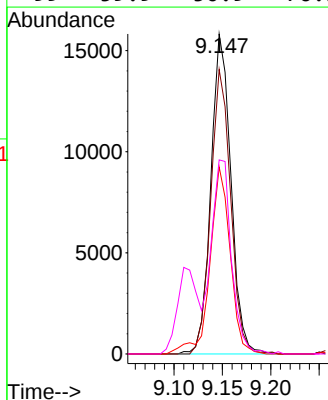
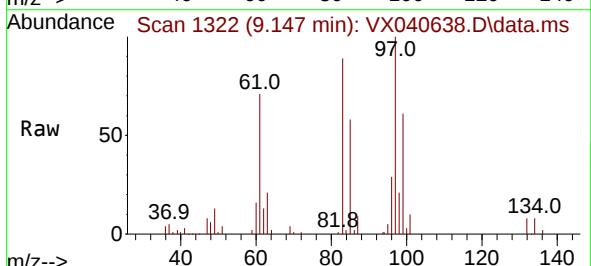
Dadoda

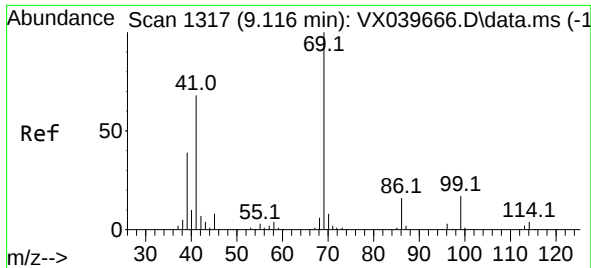
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#50
 1,1,2-Trichloroethane
 Concen: 20.251 ug/l
 RT: 9.147 min Scan# 1322
 Delta R.T. -0.006 min
 Lab File: VX040638.D
 Acq: 14 Mar 2024 16:05

Tgt Ion: 97 Resp: 22835
 Ion Ratio Lower Upper
 97 100
 83 88.9 69.0 103.6
 85 58.4 46.3 69.5
 99 59.9 50.9 76.3





#51
Ethyl methacrylate
Concen: 19.070 ug/l
RT: 9.110 min Scan# 1317
Delta R.T. -0.006 min
Lab File: VX040638.D
Acq: 14 Mar 2024 16:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 69 Resp: 33854
Ion Ratio Lower Upper
69 100
41 74.7 36.2 108.6
39 50.0 21.1 63.4

Manual Integrations
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Reviewed By :John

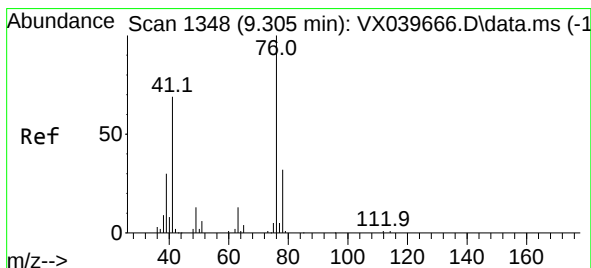
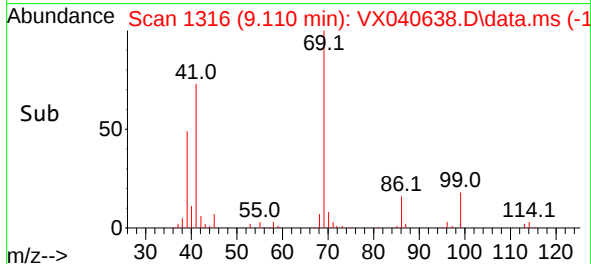
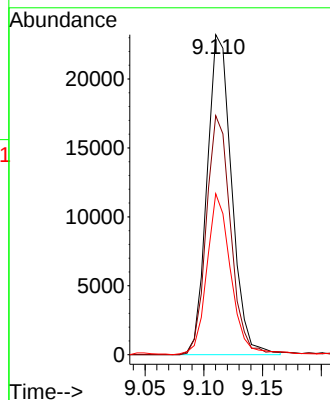
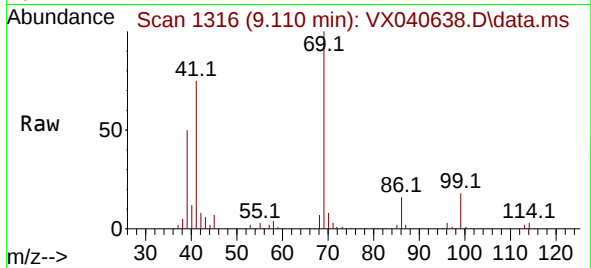
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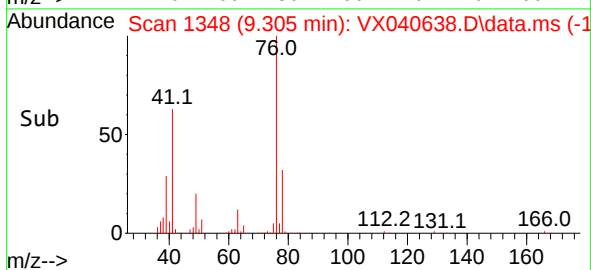
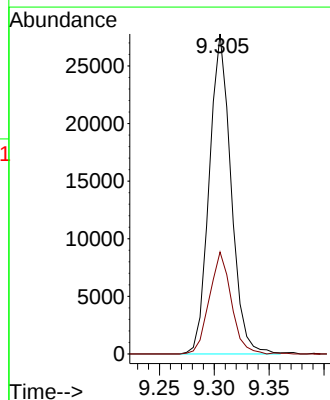
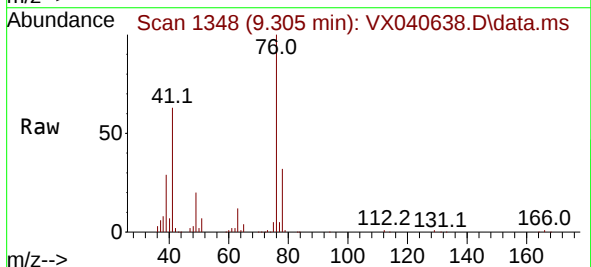
Dadoda

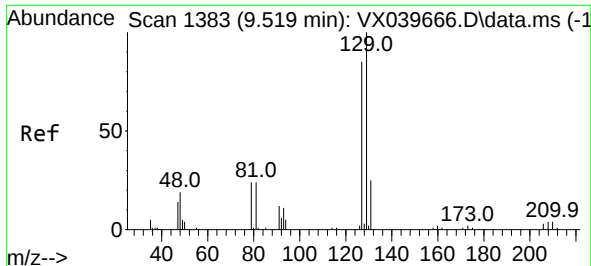
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#52
1,3-Dichloropropane
Concen: 19.952 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. 0.000 min
Lab File: VX040638.D
Acq: 14 Mar 2024 16:05

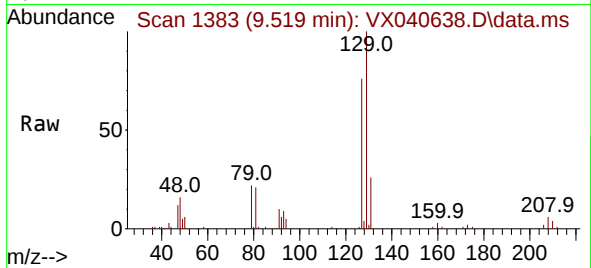
Tgt Ion: 76 Resp: 38390
Ion Ratio Lower Upper
76 100
78 32.0 0.0 65.0





#53
Dibromochloromethane
Concen: 19.435 ug/l
RT: 9.519 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX040638.D
Acq: 14 Mar 2024 16:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

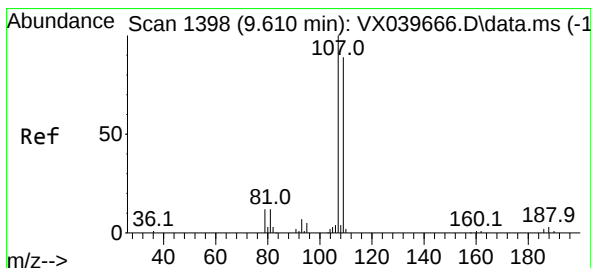
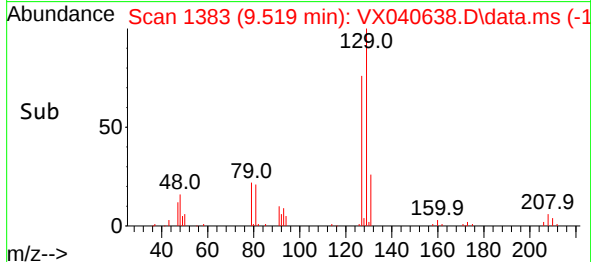
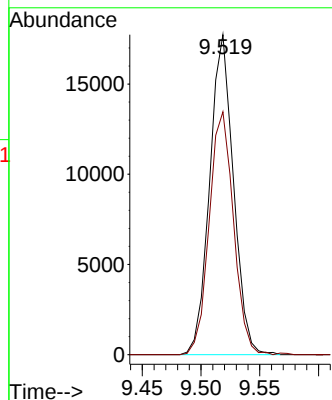


Tgt Ion:129 Resp: 2498
Ion Ratio Lower Upper
129 100
127 77.4 38.3 114.9

Manual Integrations
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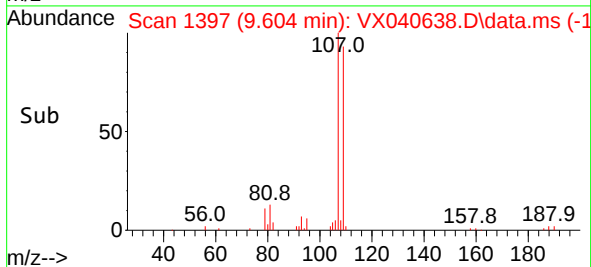
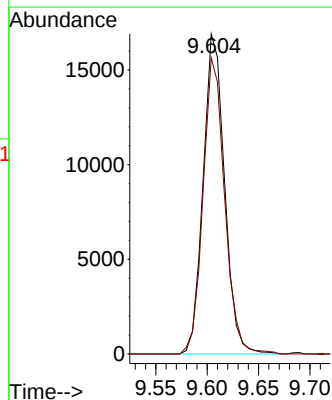
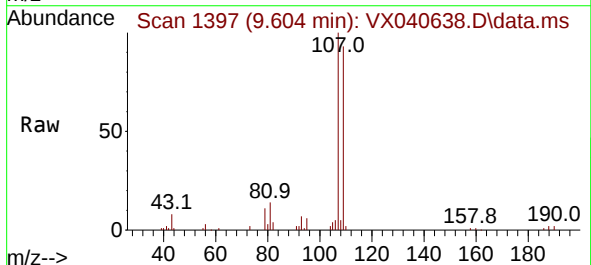
Reviewed By :John
Carlone
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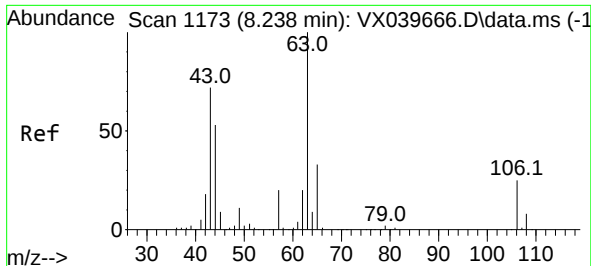
Supervised By :Mahesh
Dadoda
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#54
1,2-Dibromoethane
Concen: 19.603 ug/l
RT: 9.604 min Scan# 1397
Delta R.T. -0.006 min
Lab File: VX040638.D
Acq: 14 Mar 2024 16:05

Tgt Ion:107 Resp: 24459
Ion Ratio Lower Upper
107 100
109 93.7 75.1 112.7





#55

2-Chloroethyl vinyl ether

Concen: 110.422 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX040638.D

Acq: 14 Mar 2024 16:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 63 Resp: 9982

Ion	Ratio	Lower	Upper
63	100		
65	32.8	25.8	38.6
106	26.0	20.6	31.0

Manual Integrations

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Reviewed By :John

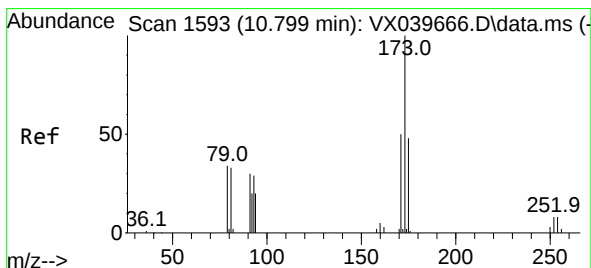
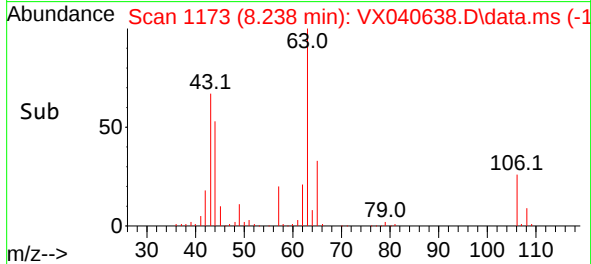
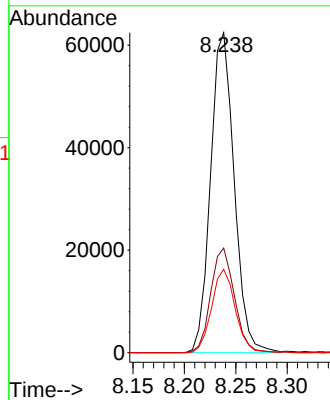
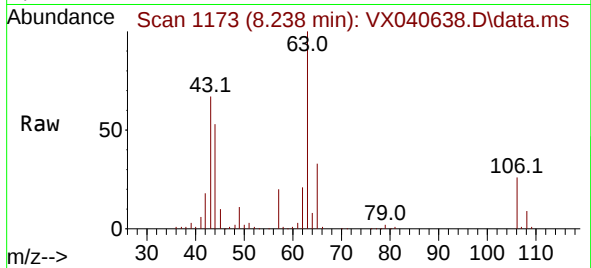
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#56

Bromoform

Concen: 18.066 ug/l

RT: 10.799 min Scan# 1593

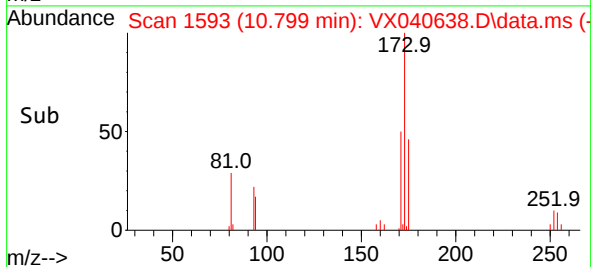
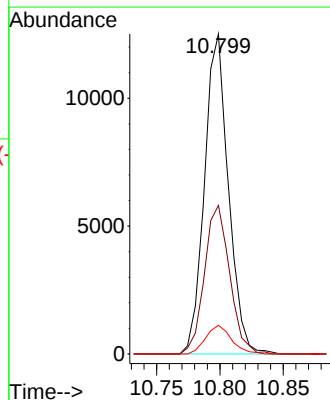
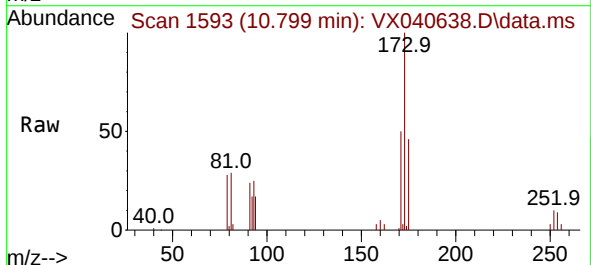
Delta R.T. -0.000 min

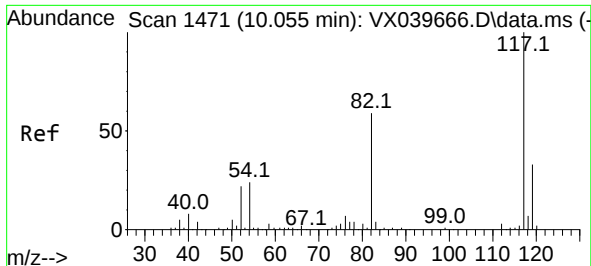
Lab File: VX040638.D

Acq: 14 Mar 2024 16:05

Tgt Ion:173 Resp: 16472

Ion	Ratio	Lower	Upper
173	100		
175	48.9	37.6	56.4
254	9.6	5.8	8.8#





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.049 min Scan# 1470

Delta R.T. -0.006 min

Lab File: VX040638.D

Acq: 14 Mar 2024 16:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 117 Resp: 7554

Ion	Ratio	Lower	Upper
117	100		
82	59.5	47.0	70.6
119	31.7	25.2	37.8

Manual Integrations

APPROVED

Reviewed By :John

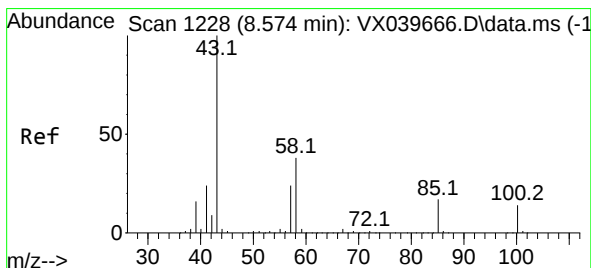
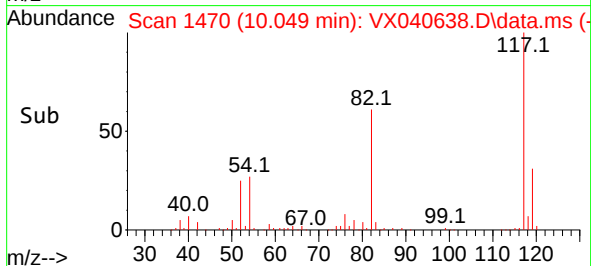
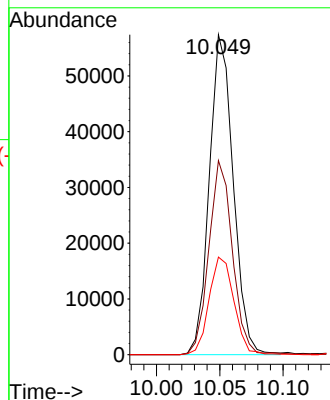
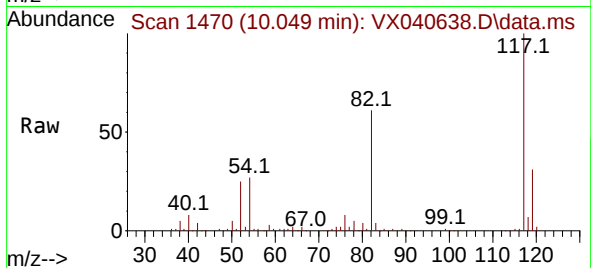
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Supervised By :Mahesh

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#58

4-Methyl-2-Pentanone

Concen: 109.055 ug/l

RT: 8.568 min Scan# 1227

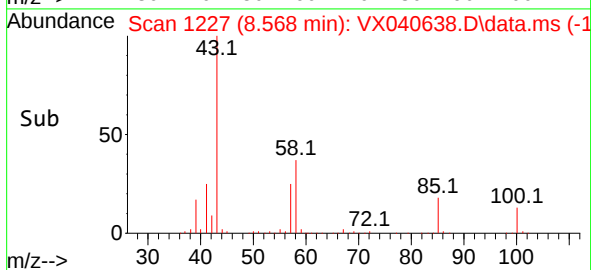
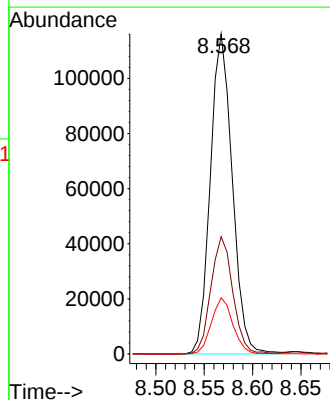
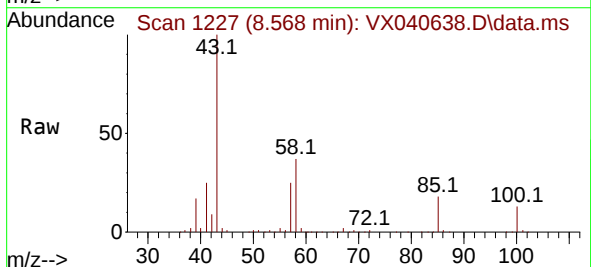
Delta R.T. -0.006 min

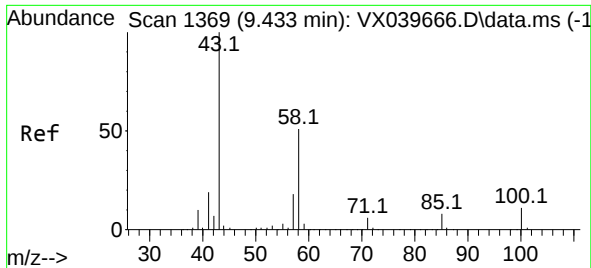
Lab File: VX040638.D

Acq: 14 Mar 2024 16:05

Tgt Ion: 43 Resp: 183460

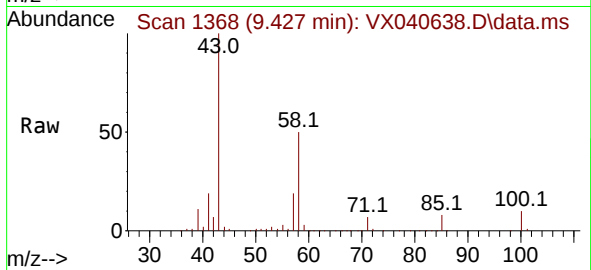
Ion	Ratio	Lower	Upper
43	100		
58	36.6	30.1	45.1
85	17.3	13.9	20.9





#59
2-Hexanone
Concen: 104.172 ug/l
RT: 9.427 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX040638.D
Acq: 14 Mar 2024 16:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

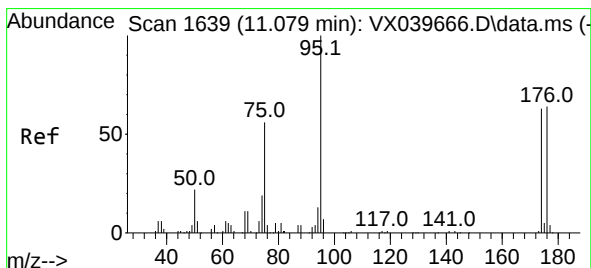
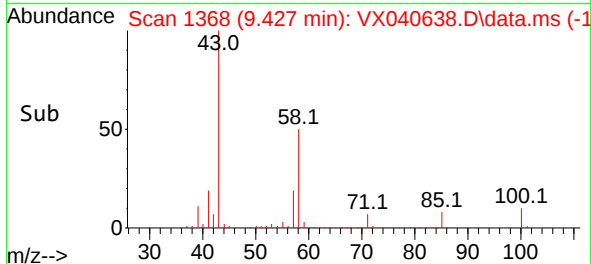
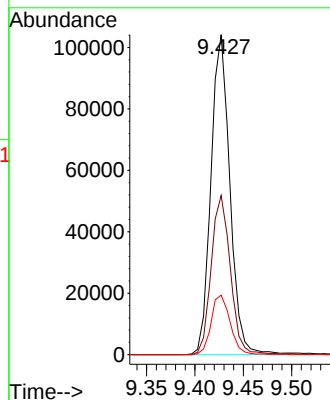


Tgt Ion: 43 Resp: 141552
Ion Ratio Lower Upper
43 100
58 50.3 42.7 64.1
57 18.8 14.8 22.2

Manual Integrations
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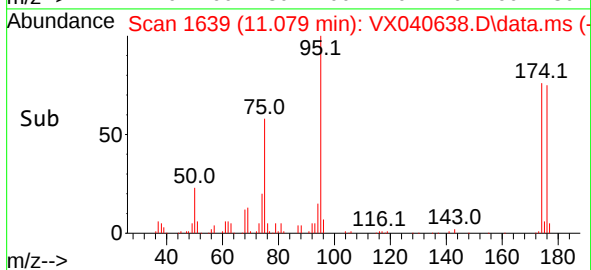
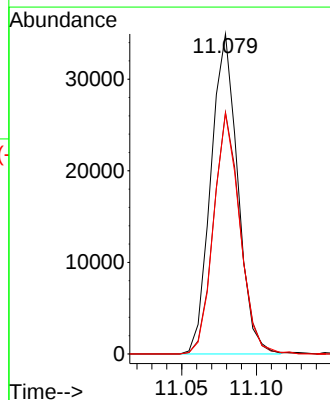
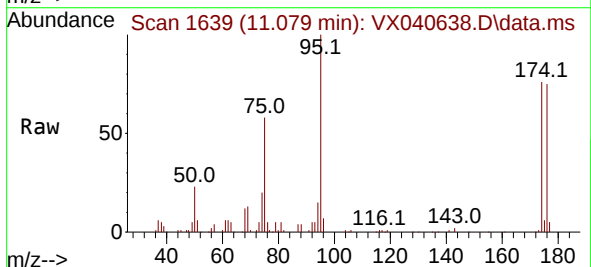
Reviewed By :John
Carlone
03/15/2024

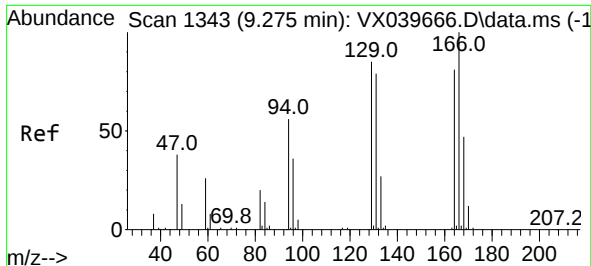
Supervised By :Mahesh
Dadoda
03/15/2024



#60
4-Bromofluorobenzene
Concen: 33.674 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX040638.D
Acq: 14 Mar 2024 16:05

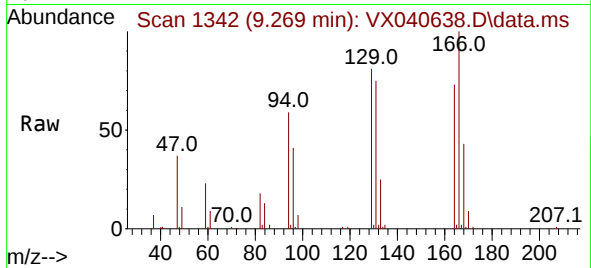
Tgt Ion: 95 Resp: 43637
Ion Ratio Lower Upper
95 100
174 74.2 55.4 83.2
176 73.3 52.6 78.8





#61
Tetrachloroethene
Concen: 23.432 ug/l
RT: 9.269 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX040638.D
Acq: 14 Mar 2024 16:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

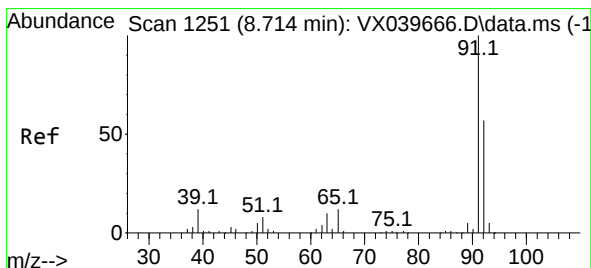
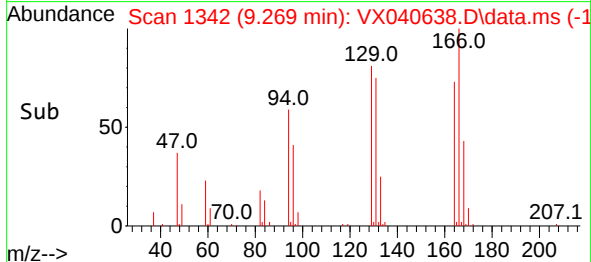
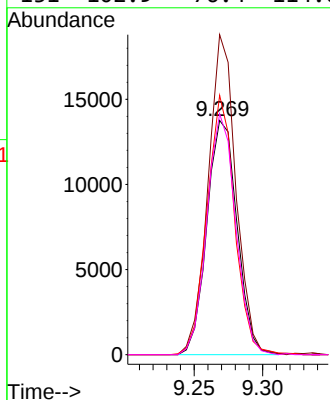


Tgt Ion:164 Resp: 2101
Ion Ratio Lower Upper
164 100
166 136.6 104.0 156.0
129 110.3 82.0 123.0
131 102.9 76.4 114.6

Manual Integrations
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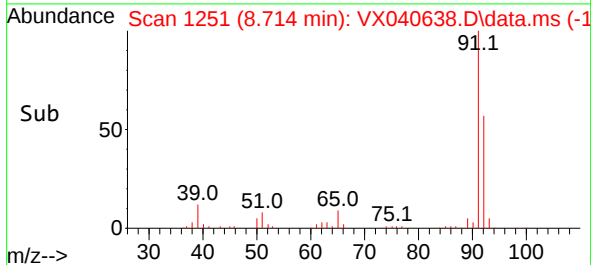
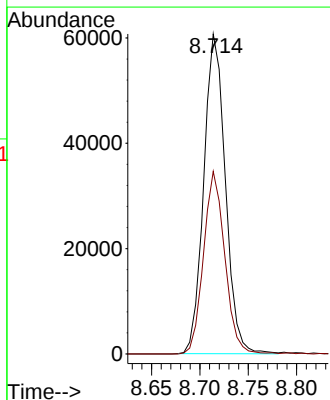
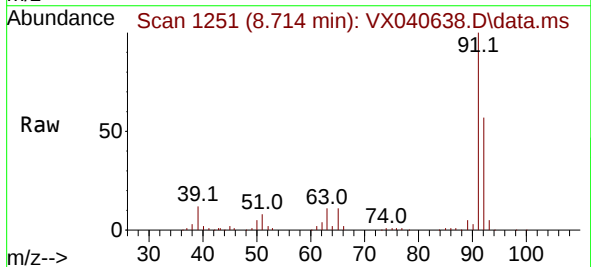
Reviewed By :John
Carlone
03/15/2024

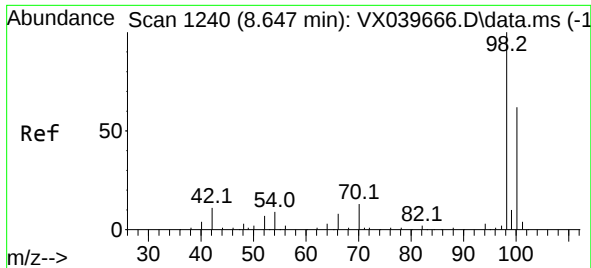
Supervised By :Mahesh
Dadoda
03/15/2024



#62
Toluene
Concen: 22.697 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX040638.D
Acq: 14 Mar 2024 16:05

Tgt Ion: 91 Resp: 94441
Ion Ratio Lower Upper
91 100
92 56.2 45.9 68.9





#63
Toluene-d8
Concen: 34.067 ug/l
RT: 8.647 min Scan# 113738
Delta R.T. -0.000 min
Lab File: VX040638.D
Acq: 14 Mar 2024 16:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 98 Resp: 113738
Ion Ratio Lower Upper
98 100
100 62.9 51.0 76.4

Manual Integrations
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Reviewed By :John

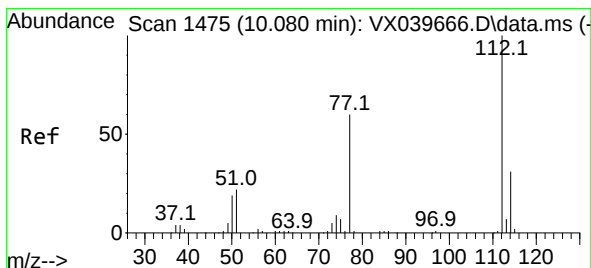
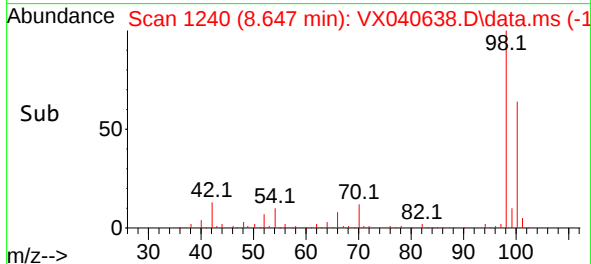
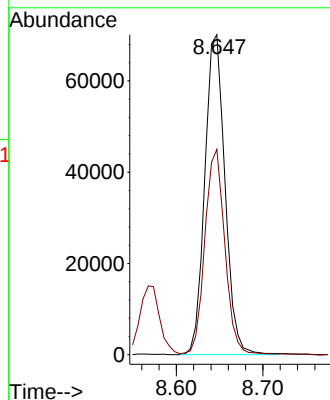
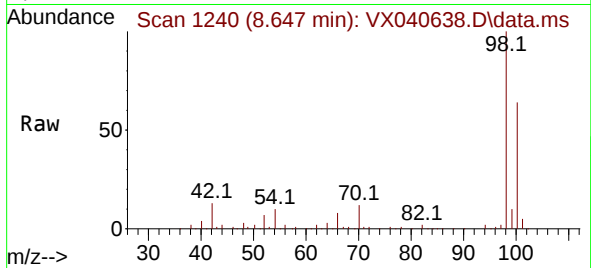
Carlone

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Supervised By :Mahesh

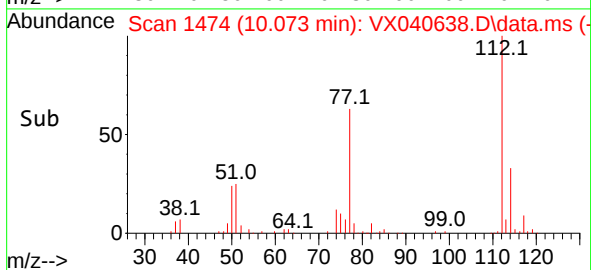
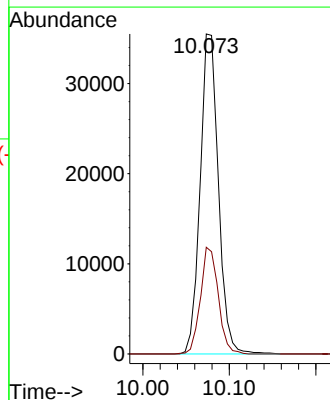
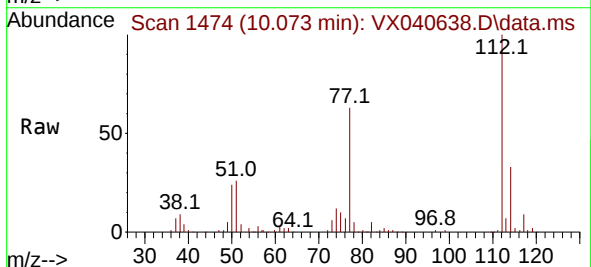
Dadoda

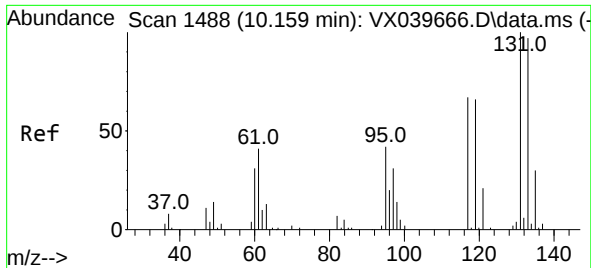
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#64
Chlorobenzene
Concen: 20.433 ug/l
RT: 10.073 min Scan# 1474
Delta R.T. -0.007 min
Lab File: VX040638.D
Acq: 14 Mar 2024 16:05

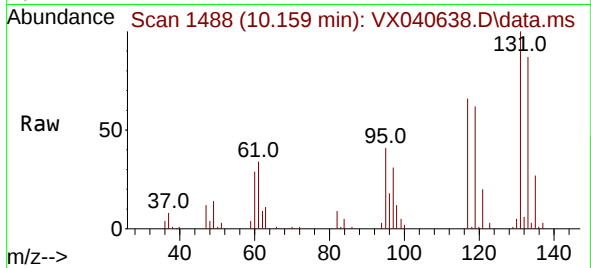
Tgt Ion:112 Resp: 51964
Ion Ratio Lower Upper
112 100
114 33.3 25.9 38.9





#65
1,1,1,2-Tetrachloroethane
Concen: 19.918 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX040638.D
Acq: 14 Mar 2024 16:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

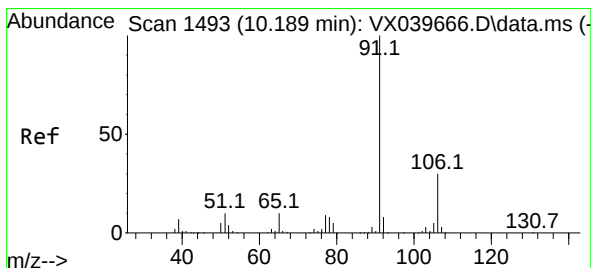
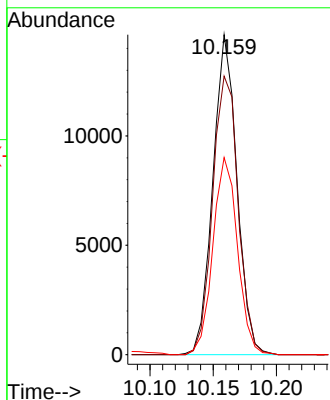


Tgt Ion:131 Resp: 19320
Ion Ratio Lower Upper
131 100
133 92.6 0.0 191.8
119 63.1 0.0 135.4

Manual Integrations
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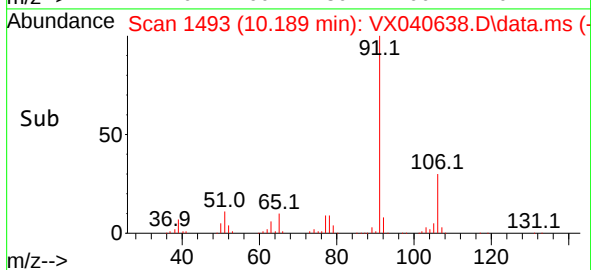
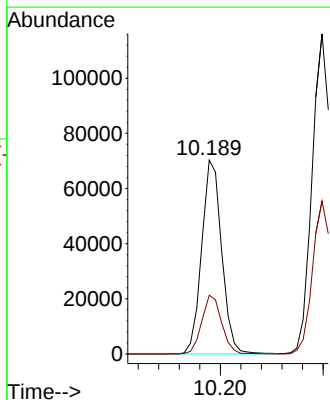
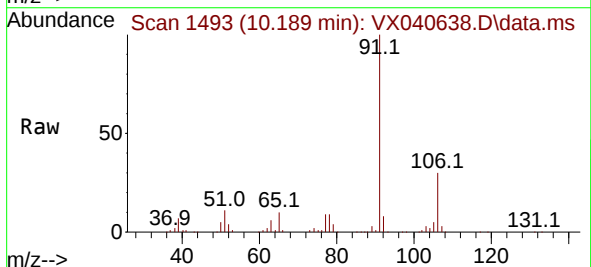
Reviewed By :John
Carlone
03/15/2024

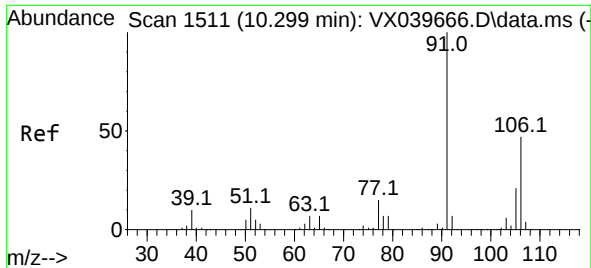
Supervised By :Mahesh
Dadoda
03/15/2024



#66
Ethyl Benzene
Concen: 19.831 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VX040638.D
Acq: 14 Mar 2024 16:05

Tgt Ion: 91 Resp: 95138
Ion Ratio Lower Upper
91 100
106 30.3 24.4 36.6





#67
m/p-Xylenes
Concen: 41.156 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX040638.D
Acq: 14 Mar 2024 16:05

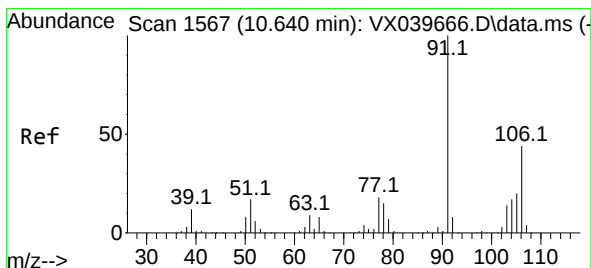
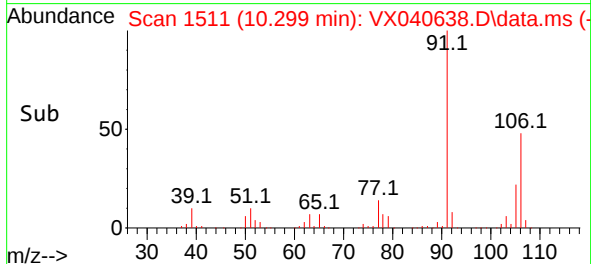
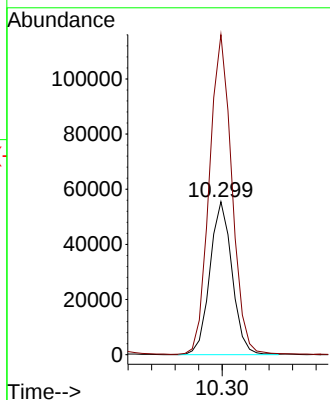
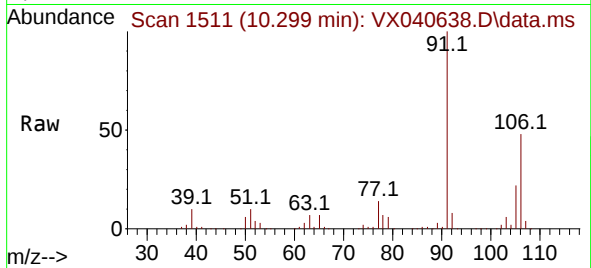
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion:106 Resp: 72912
Ion Ratio Lower Upper
106 100
91 212.8 169.4 254.0

Manual Integrations
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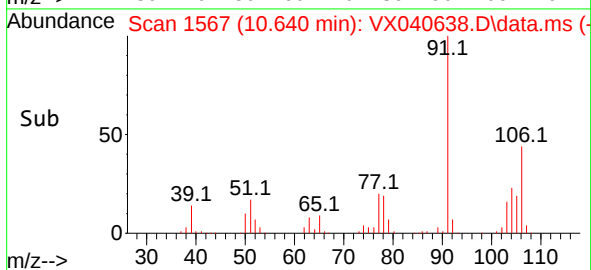
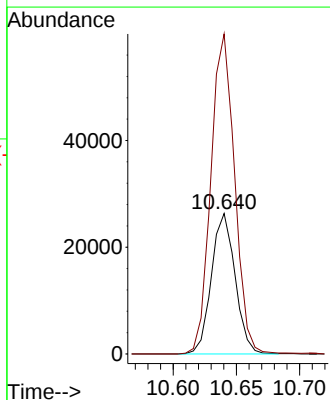
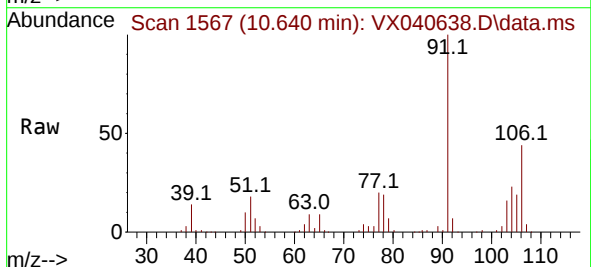
Reviewed By :John
Carlone
03/15/2024

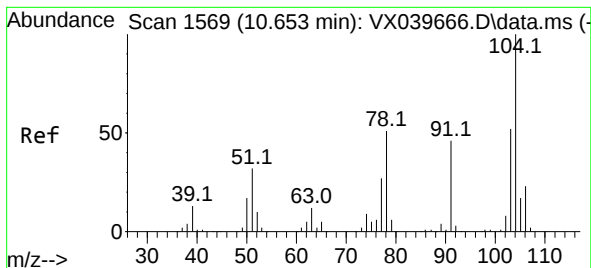
Supervised By :Mahesh
Dadoda
03/15/2024



#68
o-Xylene
Concen: 20.100 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX040638.D
Acq: 14 Mar 2024 16:05

Tgt Ion:106 Resp: 34280
Ion Ratio Lower Upper
106 100
91 228.6 111.2 333.6





#69

Styrene

Concen: 20.575 ug/l

RT: 10.653 min Scan# 1569

Delta R.T. -0.001 min

Lab File: VX040638.D

Acq: 14 Mar 2024 16:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion:104	Resp:	58950
Ion Ratio	Lower	Upper
104	100	
78	56.0	43.7 65.5
103	55.0	44.6 67.0

Manual Integrations

APPROVED

Reviewed By :John

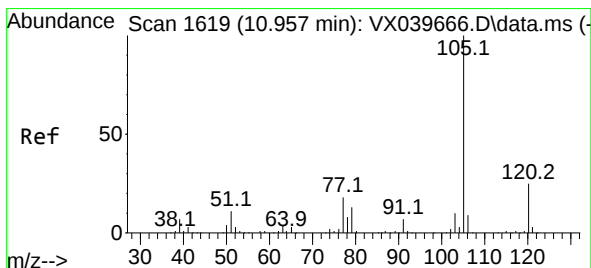
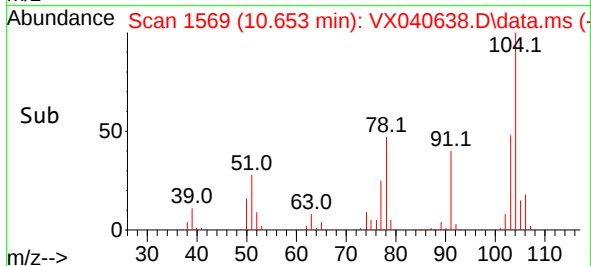
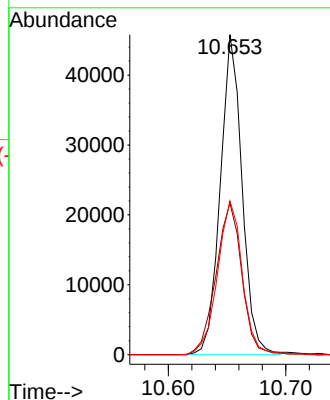
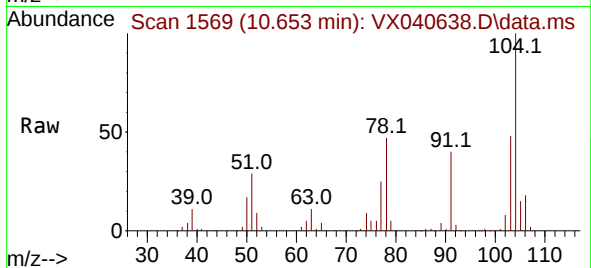
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Supervised By :Mahesh

Dadoda

03/15/2024



#70

Isopropylbenzene

Concen: 21.035 ug/l

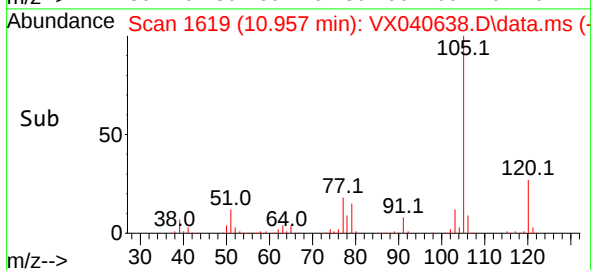
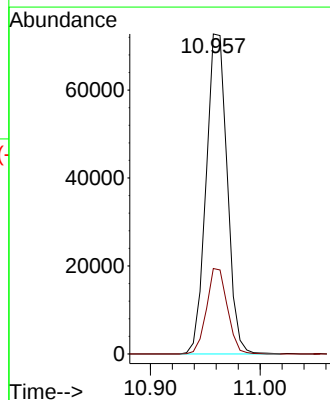
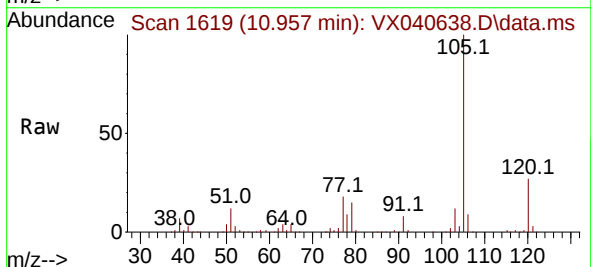
RT: 10.957 min Scan# 1619

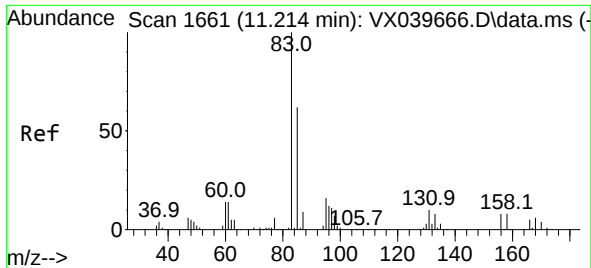
Delta R.T. 0.000 min

Lab File: VX040638.D

Acq: 14 Mar 2024 16:05

Tgt Ion:105	Resp:	96936
Ion Ratio	Lower	Upper
105	100	
120	26.4	18.5 34.3





#71
1,1,2,2-Tetrachloroethane
Concen: 22.229 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. -0.007 min
Lab File: VX040638.D
Acq: 14 Mar 2024 16:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 83 Resp: 3591
Ion Ratio Lower Upper
83 100
131 9.9 4.6 13.8
85 65.3 32.5 97.4

Manual Integrations
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Reviewed By :John

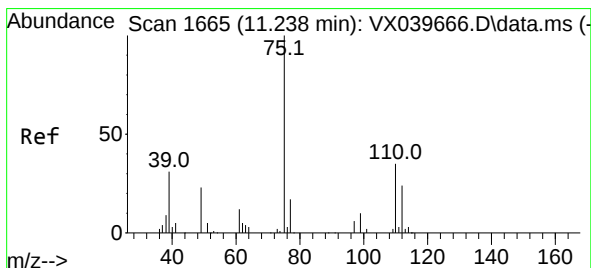
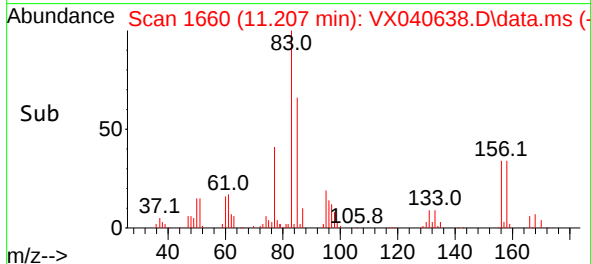
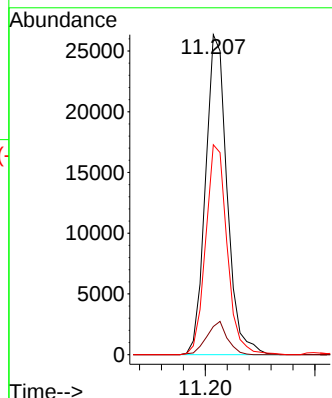
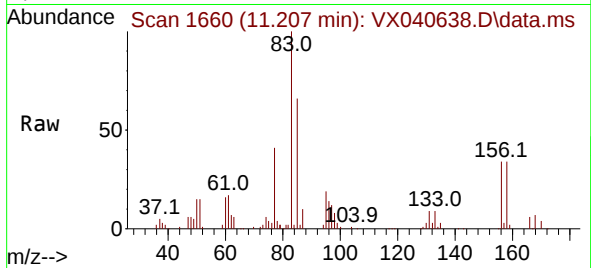
Carlone

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Supervised By :Mahesh

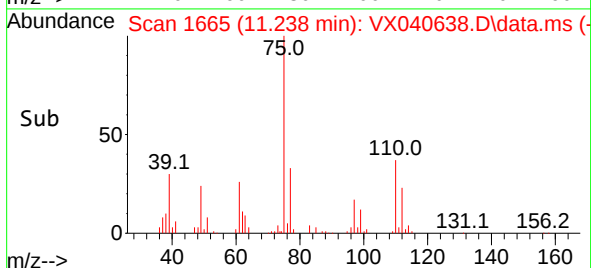
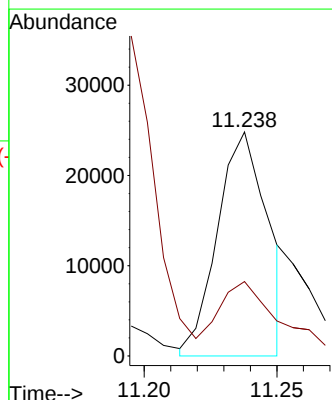
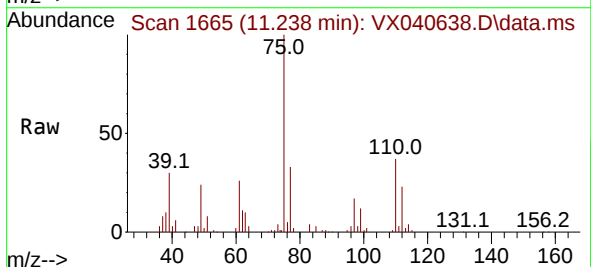
Dadoda

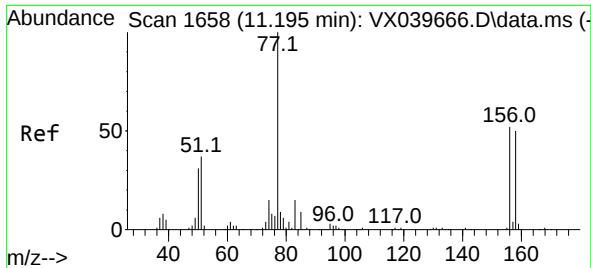
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#72
1,2,3-Trichloropropane
Concen: 22.486 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX040638.D
Acq: 14 Mar 2024 16:05

Tgt Ion: 75 Resp: 32685
Ion Ratio Lower Upper
75 100
77 41.4 0.0 76.4





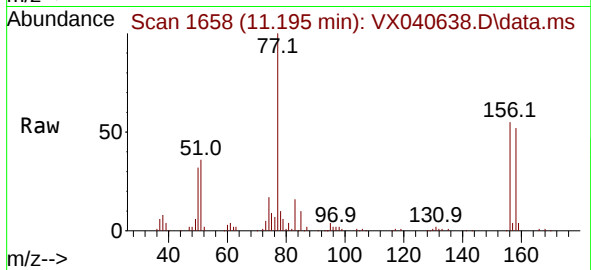
#73
Bromobenzene
Concen: 22.860 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX040638.D
Acq: 14 Mar 2024 16:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC



Tgt Ion:156 Resp: 24939
Ion Ratio Lower Upper
156 100
77 175.1 0.0 363.2
158 96.8 0.0 197.8

Manual Integrations

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Reviewed By :John

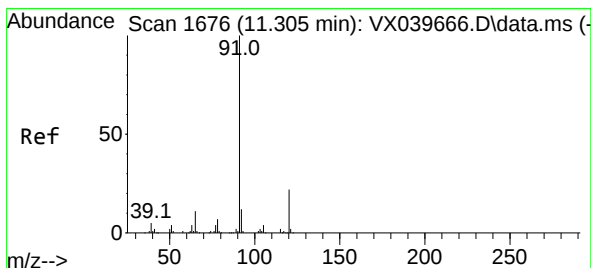
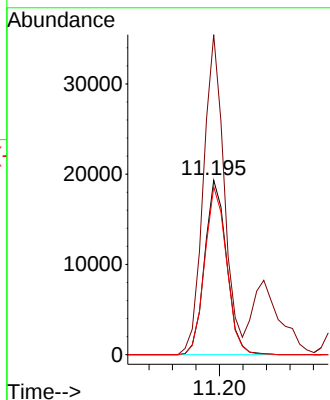
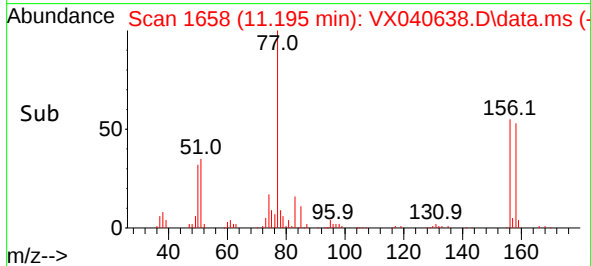
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Supervised By :Mahesh

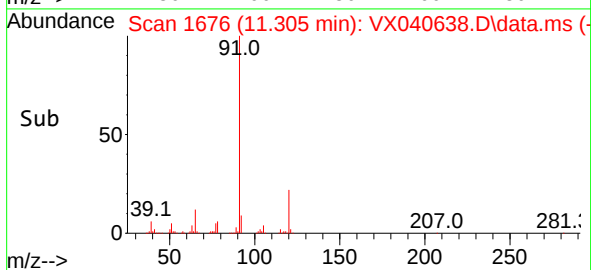
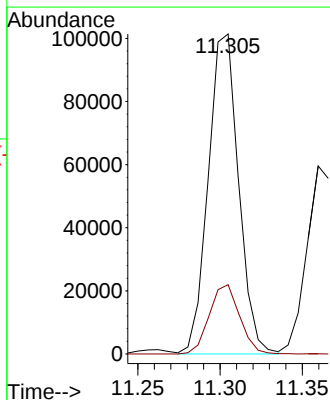
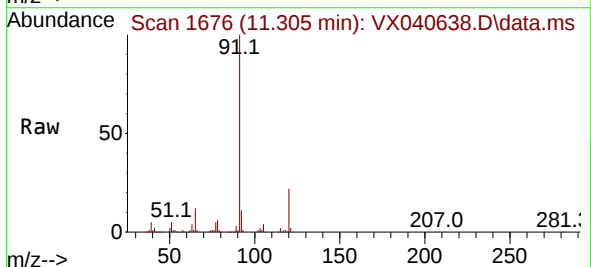
Dadoda

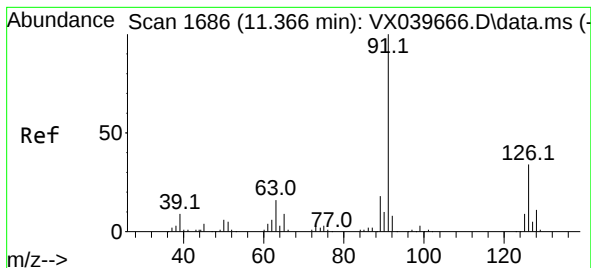
03/15/2024



#74
n-propylbenzene
Concen: 22.890 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX040638.D
Acq: 14 Mar 2024 16:05

Tgt Ion: 91 Resp: 130277
Ion Ratio Lower Upper
91 100
120 21.6 0.0 43.4





#75
2-Chlorotoluene
Concen: 22.943 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. -0.006 min
Lab File: VX040638.D
Acq: 14 Mar 2024 16:05

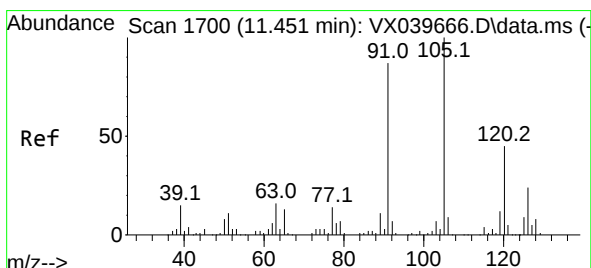
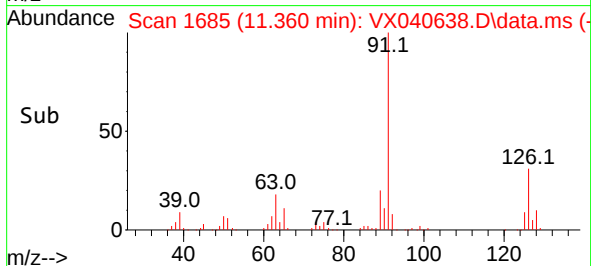
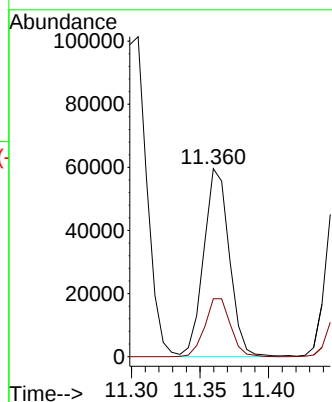
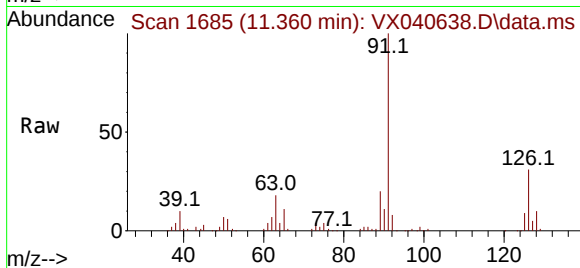
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 91 Resp: 77489
Ion Ratio Lower Upper
91 100
126 30.9 0.0 64.2

Manual Integrations
APPROVED

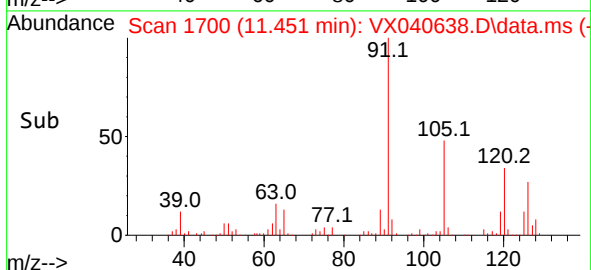
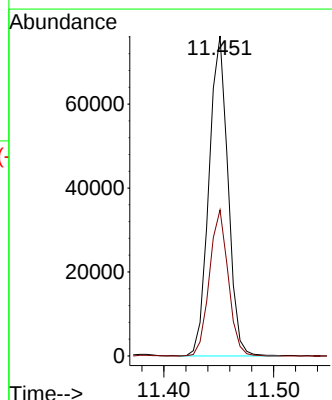
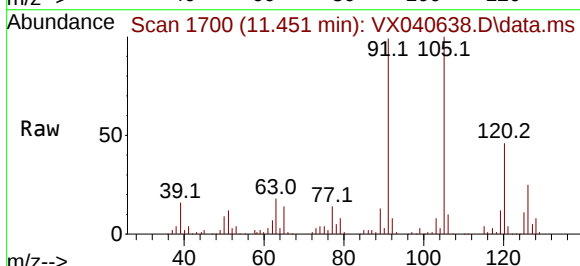
Reviewed By :John
Carlone
03/15/2024

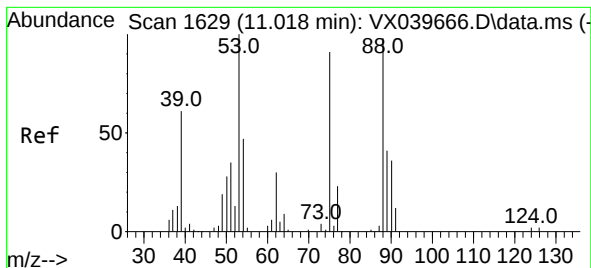
Supervised By :Mahesh
Dadoda
03/15/2024



#76
1,3,5-Trimethylbenzene
Concen: 22.651 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX040638.D
Acq: 14 Mar 2024 16:05

Tgt Ion:105 Resp: 91897
Ion Ratio Lower Upper
105 100
120 45.0 0.0 92.6





#77
t-1,4-Dichloro-2-butene
Concen: 20.447 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX040638.D
Acq: 14 Mar 2024 16:05

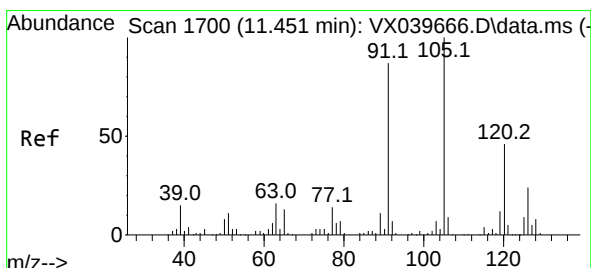
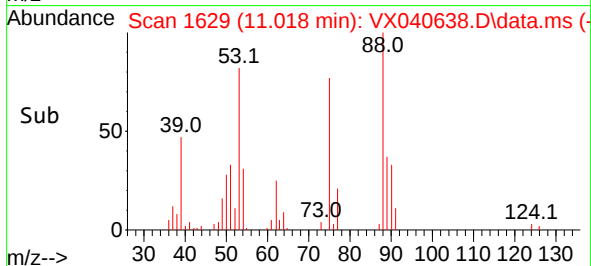
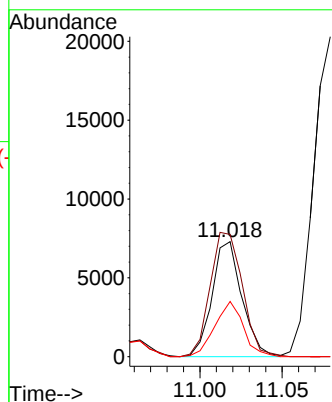
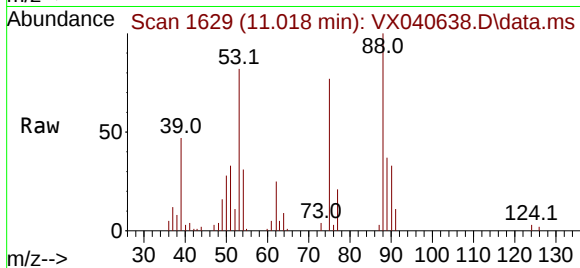
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 75 Resp: 923
Ion Ratio Lower Upper
75 100
53 106.3 46.9 140.8
89 48.0 21.3 63.7

Manual Integrations
APPROVED

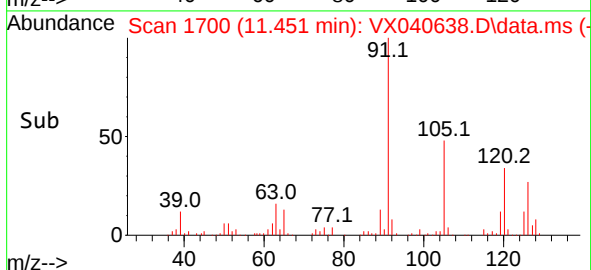
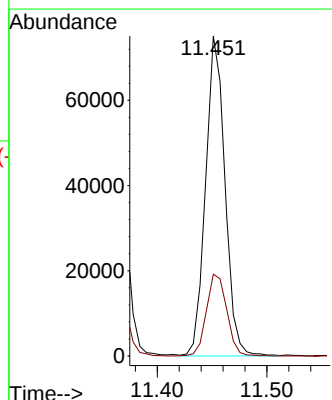
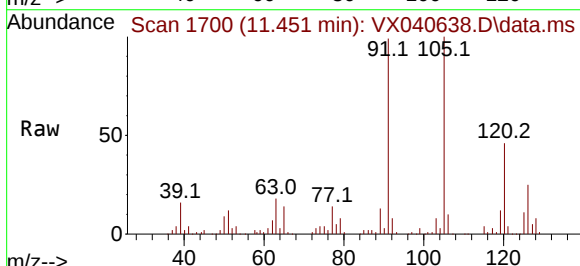
Reviewed By :John
Carlone
03/15/2024

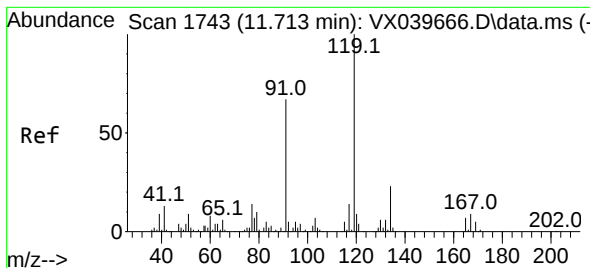
Supervised By :Mahesh
Dadoda
03/15/2024



#78
4-Chlorotoluene
Concen: 22.918 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX040638.D
Acq: 14 Mar 2024 16:05

Tgt Ion: 91 Resp: 92341
Ion Ratio Lower Upper
91 100
126 26.8 0.0 57.4





#79
tert-butylbenzene
Concen: 22.767 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX040638.D
Acq: 14 Mar 2024 16:05

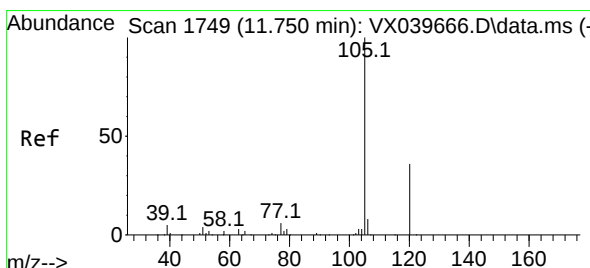
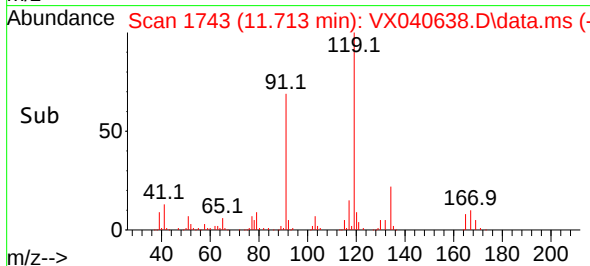
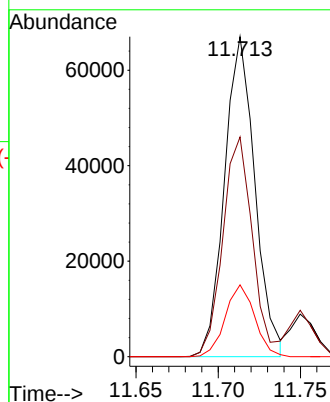
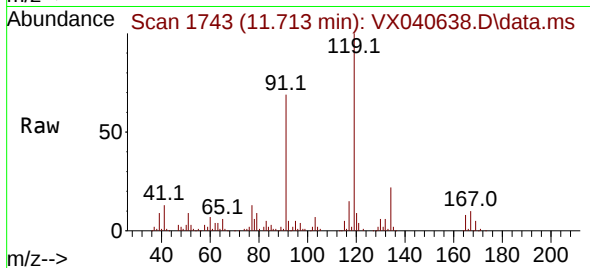
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion:119 Resp: 8621
Ion Ratio Lower Upper
119 100
91 66.0 0.0 125.6
134 21.7 0.0 43.8

Manual Integrations
APPROVED

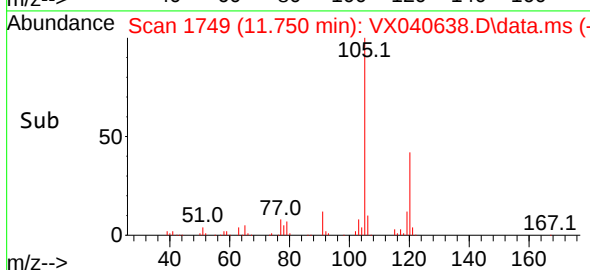
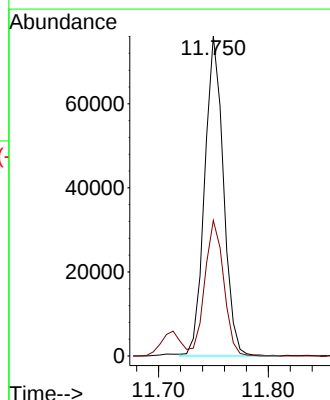
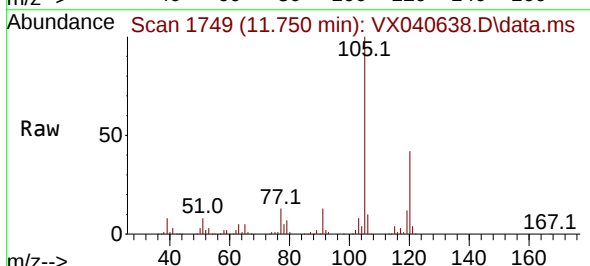
Reviewed By :John
Carlone
03/15/2024

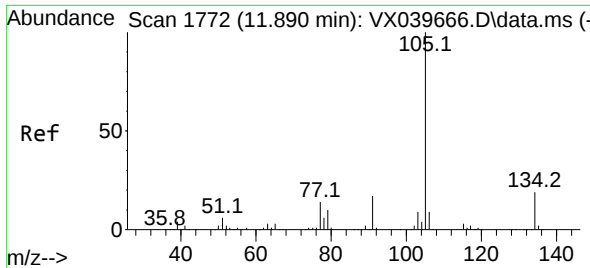
Supervised By :Mahesh
Dadoda
03/15/2024



#80
1,2,4-Trimethylbenzene
Concen: 22.627 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX040638.D
Acq: 14 Mar 2024 16:05

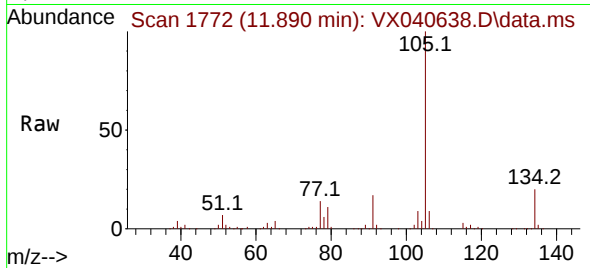
Tgt Ion:105 Resp: 90447
Ion Ratio Lower Upper
105 100
120 42.7 0.0 86.4





#81
 sec-Butylbenzene
 Concen: 22.622 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX040638.D
 Acq: 14 Mar 2024 16:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

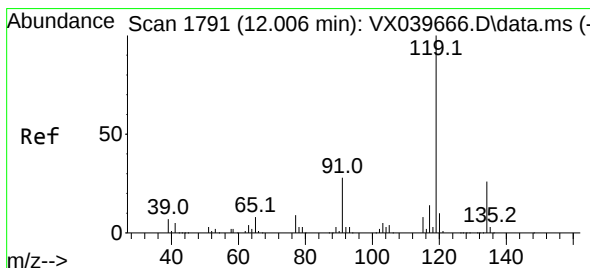
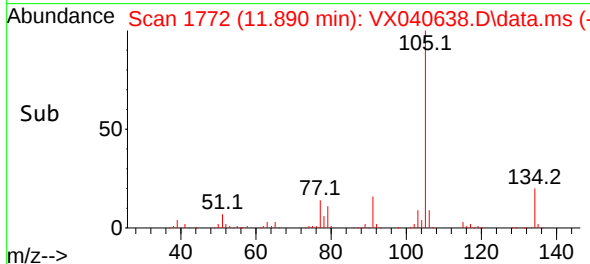
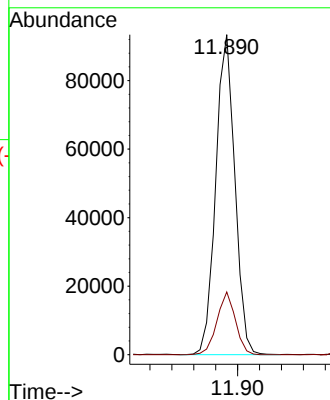


Tgt Ion:105 Resp: 113098
 Ion Ratio Lower Upper
 105 100
 134 18.9 0.0 38.4

Manual Integrations
 APPROVED

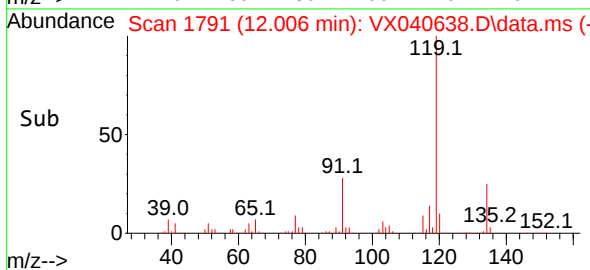
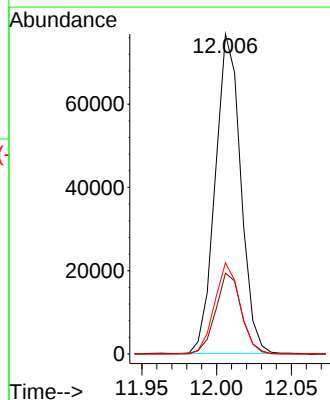
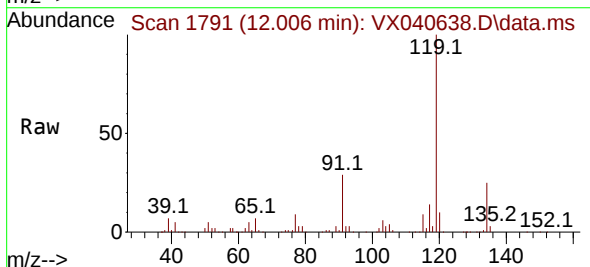
Reviewed By :John
 Carlone
 03/15/2024

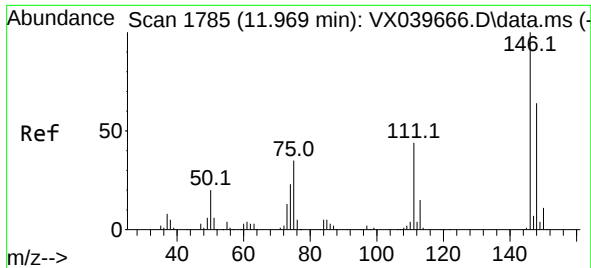
Supervised By :Mahesh
 Dadoda
 03/15/2024



#82
 p-Isopropyltoluene
 Concen: 22.193 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX040638.D
 Acq: 14 Mar 2024 16:05

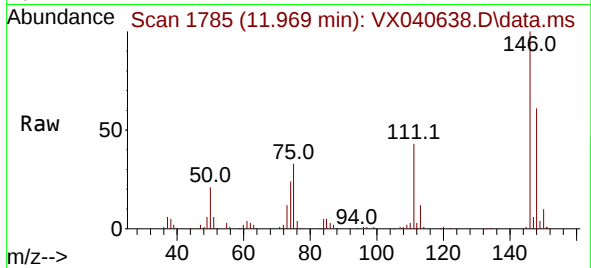
Tgt Ion:119 Resp: 90820
 Ion Ratio Lower Upper
 119 100
 134 25.6 0.0 52.6
 91 28.4 0.0 54.2





#83
1,3-Dichlorobenzene
Concen: 23.000 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX040638.D
Acq: 14 Mar 2024 16:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

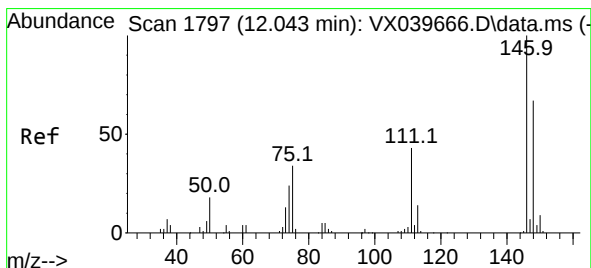
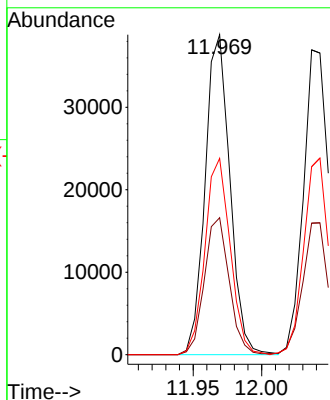


Tgt Ion:146 Resp: 48823
Ion Ratio Lower Upper
146 100
111 43.0 22.3 66.9
148 62.4 32.8 98.3

Manual Integrations
APPROVED

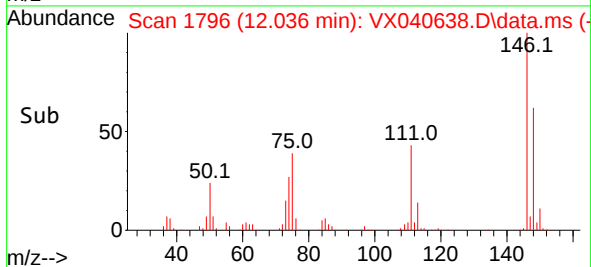
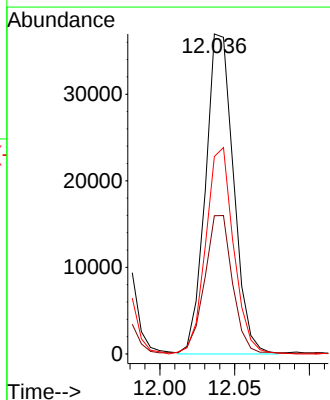
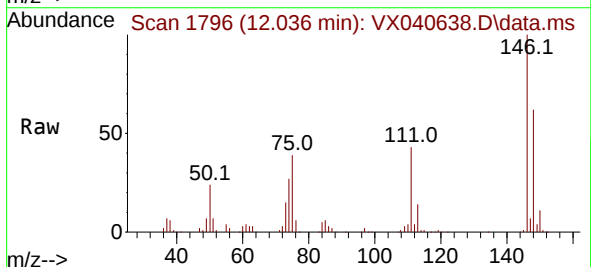
Reviewed By :John
Carlone
03/15/2024

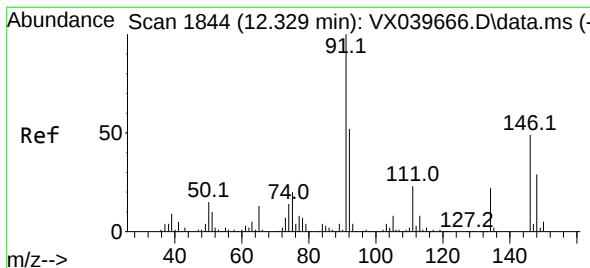
Supervised By :Mahesh
Dadoda
03/15/2024



#84
1,4-Dichlorobenzene
Concen: 22.301 ug/l
RT: 12.036 min Scan# 1796
Delta R.T. -0.007 min
Lab File: VX040638.D
Acq: 14 Mar 2024 16:05

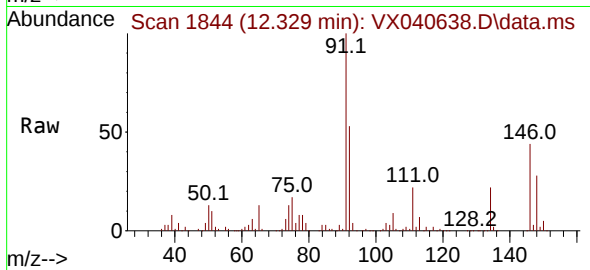
Tgt Ion:146 Resp: 48411
Ion Ratio Lower Upper
146 100
111 43.1 21.4 64.2
148 64.0 31.8 95.4





#85
n-Butylbenzene
Concen: 21.742 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX040638.D
Acq: 14 Mar 2024 16:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

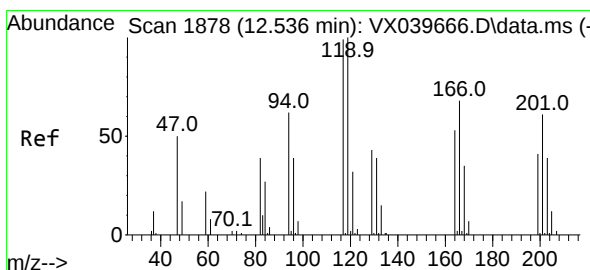
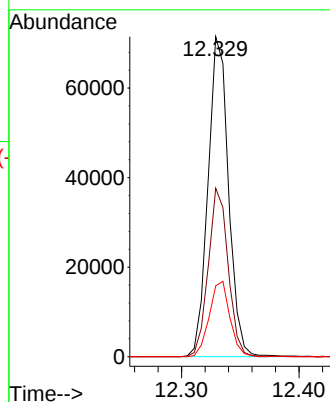


Tgt Ion: 91 Resp: 86570
Ion Ratio Lower Upper
91 100
92 51.2 0.0 106.2
134 23.7 0.0 48.8

Manual Integrations
APPROVED

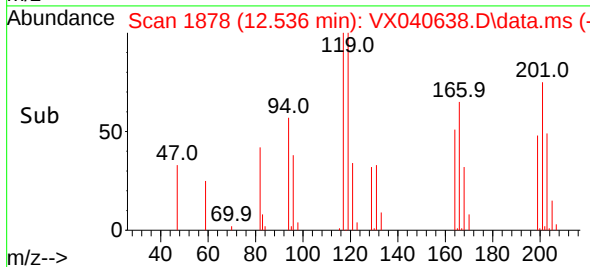
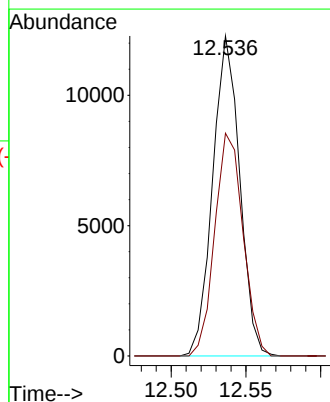
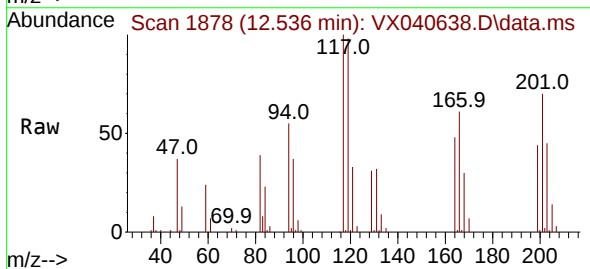
Reviewed By :John
Carlone
03/15/2024

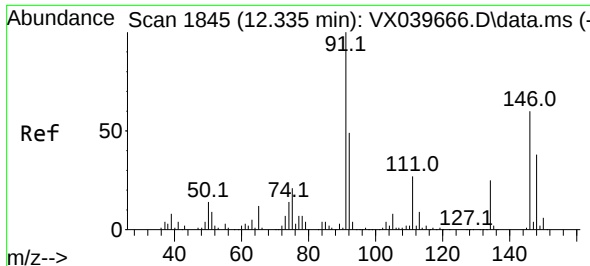
Supervised By :Mahesh
Dadoda
03/15/2024



#86
Hexachloroethane
Concen: 21.599 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX040638.D
Acq: 14 Mar 2024 16:05

Tgt Ion:117 Resp: 15423
Ion Ratio Lower Upper
117 100
201 72.8 31.8 95.3





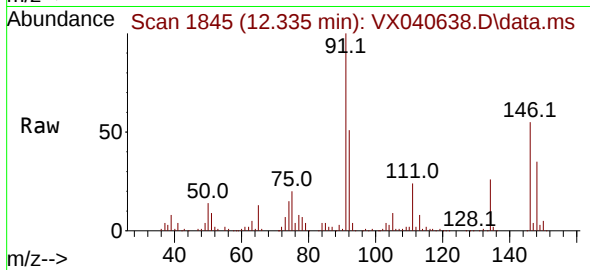
#87
1,2-Dichlorobenzene
Concen: 22.371 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX040638.D
Acq: 14 Mar 2024 16:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC



Tgt Ion:146 Resp: 46140
Ion Ratio Lower Upper
146 100
111 45.1 22.4 67.2
148 63.9 31.9 95.7

Manual Integrations

APPROVED

Reviewed By :John

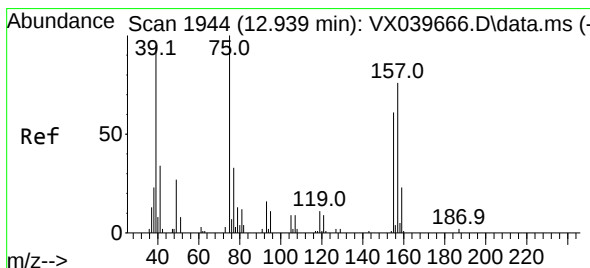
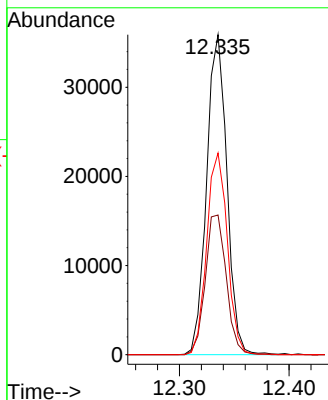
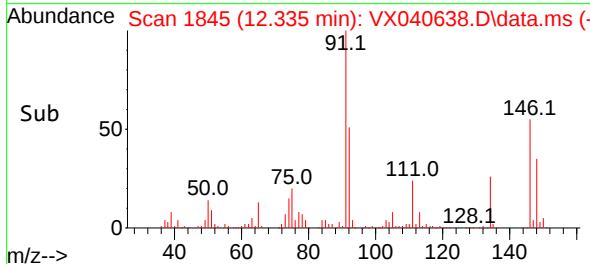
Carlone

03/15/2024

Supervised By :Mahesh

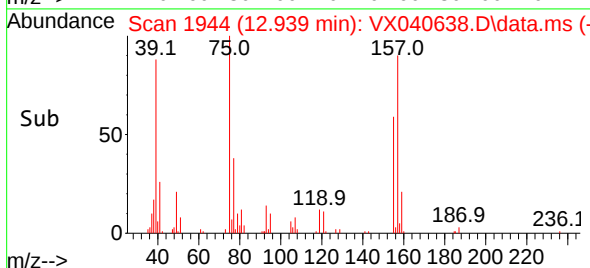
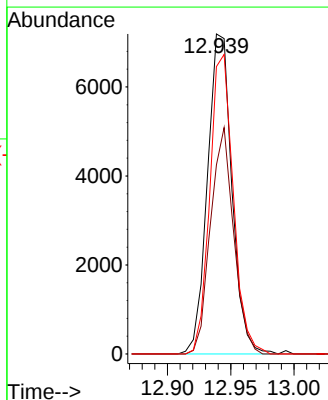
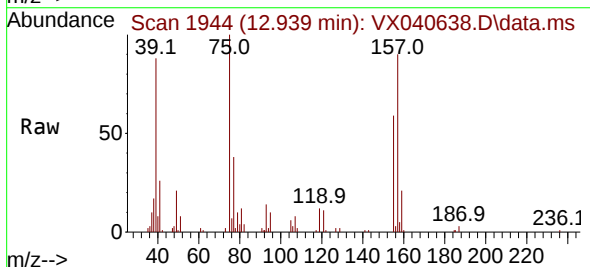
Dadoda

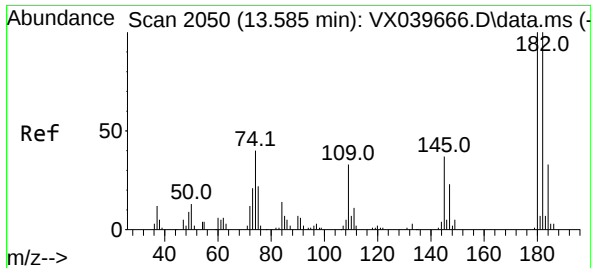
03/15/2024



#88
1,2-Dibromo-3-Chloropropane
Concen: 22.372 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX040638.D
Acq: 14 Mar 2024 16:05

Tgt Ion: 75 Resp: 9664
Ion Ratio Lower Upper
75 100
155 66.9 58.2 87.4
157 89.7 76.5 114.7





#89
1,2,4-Trichlorobenzene
Concen: 21.768 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX040638.D
Acq: 14 Mar 2024 16:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion:180 Resp: 30234
Ion Ratio Lower Upper
180 100
182 95.7 74.5 111.7
145 32.9 26.6 40.0

Manual Integrations
APPROVED

Reviewed By :John

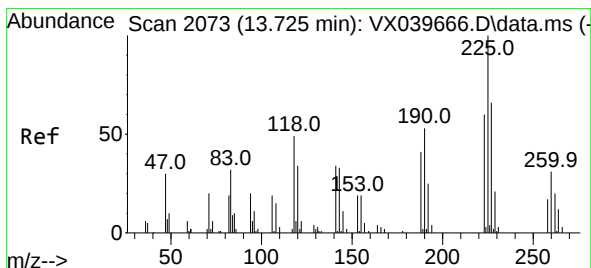
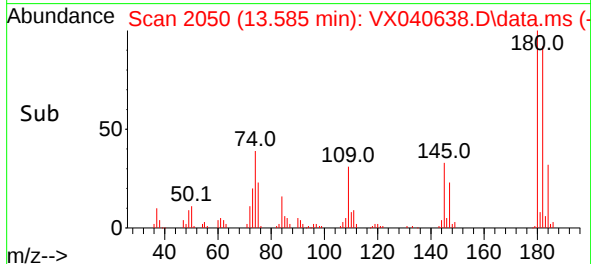
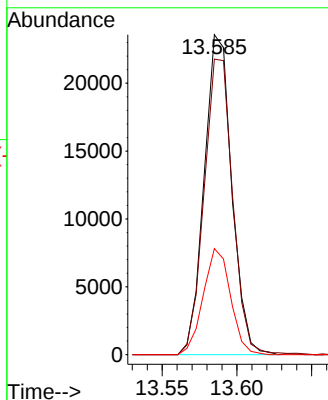
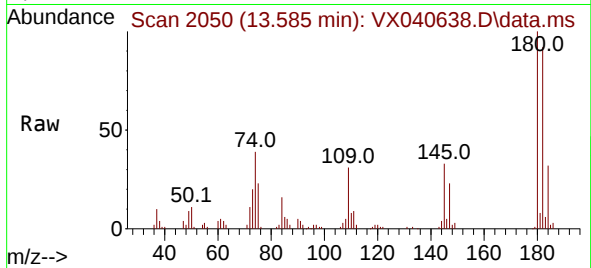
Carlone

03/15/2024

Supervised By :Mahesh

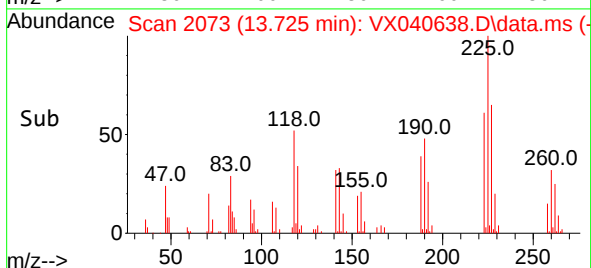
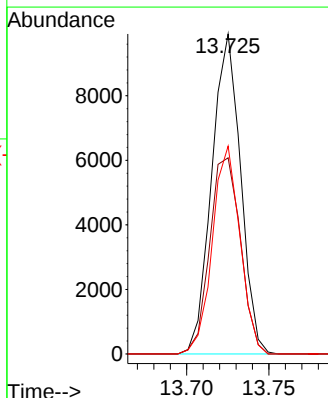
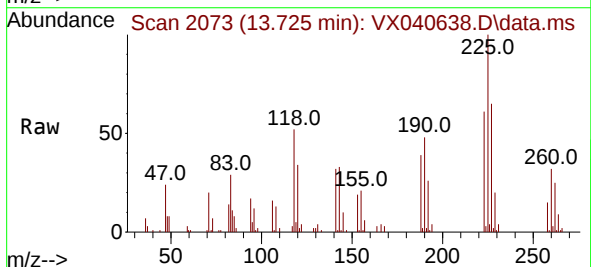
Dadoda

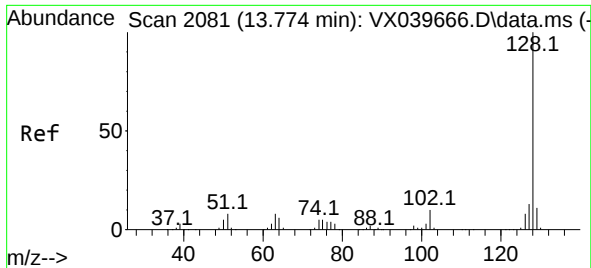
03/15/2024



#90
Hexachlorobutadiene
Concen: 21.558 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX040638.D
Acq: 14 Mar 2024 16:05

Tgt Ion:225 Resp: 12107
Ion Ratio Lower Upper
225 100
223 65.5 0.0 124.4
227 62.1 0.0 124.4





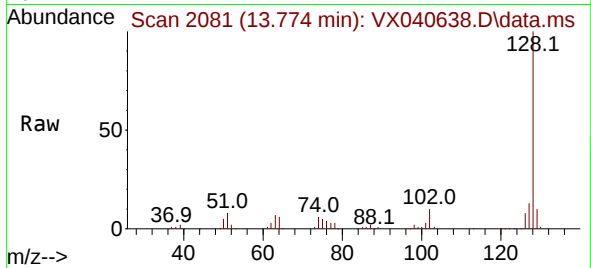
#91
Naphthalene
Concen: 21.485 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX040638.D
Acq: 14 Mar 2024 16:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC



Tgt Ion:128 Resp: 97336
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.2
129 10.5 8.6 12.8

Manual Integrations

APPROVED

Reviewed By :John

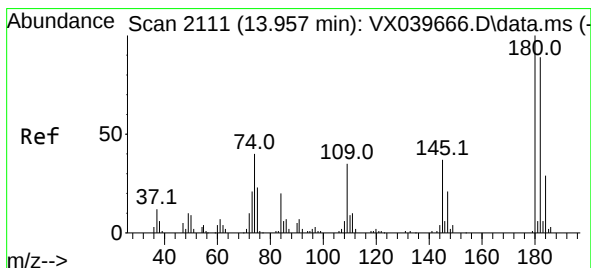
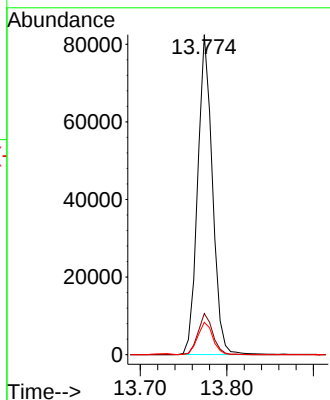
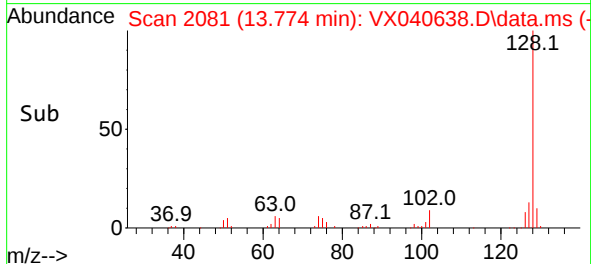
Carlone

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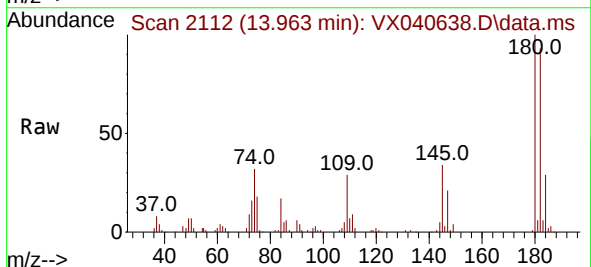
Supervised By :Mahesh

Dadoda

03/15/2024



#92
1,2,3-Trichlorobenzene
Concen: 21.915 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VX040638.D
Acq: 14 Mar 2024 16:05



Tgt Ion:180 Resp: 30012
Ion Ratio Lower Upper
180 100
182 95.1 0.0 191.6
145 34.5 0.0 69.6

