

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031924\
 Data File : VX040709.D
 Acq On : 19 Mar 2024 08:52
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Quant Time: Mar 20 04:30:32 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

03/20/2024
 Supervised By :Mahesh
 Dadoda

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

Internal Standards						
1) Bromochloromethane	4.891	128	16751	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	91913	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.049	117	89229	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.946	65	49349	29.497	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	98.333%
60) 4-Bromofluorobenzene	11.079	95	48413	31.631	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	105.433%
63) Toluene-d8	8.647	98	117748	29.861	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	99.533%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	21997	19.361	ug/l	98
3) Chloromethane	1.294	50	21725	18.663	ug/l	97
4) Vinyl Chloride	1.374	62	23930	19.021	ug/l	96
5) Bromomethane	1.611	94	18492	24.067	ug/l	98
6) Chloroethane	1.691	64	14713	19.906	ug/l	94
7) Trichlorofluoromethane	1.892	101	41737	21.790	ug/l	96
8) Diethyl Ether	2.130	74	11807	18.155	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.331	101	17764	16.931	ug/l	93
10) 1,1-Dichloroethene	2.319	96	15940	15.957	ug/l	91
11) Methyl Iodide	2.453	142	14550	12.043	ug/l	96
12) Methyl Acetate	2.697	43	31513	19.152	ug/l	95
13) Acrolein	2.233	56	16893	54.457	ug/l	95
14) Acrylonitrile	3.056	53	57264	88.380	ug/l	95
15) Acetone	2.373	58	22229	120.023	ug/l	73
16) Carbon Disulfide	2.514	76	47884	17.442	ug/l	97
17) Allyl chloride	2.666	41	35330	19.166	ug/l	94
18) Methylene Chloride	2.788	84	21926	19.225	ug/l	98
19) trans-1,2-Dichloroethene	3.093	96	21037	19.290	ug/l	95
20) Diisopropyl ether	3.757	45	71824	19.482	ug/l	94
21) 1,1-Dichloroethane	3.605	63	41558	19.589	ug/l	99
22) cis-1,2-Dichloroethene	4.489	96	24631	19.449	ug/l	92
23) tert-Butyl Alcohol	2.947	59	24544m	80.174	ug/l	
24) Methyl tert-Butyl Ether	3.111	73	70594	19.149	ug/l	97
25) Chloroform	5.092	83	46063	19.838	ug/l	95
26) Cyclohexane	5.464	56	32515	18.991	ug/l #	98
29) 1,1-Dichloropropene	5.690	75	32118	20.188	ug/l	96
30) 2-Butanone	4.544	43	100236	103.247	ug/l	98
31) 2,2-Dichloropropane	4.465	77	35243	20.524	ug/l	96
32) 1,1,1-Trichloroethane	5.379	97	39987	19.947	ug/l	98
33) Carbon Tetrachloride	5.672	117	33655	19.954	ug/l	95
34) Benzene	6.037	78	85550	19.919	ug/l	98
35) Methacrylonitrile	4.910	41	19147	19.211	ug/l	99
36) 1,2-Dichloroethane	6.086	62	39712	19.998	ug/l	95
37) Trichloroethene	7.123	130	23001	19.929	ug/l	96
38) Methylcyclohexane	7.379	83	34363	20.059	ug/l	95
39) 1,2-Dichloropropane	7.421	63	22642	20.706	ug/l	90
40) Dibromomethane	7.580	93	17317	20.158	ug/l	93
41) Bromodichloromethane	7.818	83	35671	20.872	ug/l	99
42) Vinyl Acetate	3.715	43	321918	96.308	ug/l	100

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Manual Integrations
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.708	43	31897	17.445	ug/l	97
44) Isopropyl Acetate	6.330	43	54660	18.728	ug/l	95
45) 1,4-Dioxane	7.653	88	10236	341.194	ug/l	98
46) Methyl methacrylate	7.690	41	27644	19.070	ug/l	96
47) n-amyl Acetate	10.841	43	45957	18.270	ug/l	96
48) t-1,3-Dichloropropene	8.976	75	35995	19.927	ug/l	90
49) cis-1,3-Dichloropropene	8.366	75	37473	20.364	ug/l	96
50) 1,1,2-Trichloroethane	9.147	97	23071	20.218	ug/l	98
51) Ethyl methacrylate	9.110	69	35039	19.504	ug/l	95
52) 1,3-Dichloropropane	9.305	76	39539	20.306	ug/l	98
53) Dibromochloromethane	9.519	129	25424	19.545	ug/l	97
54) 1,2-Dibromoethane	9.604	107	24818	19.656	ug/l	100
55) 2-Chloroethyl vinyl ether	8.238	63	92983	101.636	ug/l	99
56) Bromoform	10.799	173	18758	20.330	ug/l	98
58) 4-Methyl-2-Pentanone	8.567	43	184822	93.020	ug/l	99
59) 2-Hexanone	9.427	43	156761	97.677	ug/l	96
61) Tetrachloroethene	9.269	164	21560	20.357	ug/l	92
62) Toluene	8.714	91	96214	19.578	ug/l	99
64) Chlorobenzene	10.079	112	59585	19.838	ug/l	98
65) 1,1,1,2-Tetrachloroethane	10.159	131	22424	19.573	ug/l	98
66) Ethyl Benzene	10.189	91	111423	19.664	ug/l	98
67) m/p-Xylenes	10.299	106	82814	39.578	ug/l	96
68) o-Xylene	10.640	106	39144	19.433	ug/l	93
69) Styrene	10.652	104	66363	19.609	ug/l	96
70) Isopropylbenzene	10.957	105	109400	20.100	ug/l	97
71) 1,1,2,2-Tetrachloroethane	11.207	83	37251	19.523	ug/l	100
72) 1,2,3-Trichloropropane	11.238	75	33788m	19.680	ug/l	
73) Bromobenzene	11.195	156	25524	19.809	ug/l	98
74) n-propylbenzene	11.305	91	136535	20.311	ug/l	99
75) 2-Chlorotoluene	11.360	91	81108	20.332	ug/l	99
76) 1,3,5-Trimethylbenzene	11.451	105	94457	19.713	ug/l	99
77) t-1,4-Dichloro-2-butene	11.018	75	10230	19.173	ug/l	77
78) 4-Chlorotoluene	11.451	91	96897	20.362	ug/l	96
79) tert-butylbenzene	11.713	119	87867	19.647	ug/l	97
80) 1,2,4-Trimethylbenzene	11.750	105	95474	20.223	ug/l	98
81) sec-Butylbenzene	11.890	105	116453	19.722	ug/l	99
82) p-Isopropyltoluene	12.006	119	94394	19.530	ug/l	99
83) 1,3-Dichlorobenzene	11.969	146	49931	19.915	ug/l	98
84) 1,4-Dichlorobenzene	12.042	146	51448	20.066	ug/l	99
85) n-Butylbenzene	12.329	91	89828	19.100	ug/l	97
86) Hexachloroethane	12.536	117	16380	19.422	ug/l	91
87) 1,2-Dichlorobenzene	12.335	146	47136	19.347	ug/l	100
88) 1,2-Dibromo-3-Chloropr...	12.945	75	9206	18.044	ug/l	97
89) 1,2,4-Trichlorobenzene	13.585	180	28457	17.347	ug/l	95
90) Hexachlorobutadiene	13.725	225	11614	17.509	ug/l	98
91) Naphthalene	13.774	128	84242	15.743	ug/l	99
92) 1,2,3-Trichlorobenzene	13.963	180	28825	17.821	ug/l	100

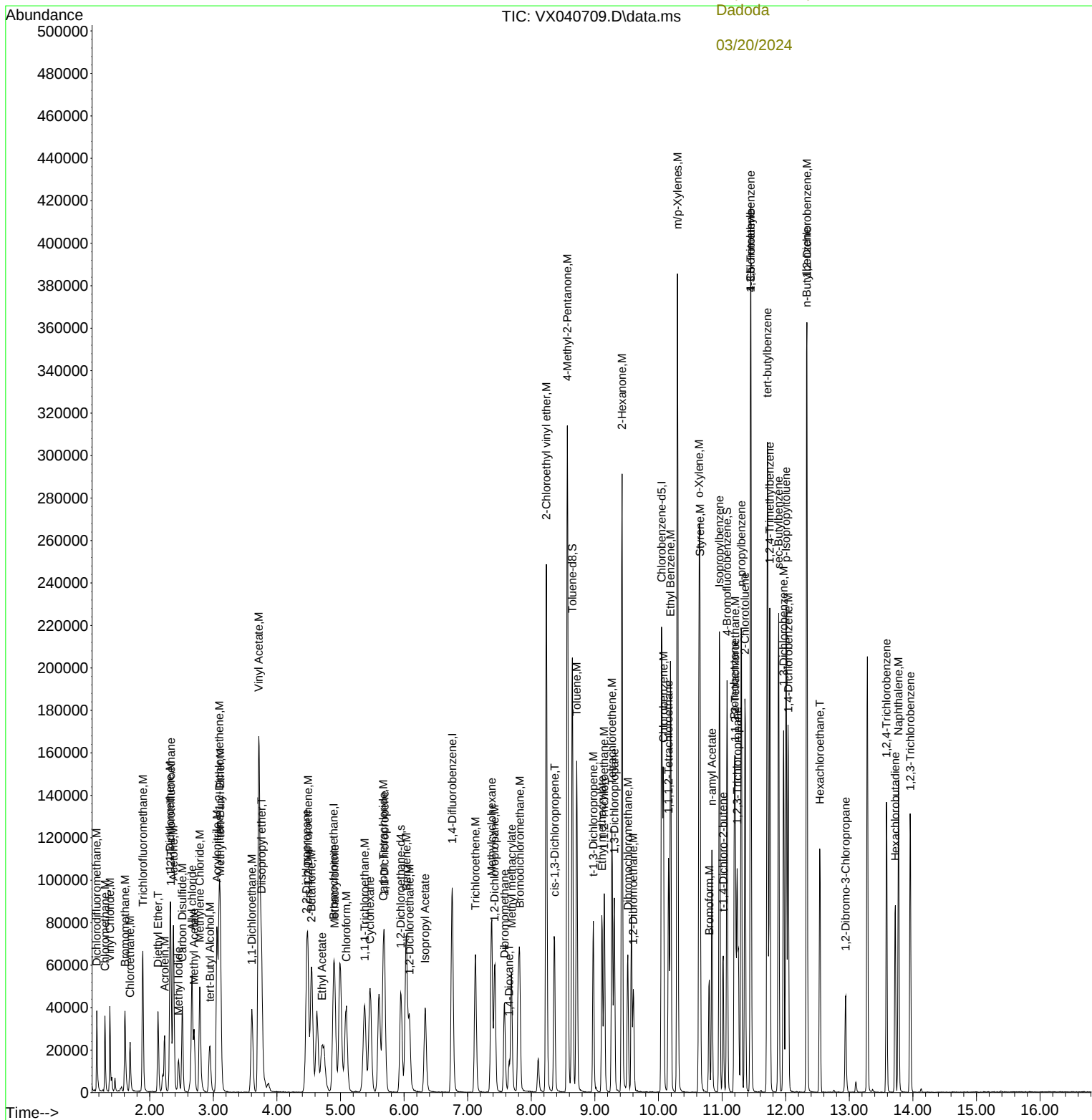
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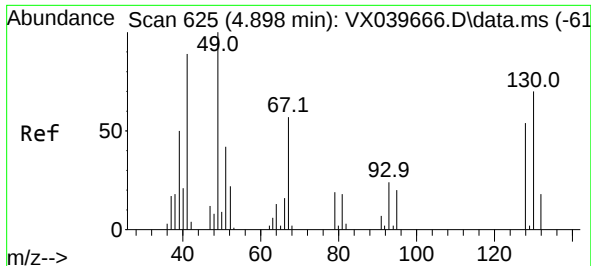
Manual Integrations

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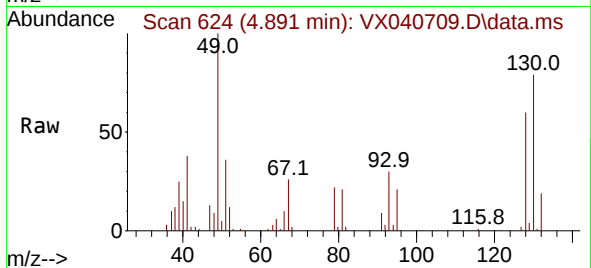
Quant Time: Mar 20 04:30:32 2024
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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Tue Mar 05 13:21:29 2024
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#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.891 min Scan# 61
Delta R.T. -0.007 min
Lab File: VX040709.D
Acq: 19 Mar 2024 08:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



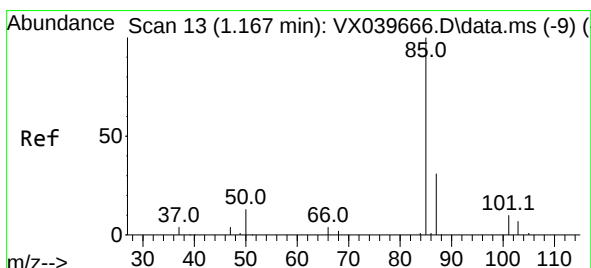
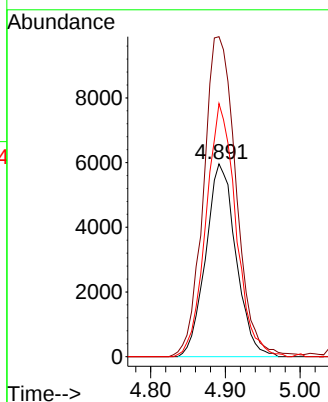
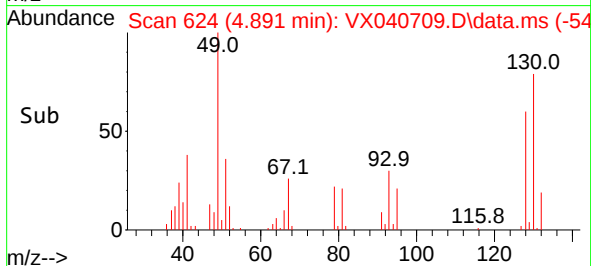
Tgt Ion:128 Resp: 1675
Ion Ratio Lower Upper
128 100
49 178.9 0.0 444.0
130 130.2 0.0 297.8

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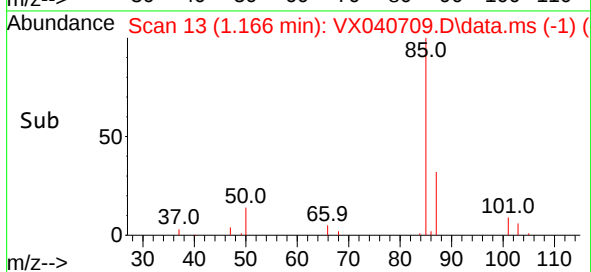
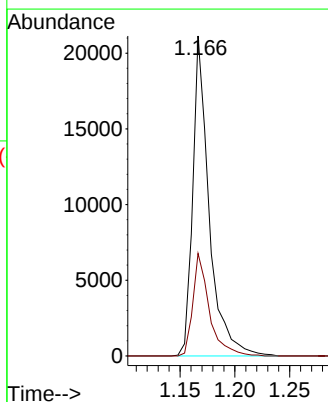
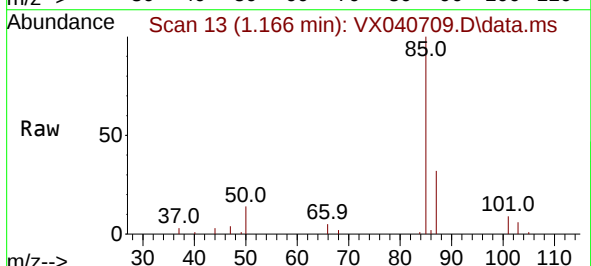
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Supervised By :Mahesh
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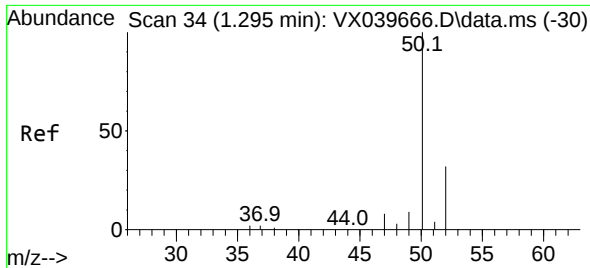
03/20/2024



#2
Dichlorodifluoromethane
Concen: 19.361 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.001 min
Lab File: VX040709.D
Acq: 19 Mar 2024 08:52

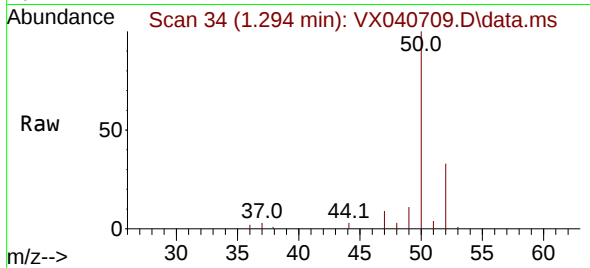
Tgt Ion: 85 Resp: 21997
Ion Ratio Lower Upper
85 100
87 32.0 16.7 50.1





#3
Chloromethane
Concen: 18.663 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.001 min
Lab File: VX040709.D
Acq: 19 Mar 2024 08:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



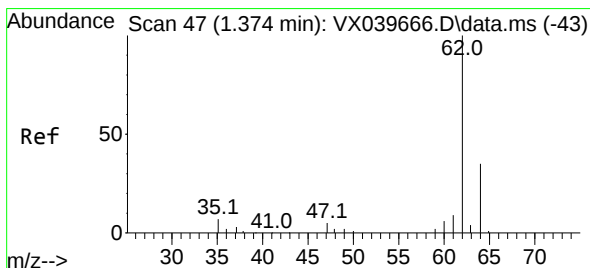
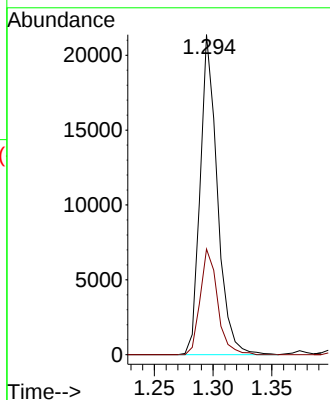
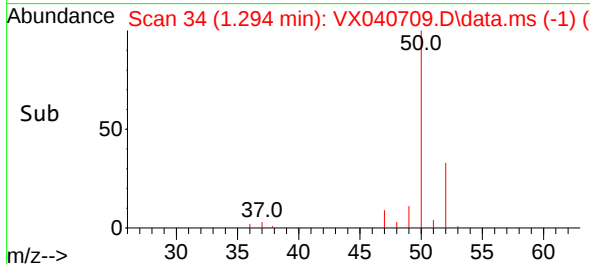
Tgt Ion: 50 Resp: 21725
Ion Ratio Lower Upper
50 100
52 33.0 27.8 41.8

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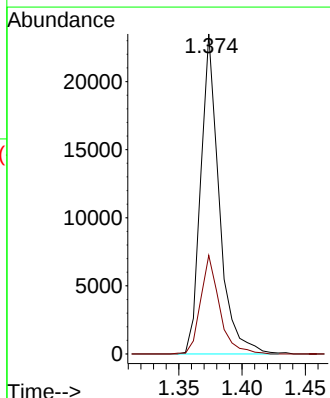
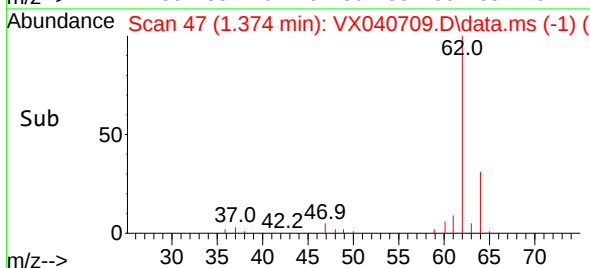
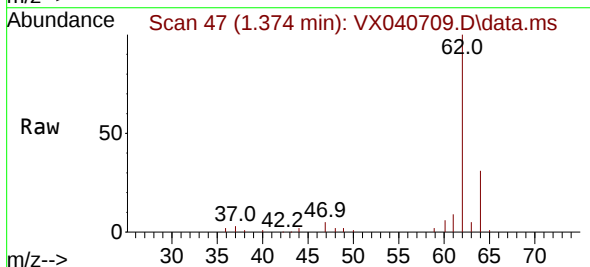
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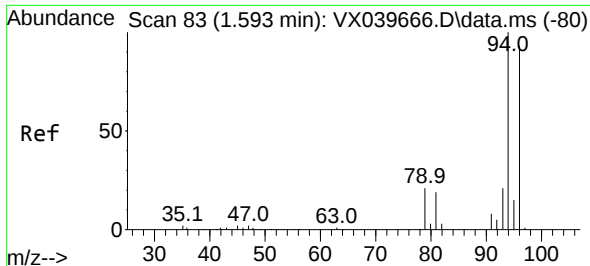
03/20/2024



#4
Vinyl Chloride
Concen: 19.021 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX040709.D
Acq: 19 Mar 2024 08:52

Tgt Ion: 62 Resp: 23930
Ion Ratio Lower Upper
62 100
64 30.8 26.3 39.5





#5
Bromomethane
Concen: 24.067 ug/l
RT: 1.611 min Scan# 80
Delta R.T. 0.018 min
Lab File: VX040709.D
Acq: 19 Mar 2024 08:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

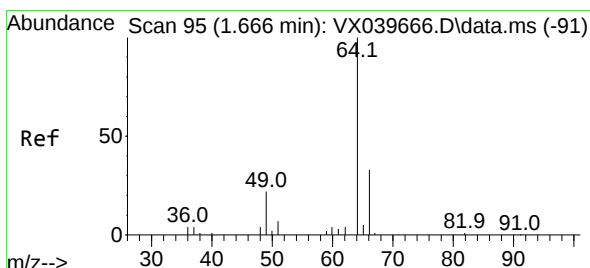
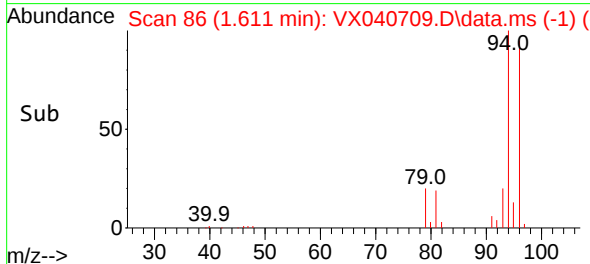
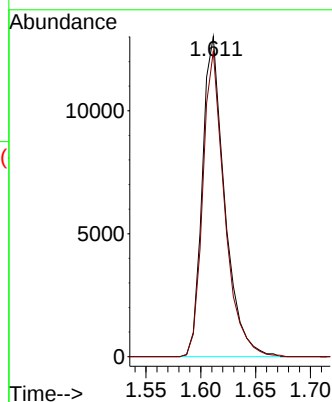
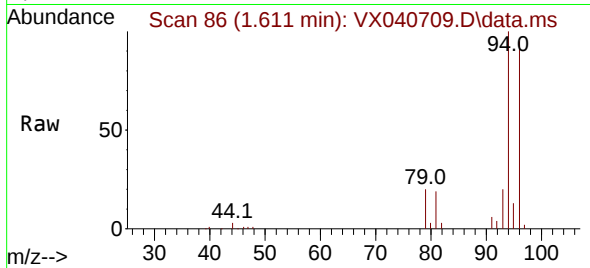
Tgt Ion: 94 Resp: 18492
Ion Ratio Lower Upper
94 100
96 95.5 74.9 112.3

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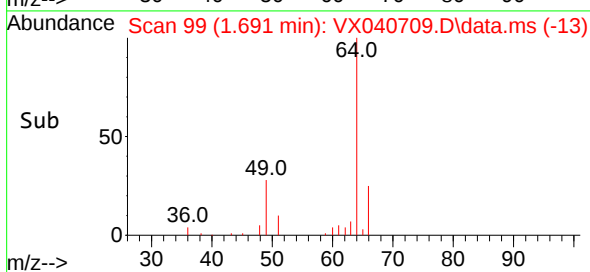
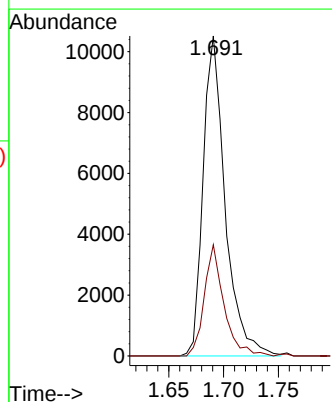
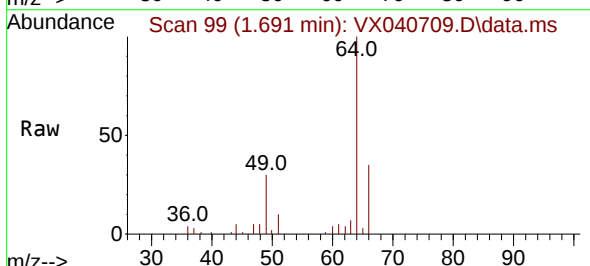
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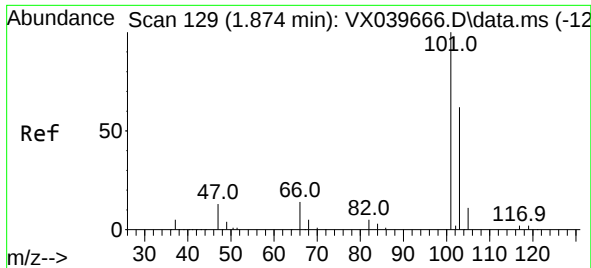
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#6
Chloroethane
Concen: 19.906 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.025 min
Lab File: VX040709.D
Acq: 19 Mar 2024 08:52

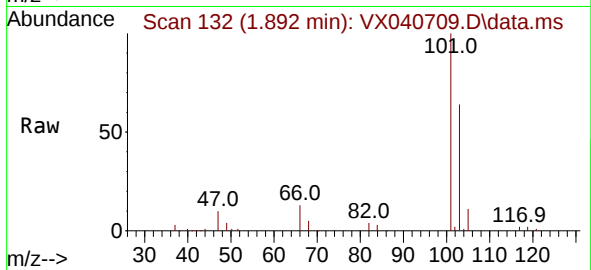
Tgt Ion: 64 Resp: 14713
Ion Ratio Lower Upper
64 100
66 34.7 25.0 37.6





#7
Trichlorofluoromethane
Concen: 21.790 ug/l
RT: 1.892 min Scan# 11
Delta R.T. 0.018 min
Lab File: VX040709.D
Acq: 19 Mar 2024 08:52

Instrument :
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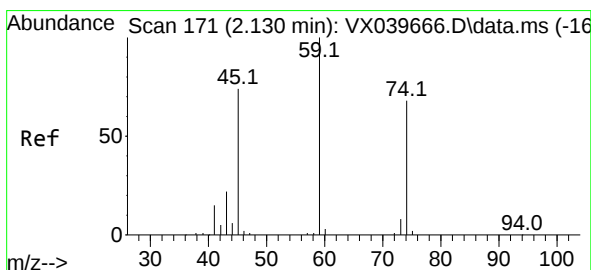
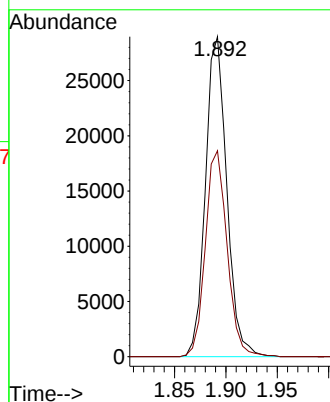
Tgt Ion:101 Resp: 4173
Ion Ratio Lower Upper
101 100
103 64.4 49.1 73.7

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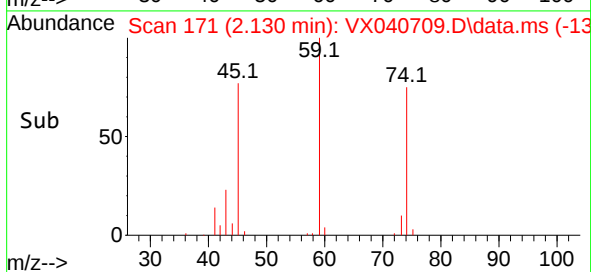
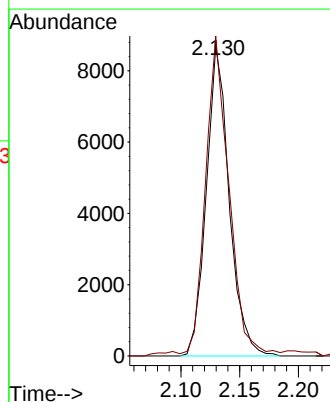
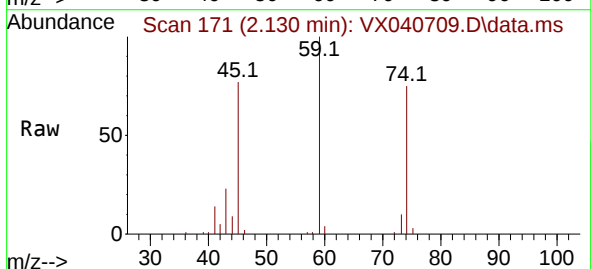
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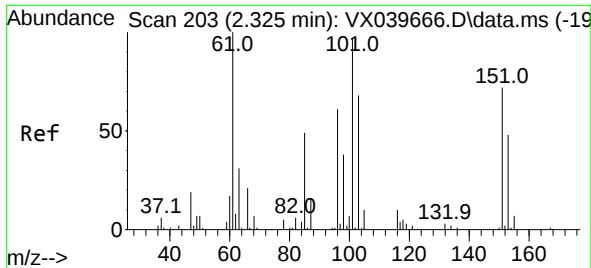
03/20/2024



#8
Diethyl Ether
Concen: 18.155 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.000 min
Lab File: VX040709.D
Acq: 19 Mar 2024 08:52

Tgt Ion: 74 Resp: 11807
Ion Ratio Lower Upper
74 100
45 105.3 20.5 184.5





#9
1,1,2-Trichlorotrifluoroethane
Concen: 16.931 ug/l
RT: 2.331 min Scan# 203
Delta R.T. 0.006 min
Lab File: VX040709.D
Acq: 19 Mar 2024 08:52

Instrument :
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ClientSampleId :
VSTDCCC020

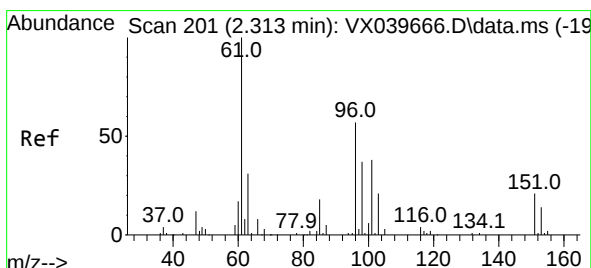
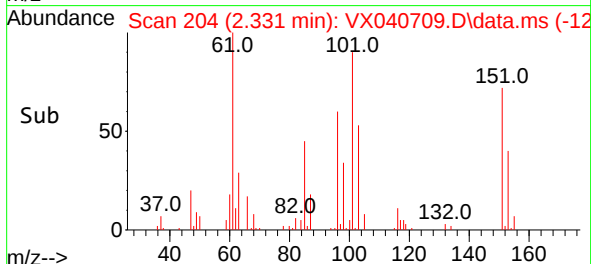
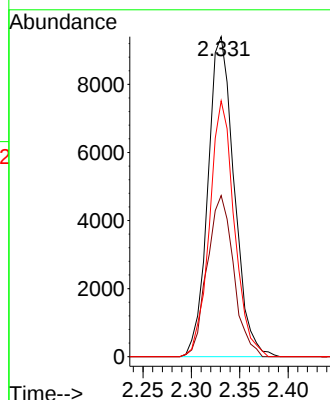
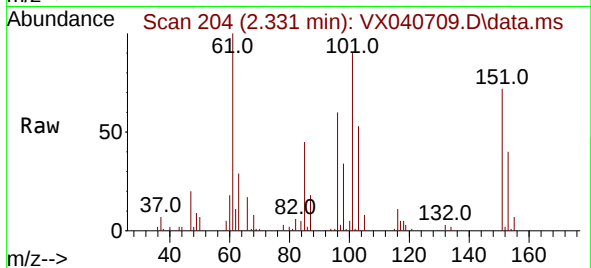
Tgt Ion:101 Resp: 17764
Ion Ratio Lower Upper
101 100
85 50.6 0.0 95.2
151 75.4 0.0 136.8

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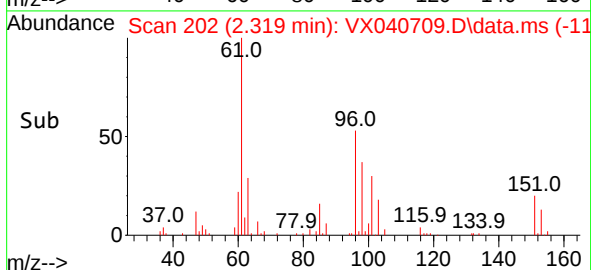
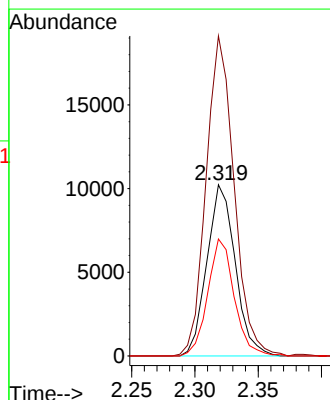
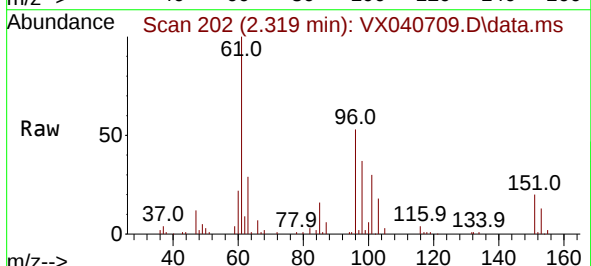
03/20/2024
Supervised By :Mahesh
Dadoda

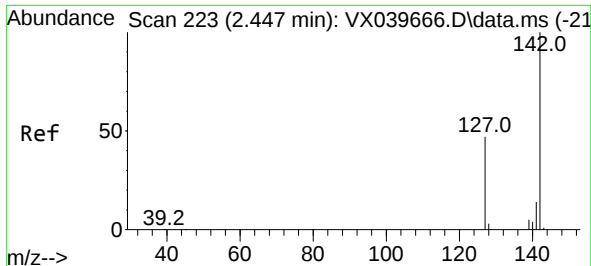
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#10
1,1-Dichloroethene
Concen: 15.957 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.006 min
Lab File: VX040709.D
Acq: 19 Mar 2024 08:52

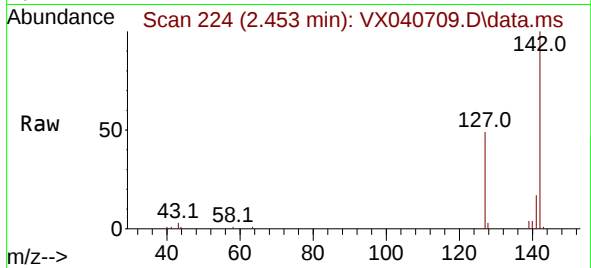
Tgt Ion: 96 Resp: 15940
Ion Ratio Lower Upper
96 100
61 185.9 138.3 207.5
98 68.3 49.8 74.6





#11
Methyl Iodide
Concen: 12.043 ug/l
RT: 2.453 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX040709.D
Acq: 19 Mar 2024 08:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



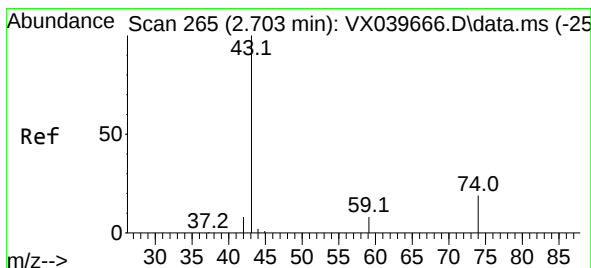
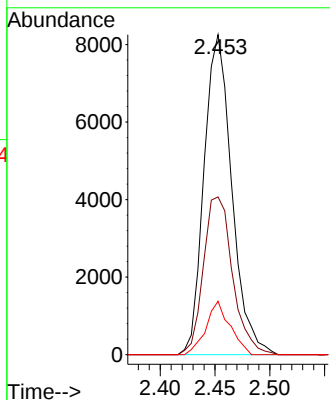
Tgt Ion:142 Resp: 14550
Ion Ratio Lower Upper
142 100
127 49.3 23.8 71.4
141 16.7 6.9 20.6

Manual Integrations
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Reviewed By :John
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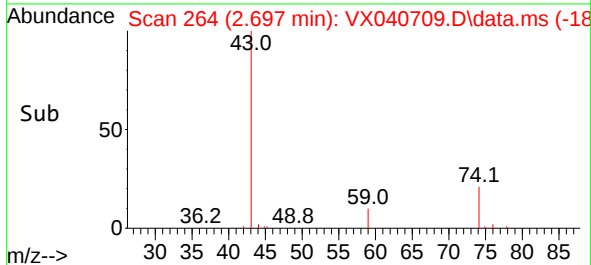
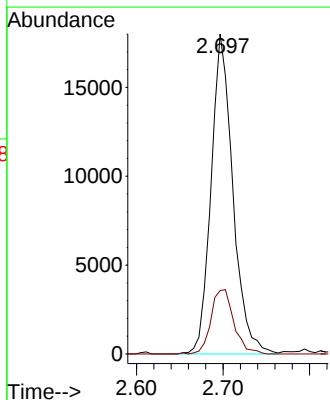
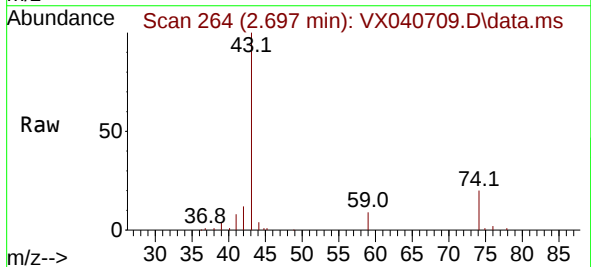
03/20/2024
Supervised By :Mahesh
Dadoda

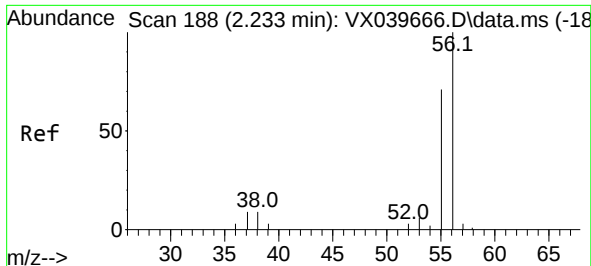
03/20/2024



#12
Methyl Acetate
Concen: 19.152 ug/l
RT: 2.697 min Scan# 264
Delta R.T. -0.006 min
Lab File: VX040709.D
Acq: 19 Mar 2024 08:52

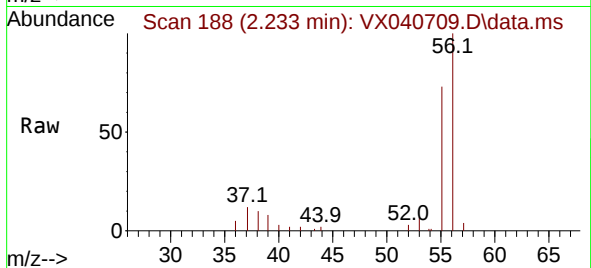
Tgt Ion: 43 Resp: 31513
Ion Ratio Lower Upper
43 100
74 19.8 17.8 26.6





#13
Acrolein
Concen: 54.457 ug/l
RT: 2.233 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX040709.D
Acq: 19 Mar 2024 08:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



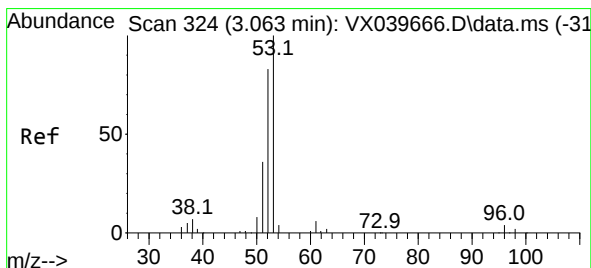
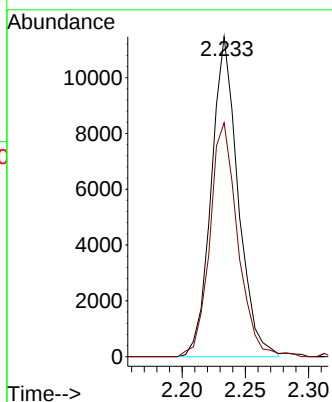
Tgt Ion: 56 Resp: 1689
Ion Ratio Lower Upper
56 100
55 75.4 57.2 85.8

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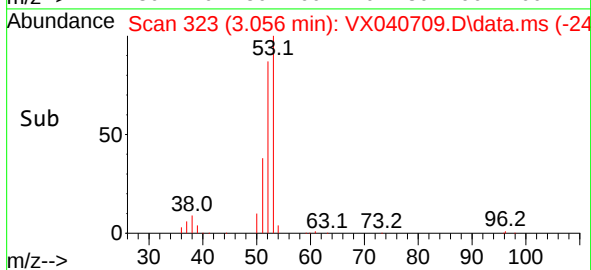
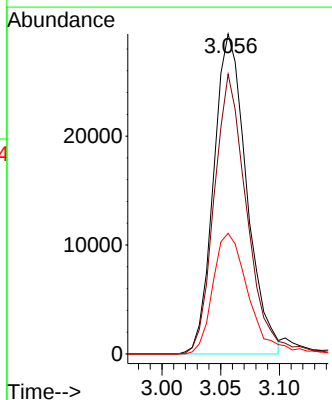
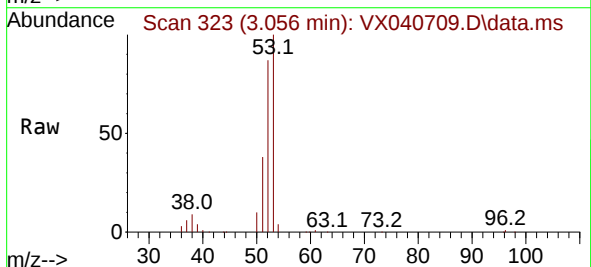
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Supervised By :Mahesh
Dadoda

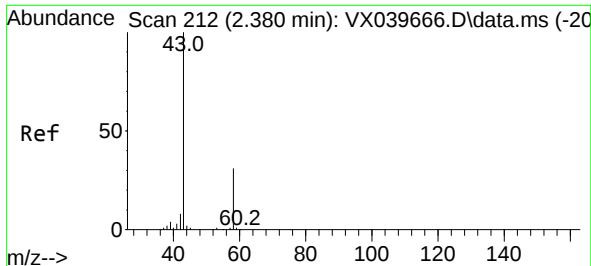
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#14
Acrylonitrile
Concen: 88.380 ug/l
RT: 3.056 min Scan# 323
Delta R.T. -0.007 min
Lab File: VX040709.D
Acq: 19 Mar 2024 08:52

Tgt Ion: 53 Resp: 57264
Ion Ratio Lower Upper
53 100
52 87.3 41.9 125.6
51 41.0 18.3 54.9





#15
Acetone
Concen: 120.023 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.007 min
Lab File: VX040709.D
Acq: 19 Mar 2024 08:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

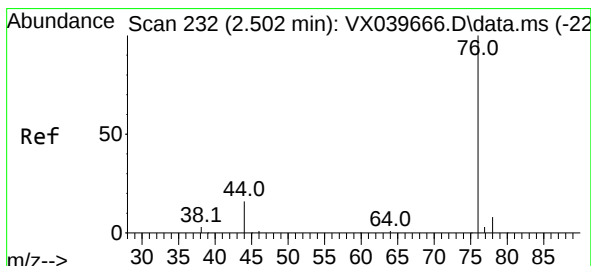
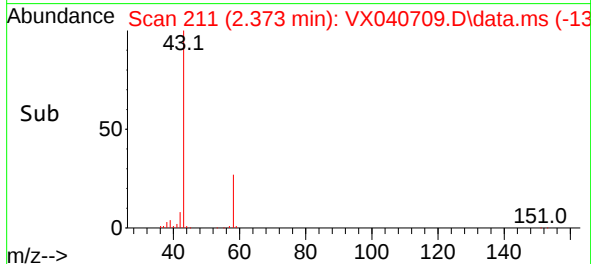
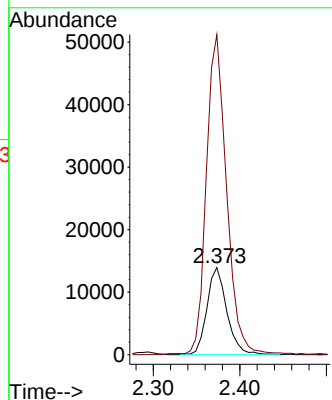
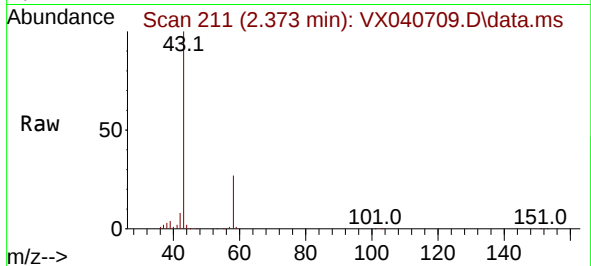
Tgt Ion: 58 Resp: 22229
Ion Ratio Lower Upper
58 100
43 366.1 249.9 374.9

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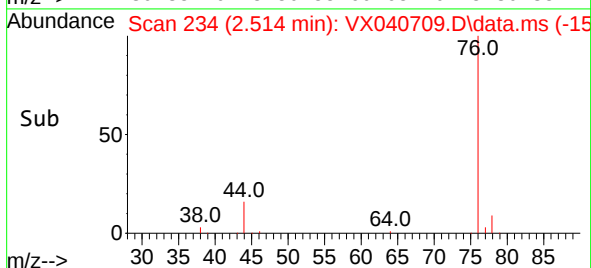
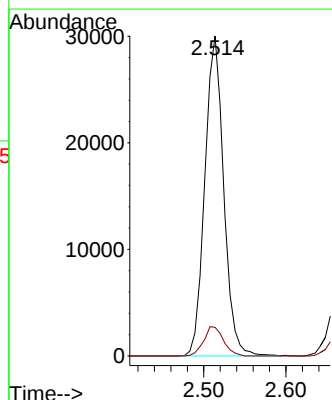
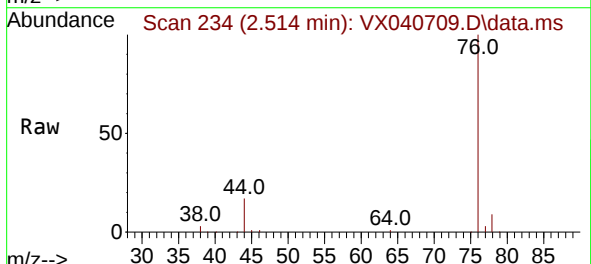
03/20/2024
Supervised By :Mahesh
Dadoda

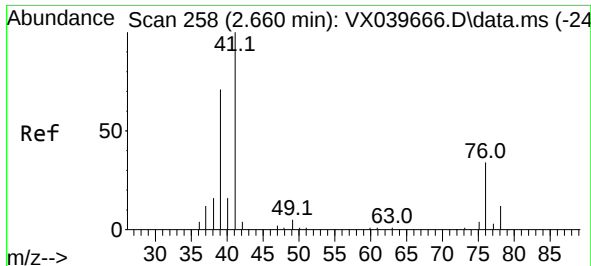
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#16
Carbon Disulfide
Concen: 17.442 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.012 min
Lab File: VX040709.D
Acq: 19 Mar 2024 08:52

Tgt Ion: 76 Resp: 47884
Ion Ratio Lower Upper
76 100
78 8.9 8.0 12.0





#17
 Allyl chloride
 Concen: 19.166 ug/l
 RT: 2.666 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VX040709.D
 Acq: 19 Mar 2024 08:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion: 41 Resp: 35330
 Ion Ratio Lower Upper
 41 100
 39 79.3 36.5 109.5
 76 36.9 19.7 59.0

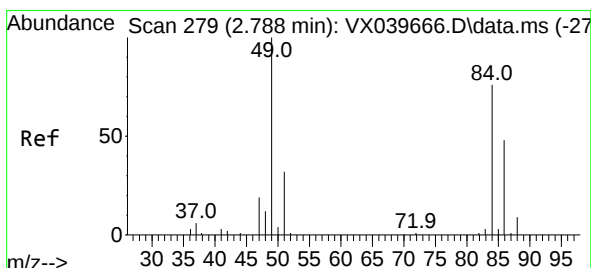
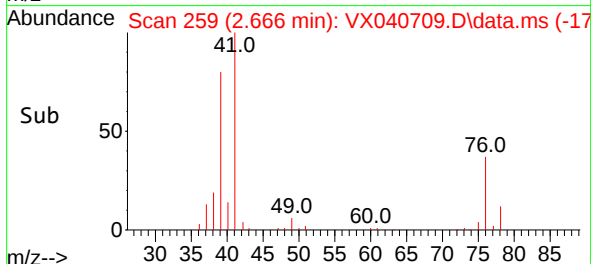
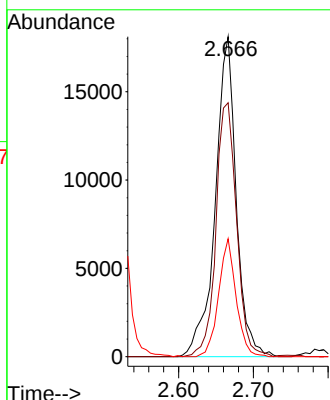
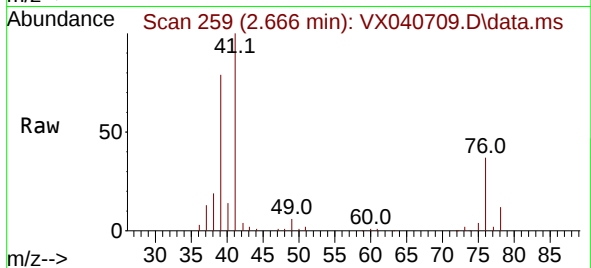
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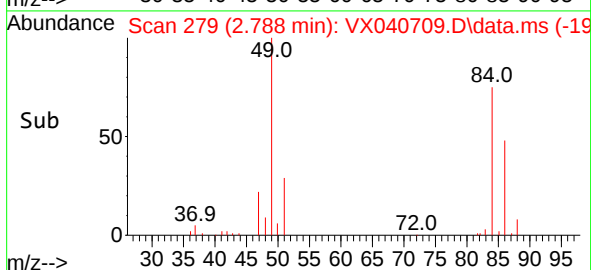
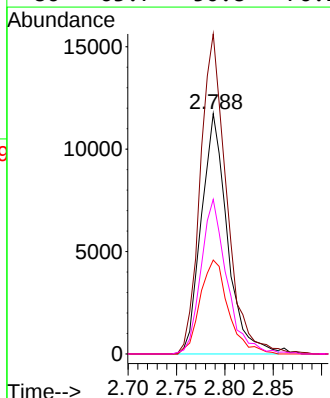
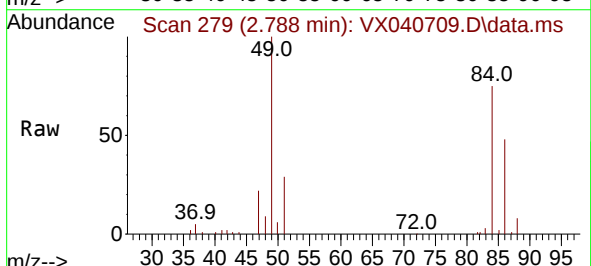
Supervised By :Mahesh
 Dadoda

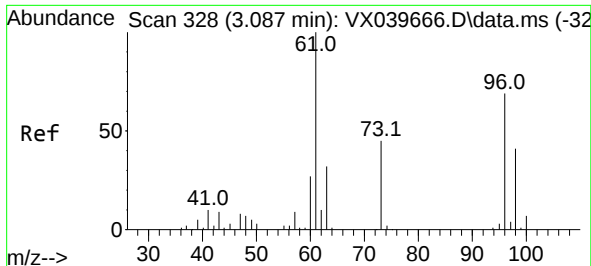
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#18
 Methylene Chloride
 Concen: 19.225 ug/l
 RT: 2.788 min Scan# 279
 Delta R.T. 0.000 min
 Lab File: VX040709.D
 Acq: 19 Mar 2024 08:52

Tgt Ion: 84 Resp: 21926
 Ion Ratio Lower Upper
 84 100
 49 132.7 103.8 155.8
 51 39.1 31.8 47.6
 86 63.7 50.8 76.2





#19
trans-1,2-Dichloroethene
Concen: 19.290 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX040709.D
Acq: 19 Mar 2024 08:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion: 96 Resp: 2103
Ion Ratio Lower Upper
96 100
61 142.3 117.9 176.9
98 58.3 51.0 76.6

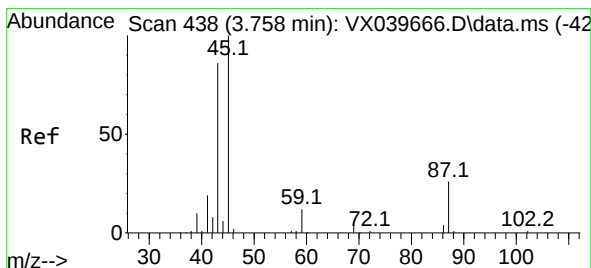
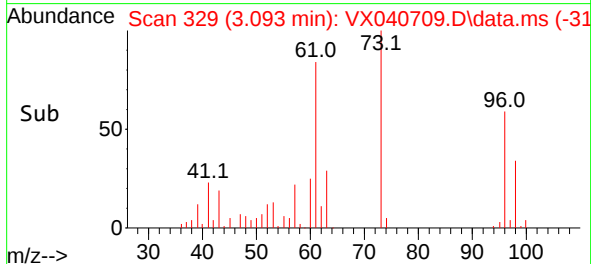
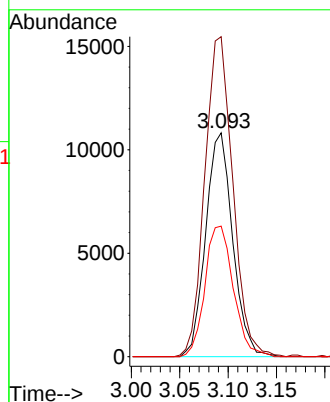
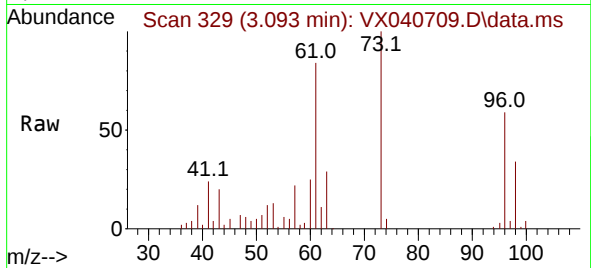
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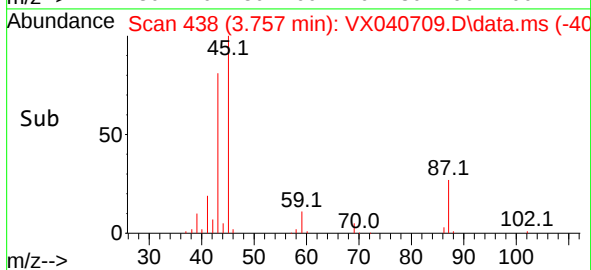
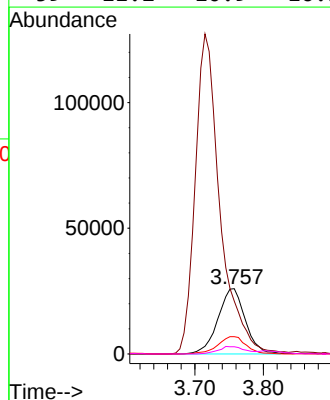
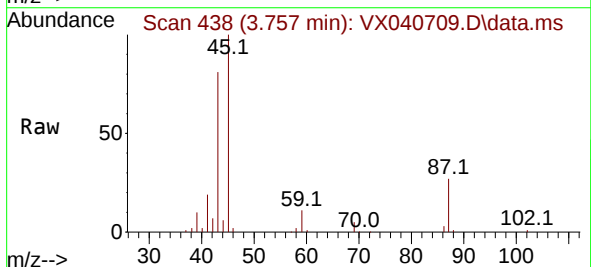
Supervised By :Mahesh
Dadoda

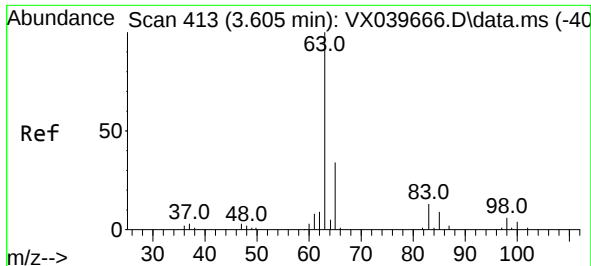
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#20
Diisopropyl ether
Concen: 19.482 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.001 min
Lab File: VX040709.D
Acq: 19 Mar 2024 08:52

Tgt Ion: 45 Resp: 71824
Ion Ratio Lower Upper
45 100
43 77.5 67.7 101.5
87 26.6 21.5 32.3
59 11.2 10.9 16.3





#21

1,1-Dichloroethane

Concen: 19.589 ug/l

RT: 3.605 min Scan# 41

Delta R.T. -0.000 min

Lab File: VX040709.D

Acq: 19 Mar 2024 08:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion: 63 Resp: 41558

Ion	Ratio	Lower	Upper
63	100		
98	5.6	2.9	8.8
100	3.5	2.0	5.8

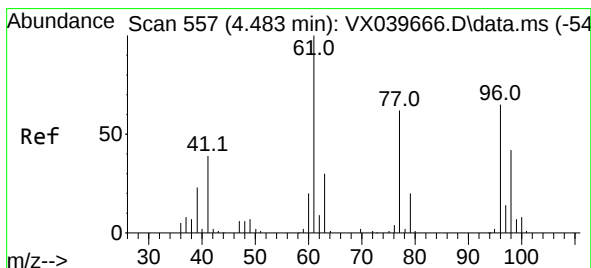
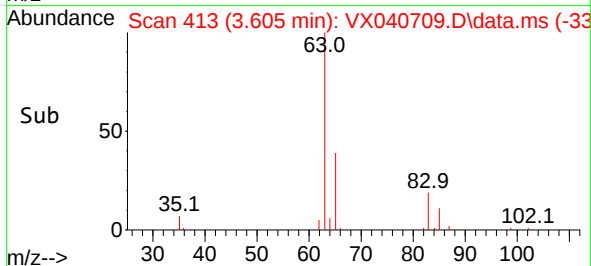
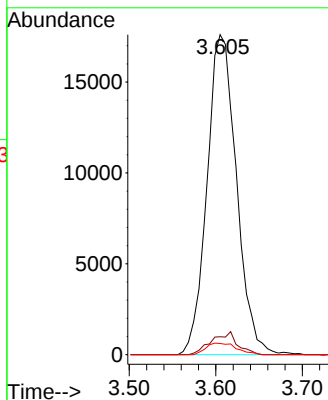
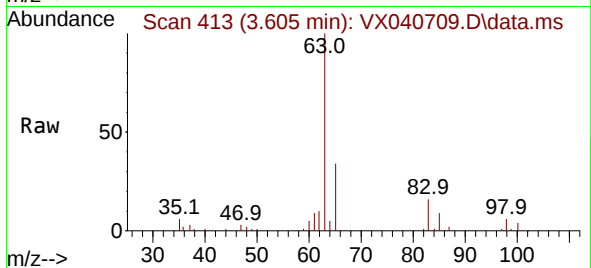
Manual Integrations
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Reviewed By :John
Carlone

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Supervised By :Mahesh
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#22

cis-1,2-Dichloroethene

Concen: 19.449 ug/l

RT: 4.489 min Scan# 558

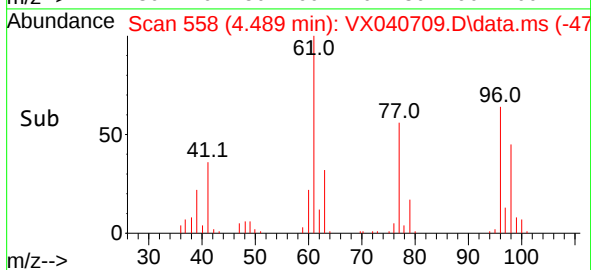
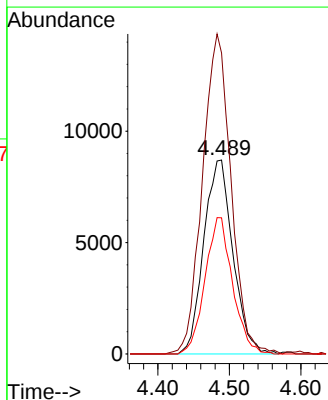
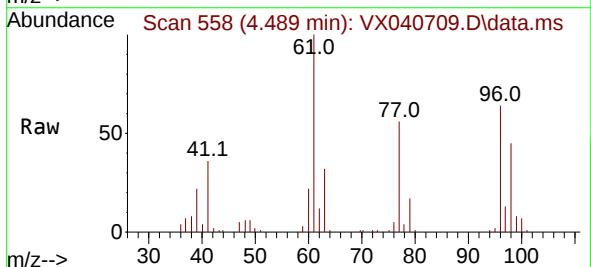
Delta R.T. 0.006 min

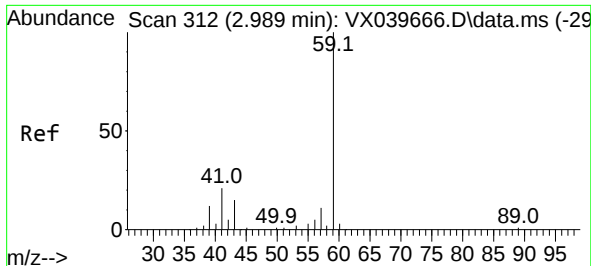
Lab File: VX040709.D

Acq: 19 Mar 2024 08:52

Tgt Ion: 96 Resp: 24631

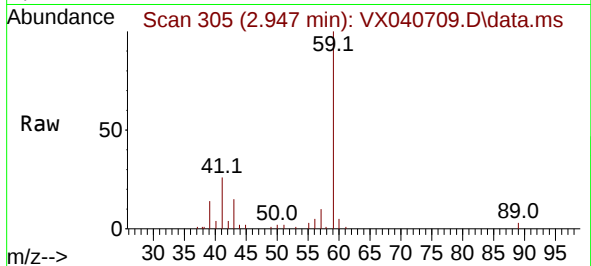
Ion	Ratio	Lower	Upper
96	100		
61	161.9	119.8	179.6
98	66.3	50.9	76.3





#23
tert-Butyl Alcohol
Concen: 80.174 ug/l m
RT: 2.947 min Scan# 305
Delta R.T. -0.042 min
Lab File: VX040709.D
Acq: 19 Mar 2024 08:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



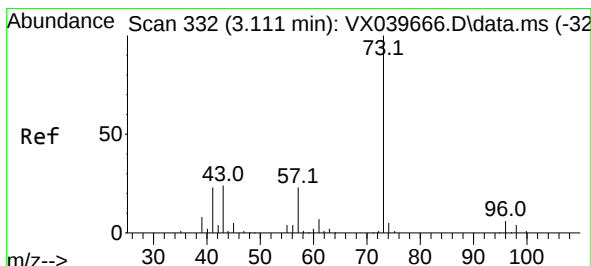
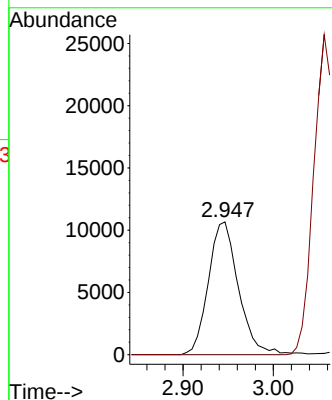
Tgt Ion: 59 Resp: 24544
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

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Reviewed By :John
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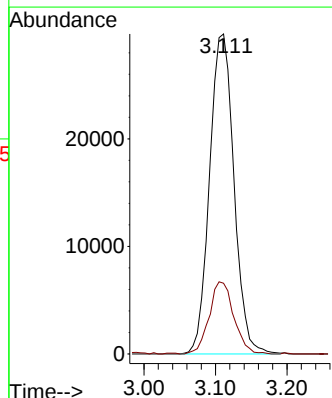
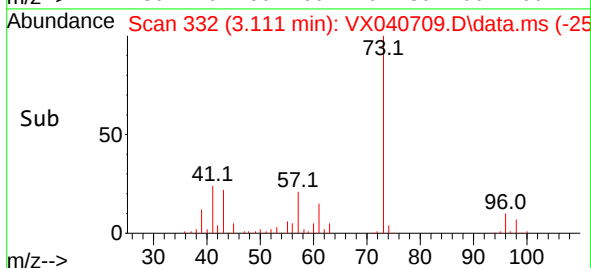
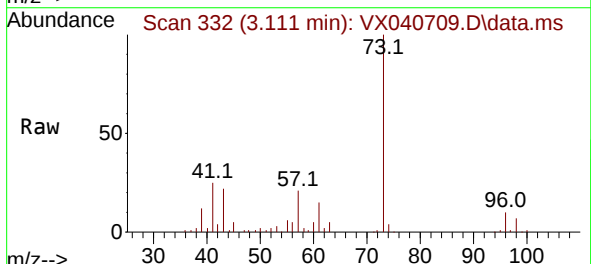
03/20/2024
Supervised By :Mahesh
Dadoda

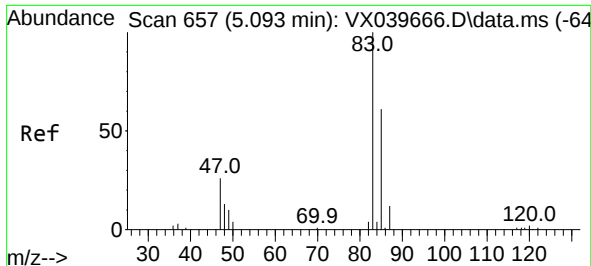
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#24
Methyl tert-Butyl Ether
Concen: 19.149 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX040709.D
Acq: 19 Mar 2024 08:52

Tgt Ion: 73 Resp: 70594
Ion Ratio Lower Upper
73 100
43 22.6 17.0 25.6





#25
Chloroform
Concen: 19.838 ug/l
RT: 5.092 min Scan# 61
Delta R.T. -0.001 min
Lab File: VX040709.D
Acq: 19 Mar 2024 08:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

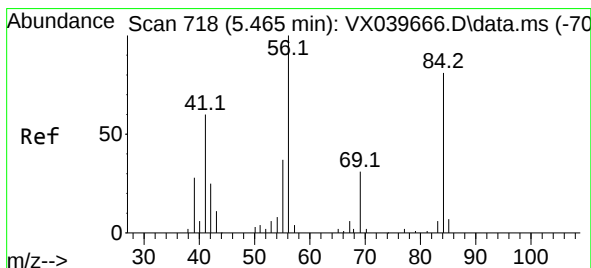
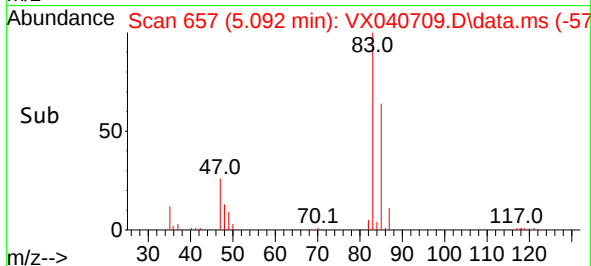
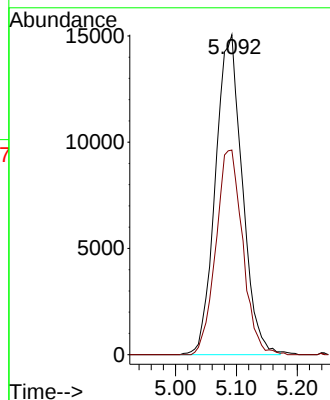
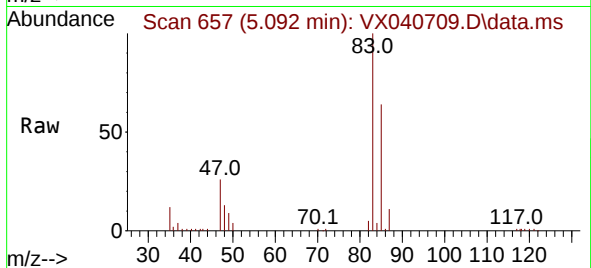
Tgt Ion: 83 Resp: 4606
Ion Ratio Lower Upper
83 100
85 63.9 54.6 81.8

Manual Integrations
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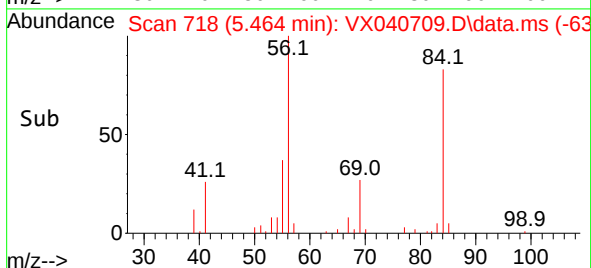
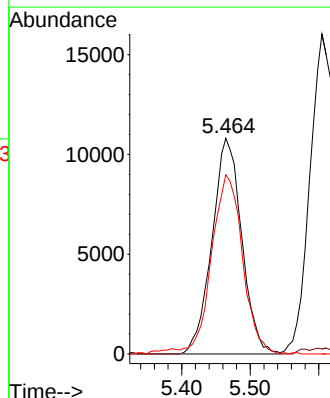
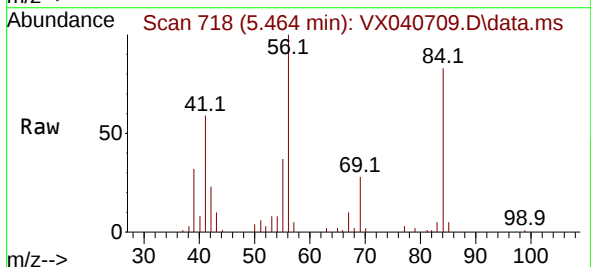
03/20/2024
Supervised By :Mahesh
Dadoda

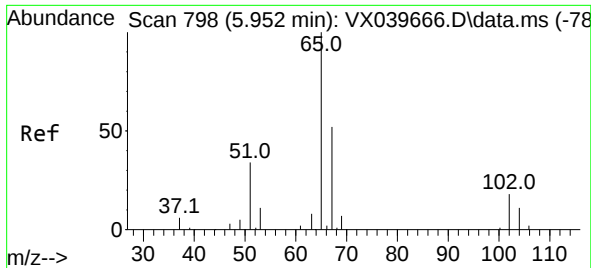
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#26
Cyclohexane
Concen: 18.991 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.001 min
Lab File: VX040709.D
Acq: 19 Mar 2024 08:52

Tgt Ion: 56 Resp: 32515
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 85.8 67.2 100.8





#27
1,2-Dichloroethane-d4
Concen: 29.497 ug/l
RT: 5.946 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX040709.D
Acq: 19 Mar 2024 08:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

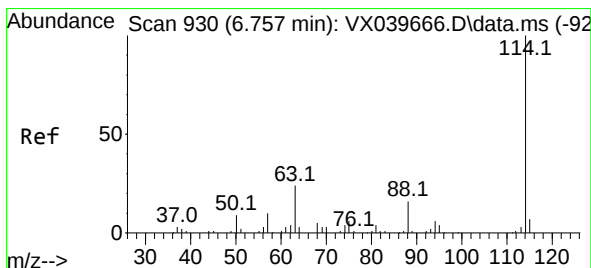
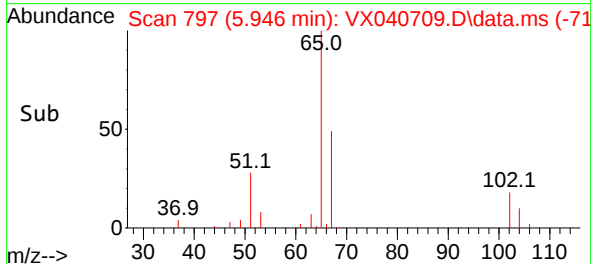
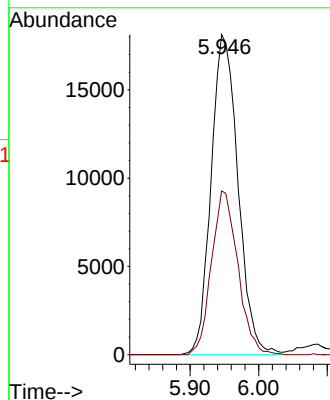
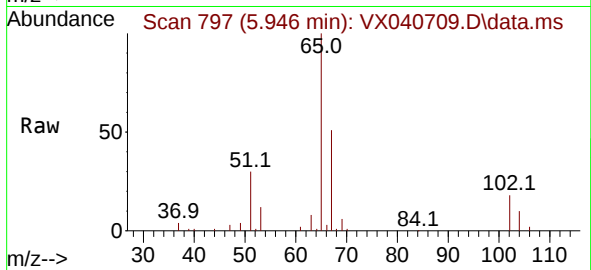
Tgt Ion: 65 Resp: 49349
Ion Ratio Lower Upper
65 100
67 50.1 42.5 63.7

Manual Integrations
APPROVED

Reviewed By :John
Carlone

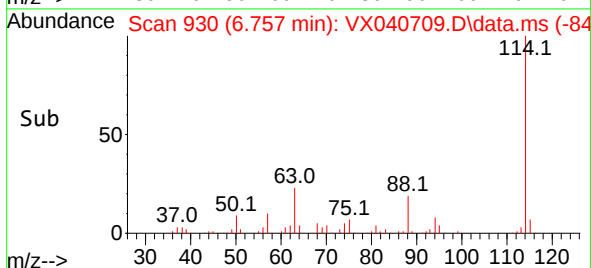
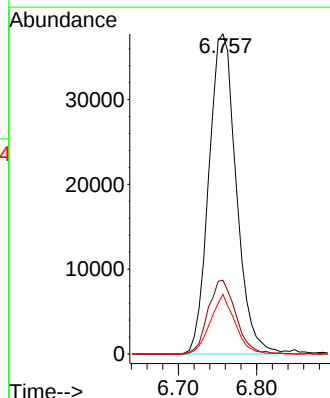
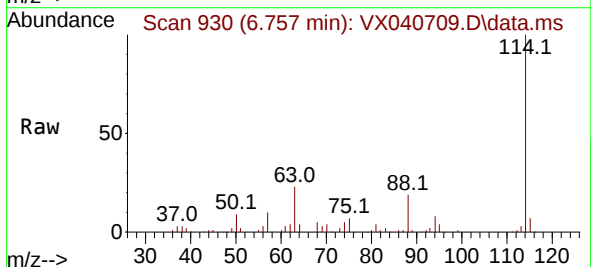
03/20/2024
Supervised By :Mahesh
Dadoda

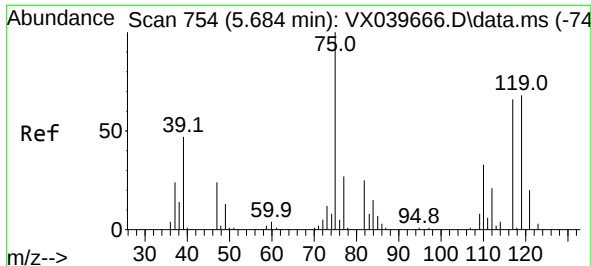
03/20/2024



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.000 min
Lab File: VX040709.D
Acq: 19 Mar 2024 08:52

Tgt Ion:114 Resp: 91913
Ion Ratio Lower Upper
114 100
63 23.3 17.0 25.4
88 16.6 12.7 19.1





#29
1,1-Dichloropropene
Concen: 20.188 ug/l
RT: 5.690 min Scan# 754
Delta R.T. 0.006 min
Lab File: VX040709.D
Acq: 19 Mar 2024 08:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion: 75 Resp: 32118
Ion Ratio Lower Upper
75 100
110 32.3 0.0 71.2
77 30.3 0.0 62.6

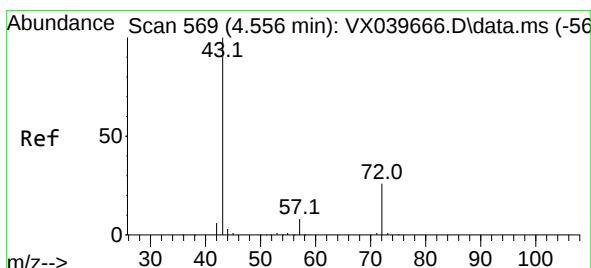
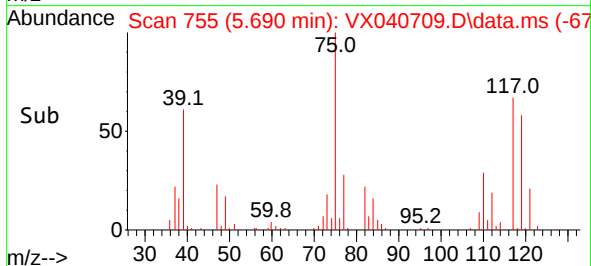
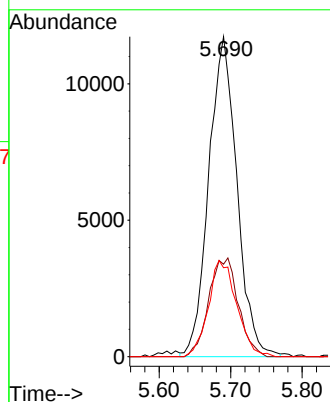
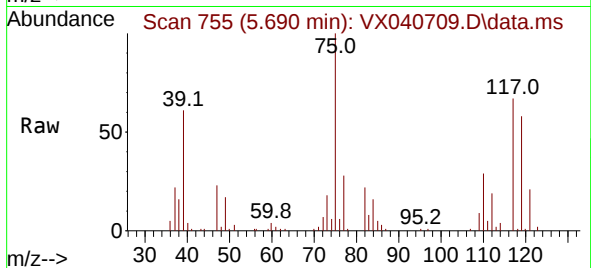
Manual Integrations
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Reviewed By :John
Carlone

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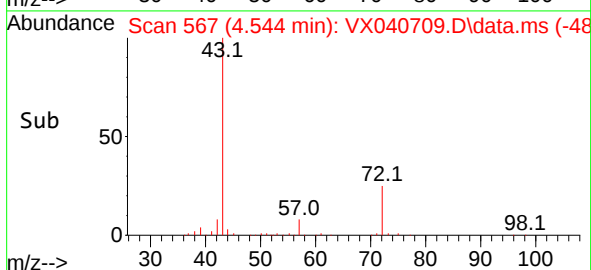
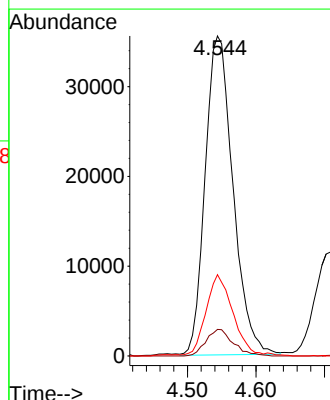
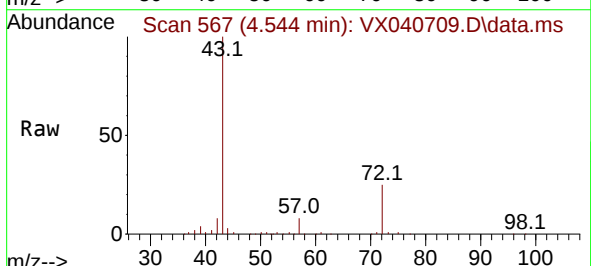
Supervised By :Mahesh
Dadoda

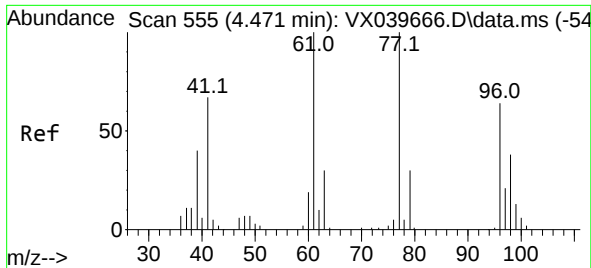
03/20/2024



#30
2-Butanone
Concen: 103.247 ug/l
RT: 4.544 min Scan# 567
Delta R.T. -0.012 min
Lab File: VX040709.D
Acq: 19 Mar 2024 08:52

Tgt Ion: 43 Resp: 100236
Ion Ratio Lower Upper
43 100
57 8.1 6.6 10.0
72 24.5 20.6 31.0





#31
2,2-Dichloropropane
Concen: 20.524 ug/l
RT: 4.465 min Scan# 51
Delta R.T. -0.006 min
Lab File: VX040709.D
Acq: 19 Mar 2024 08:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

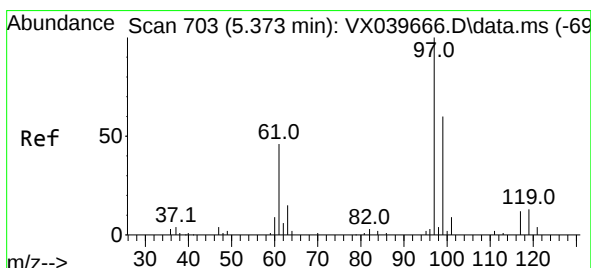
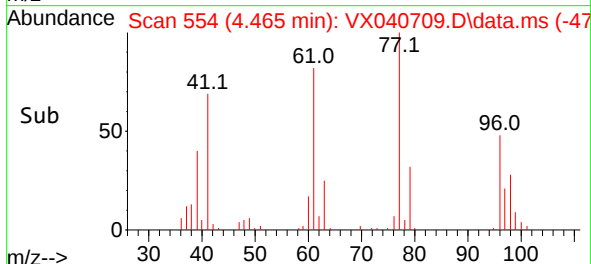
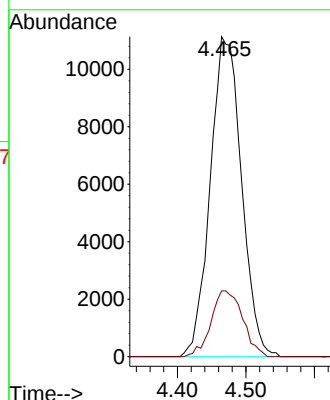
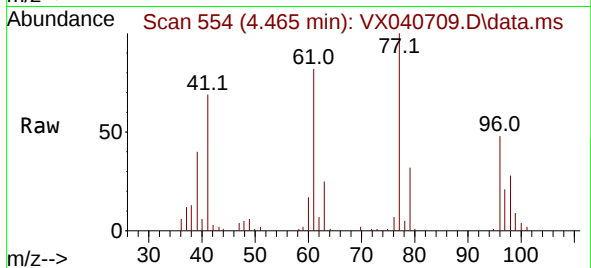
Tgt Ion: 77 Resp: 3524
Ion Ratio Lower Upper
77 100
97 20.8 18.2 27.4

Manual Integrations
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Reviewed By :John
Carlone

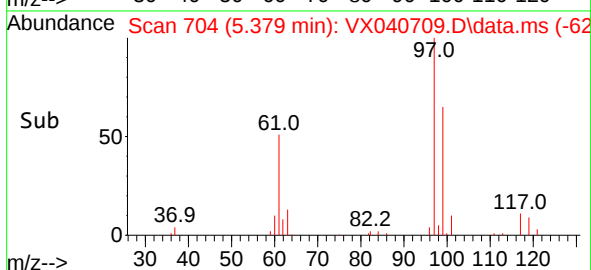
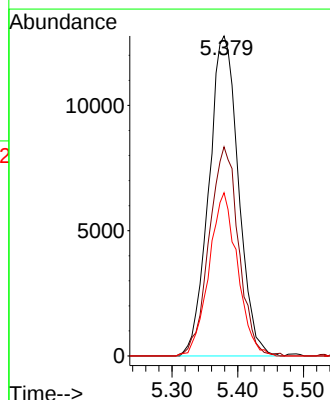
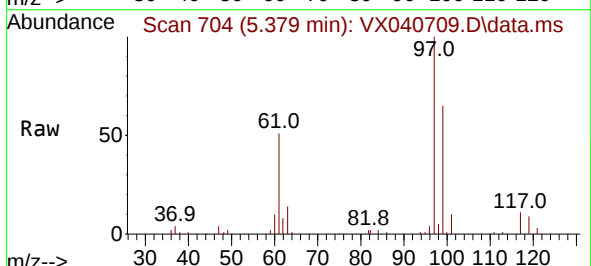
03/20/2024
Supervised By :Mahesh
Dadoda

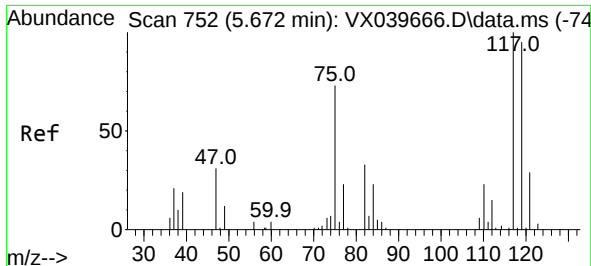
03/20/2024



#32
1,1,1-Trichloroethane
Concen: 19.947 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX040709.D
Acq: 19 Mar 2024 08:52

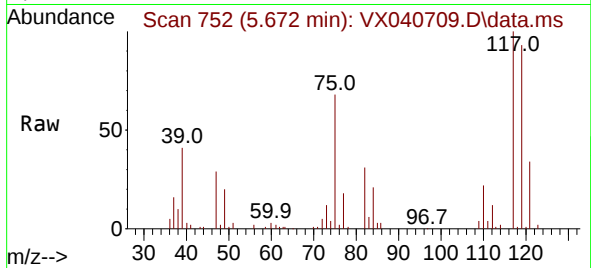
Tgt Ion: 97 Resp: 39987
Ion Ratio Lower Upper
97 100
99 64.9 52.6 79.0
61 49.0 36.9 55.3





#33
Carbon Tetrachloride
Concen: 19.954 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.000 min
Lab File: VX040709.D
Acq: 19 Mar 2024 08:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



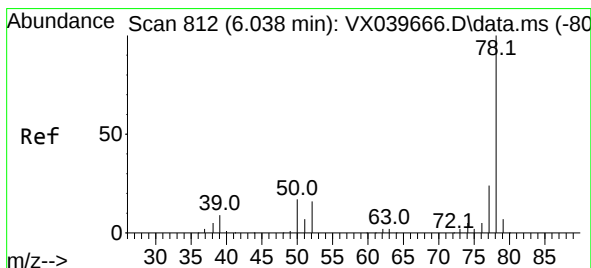
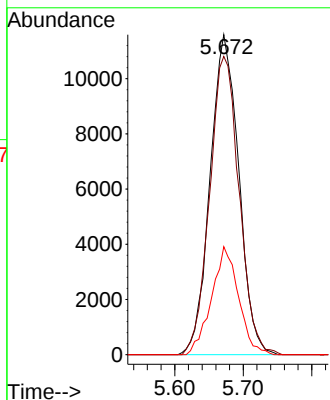
Tgt Ion:117 Resp: 3365
Ion Ratio Lower Upper
117 100
119 93.2 78.2 117.4
121 33.7 24.7 37.1

Manual Integrations
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Reviewed By :John
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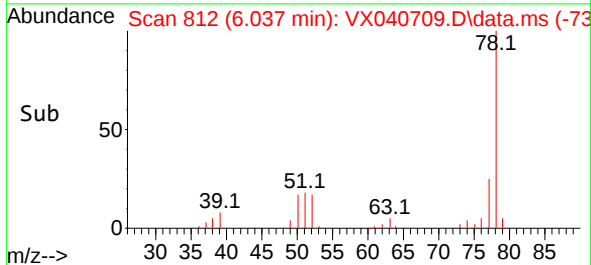
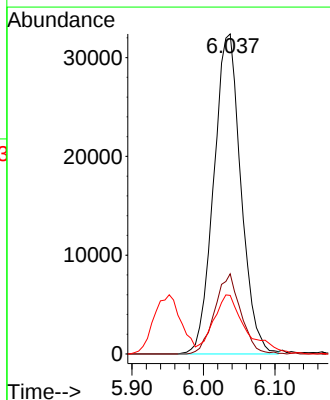
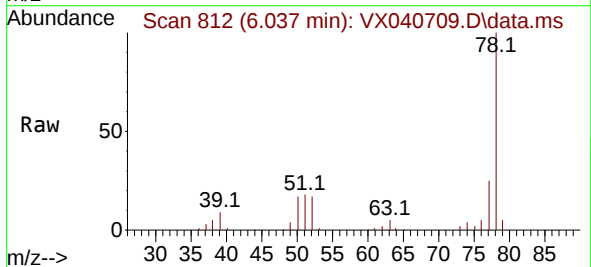
03/20/2024
Supervised By :Mahesh
Dadoda

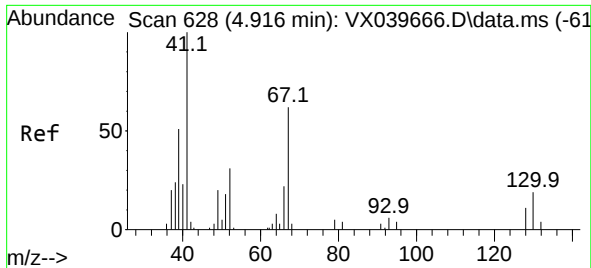
03/20/2024



#34
Benzene
Concen: 19.919 ug/l
RT: 6.037 min Scan# 812
Delta R.T. -0.001 min
Lab File: VX040709.D
Acq: 19 Mar 2024 08:52

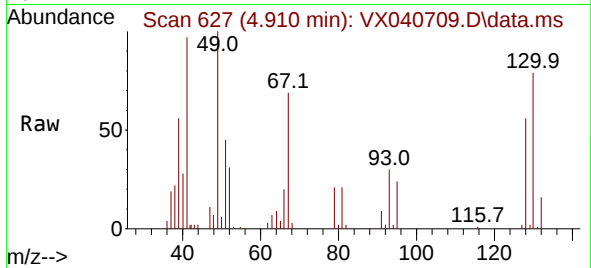
Tgt Ion: 78 Resp: 85550
Ion Ratio Lower Upper
78 100
77 25.1 19.3 28.9
51 16.8 14.4 21.6





#35
Methacrylonitrile
Concen: 19.211 ug/l
RT: 4.910 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX040709.D
Acq: 19 Mar 2024 08:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



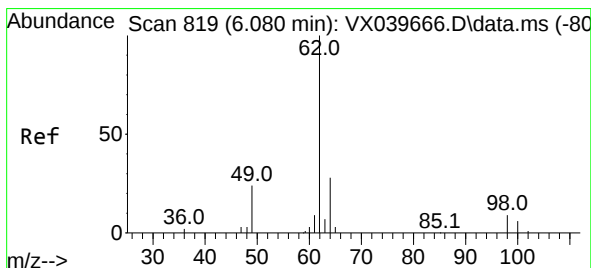
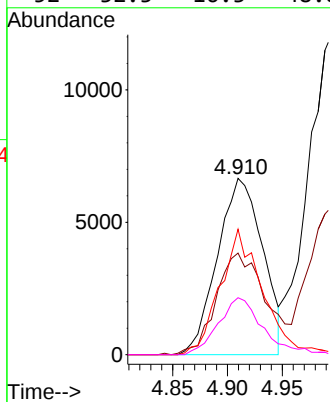
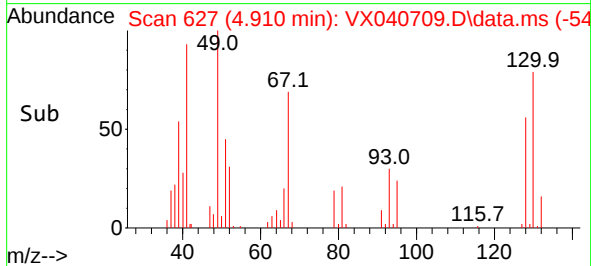
Tgt Ion: 41 Resp: 1914
Ion Ratio Lower Upper
41 100
39 56.8 28.2 84.7
67 71.2 34.5 103.5
52 32.3 16.3 48.8

Manual Integrations
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Reviewed By :John
Carlone

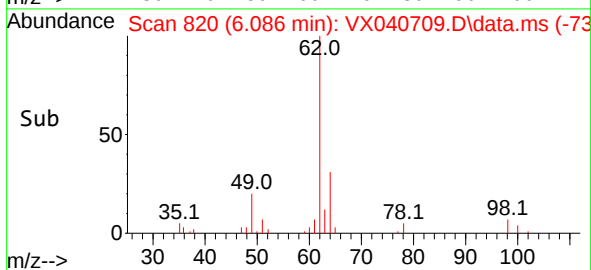
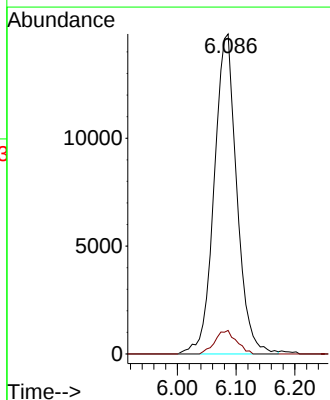
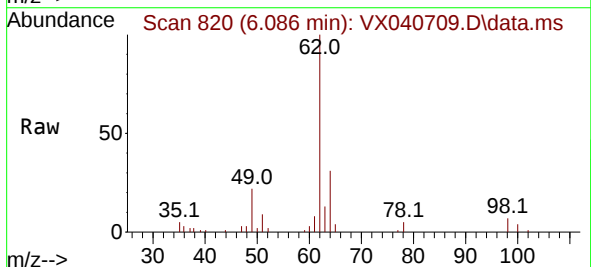
03/20/2024
Supervised By :Mahesh
Dadoda

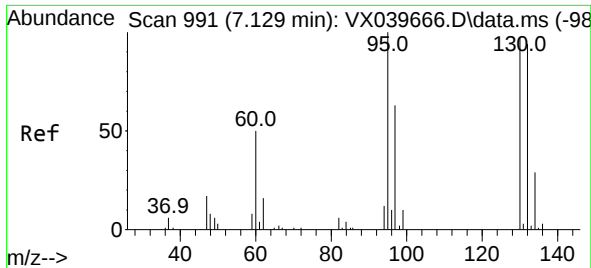
03/20/2024



#36
1,2-Dichloroethane
Concen: 19.998 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.006 min
Lab File: VX040709.D
Acq: 19 Mar 2024 08:52

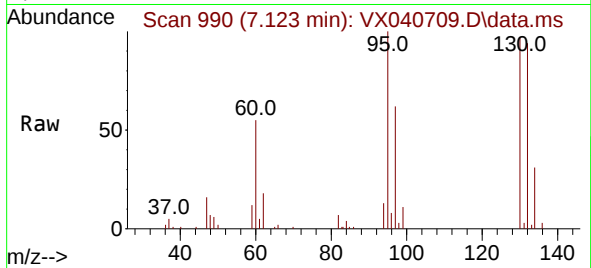
Tgt Ion: 62 Resp: 39712
Ion Ratio Lower Upper
62 100
98 7.0 7.0 10.4





#37
Trichloroethene
Concen: 19.929 ug/l
RT: 7.123 min Scan# 991
Delta R.T. -0.006 min
Lab File: VX040709.D
Acq: 19 Mar 2024 08:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



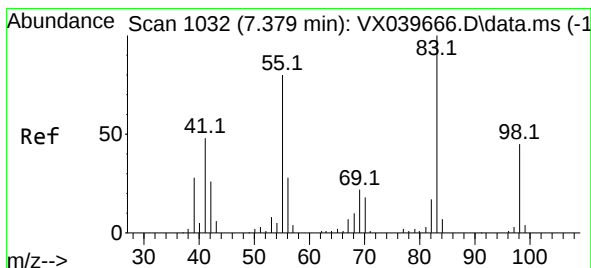
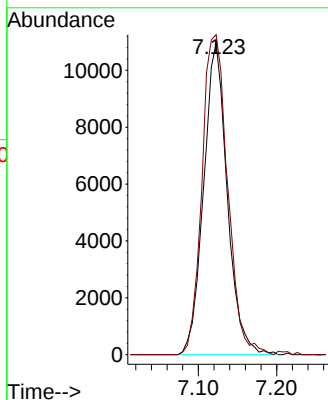
Tgt Ion:130 Resp: 2300
Ion Ratio Lower Upper
130 100
95 102.7 85.8 128.8

Manual Integrations
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Reviewed By :John
Carlone

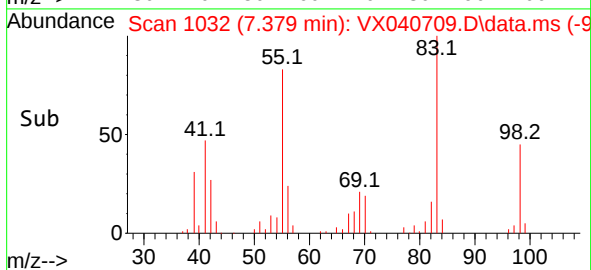
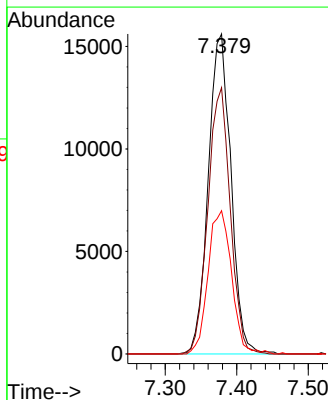
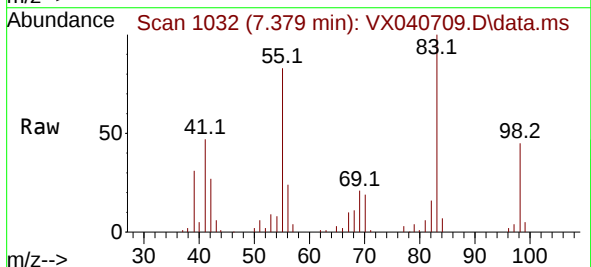
03/20/2024
Supervised By :Mahesh
Dadoda

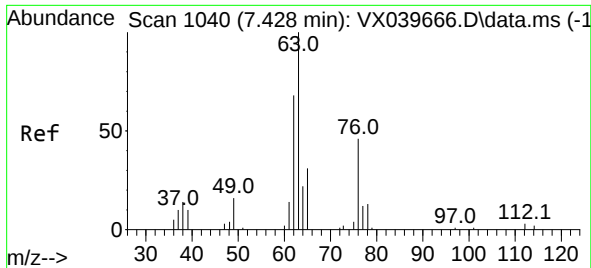
03/20/2024



#38
Methylcyclohexane
Concen: 20.059 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.000 min
Lab File: VX040709.D
Acq: 19 Mar 2024 08:52

Tgt Ion: 83 Resp: 34363
Ion Ratio Lower Upper
83 100
55 82.3 38.6 116.0
98 46.3 22.3 66.8





#39

1,2-Dichloropropane

Concen: 20.706 ug/l

RT: 7.421 min Scan# 1039

Delta R.T. -0.007 min

Lab File: VX040709.D

Acq: 19 Mar 2024 08:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion: 63 Resp: 2264

Ion Ratio Lower Upper

63 100

65 25.2 24.6 37.0

Manual Integrations

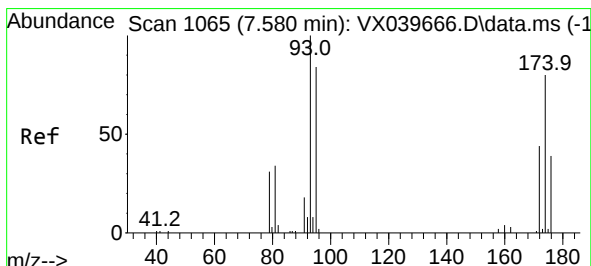
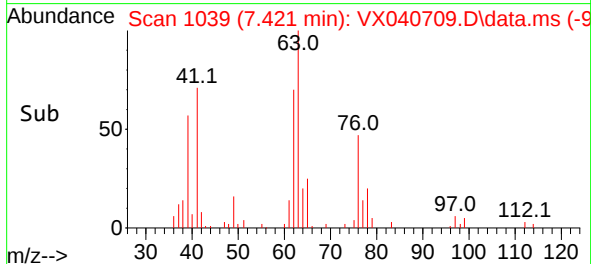
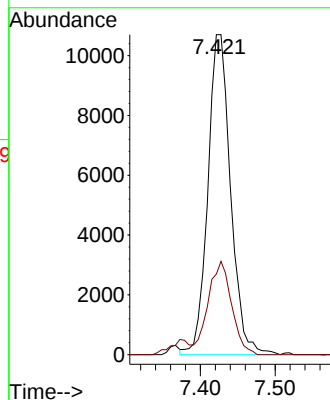
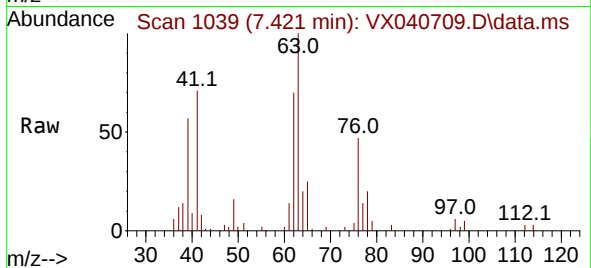
APPROVED

Reviewed By :John
Carlone

03/20/2024

Supervised By :Mahesh
Dadoda

03/20/2024



#40

Dibromomethane

Concen: 20.158 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX040709.D

Acq: 19 Mar 2024 08:52

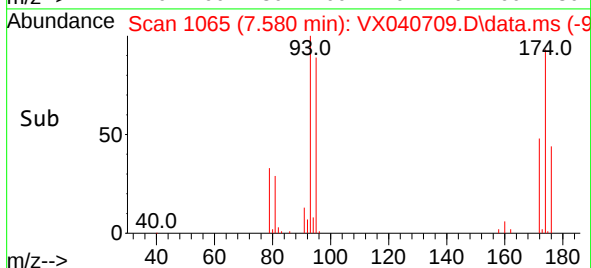
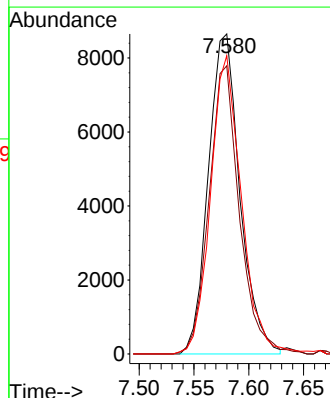
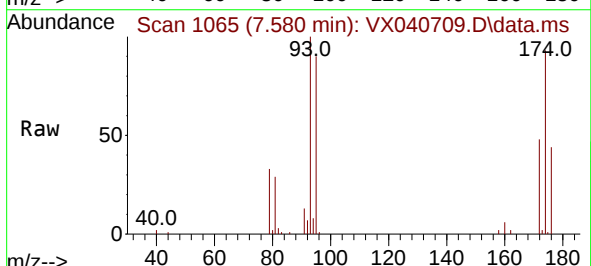
Tgt Ion: 93 Resp: 17317

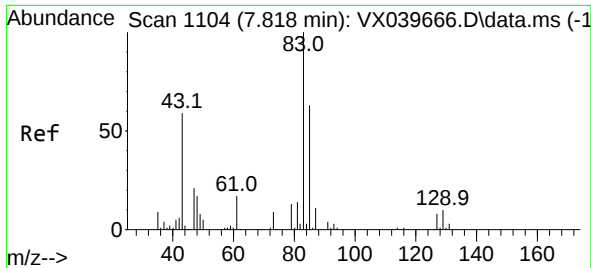
Ion Ratio Lower Upper

93 100

95 86.7 0.0 163.4

174 90.8 0.0 166.4





#41
Bromodichloromethane
Concen: 20.872 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX040709.D
Acq: 19 Mar 2024 08:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

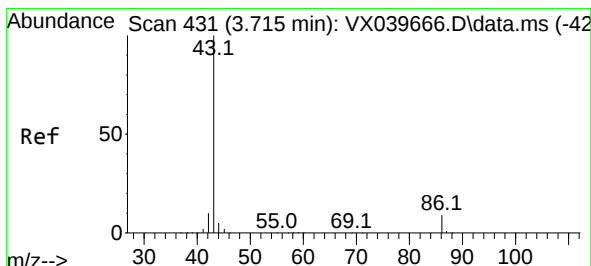
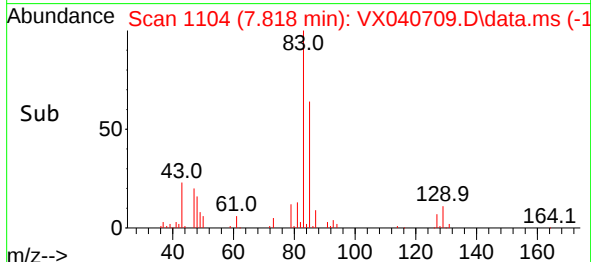
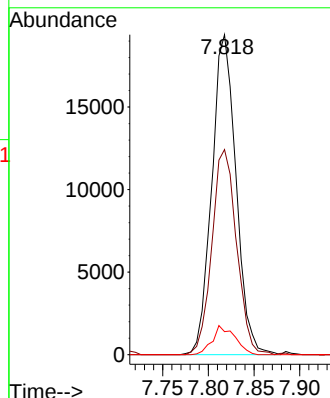
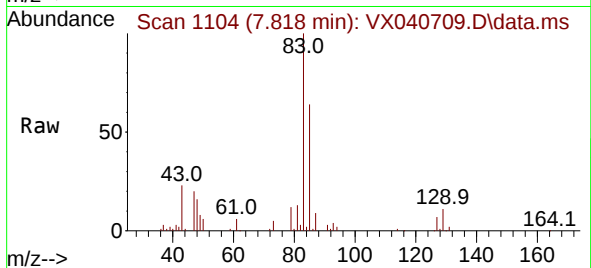
Tgt Ion: 83 Resp: 3567
Ion Ratio Lower Upper
83 100
85 64.1 50.8 76.2
127 7.2 5.9 8.9

Manual Integrations
APPROVED

Reviewed By :John
Carlone

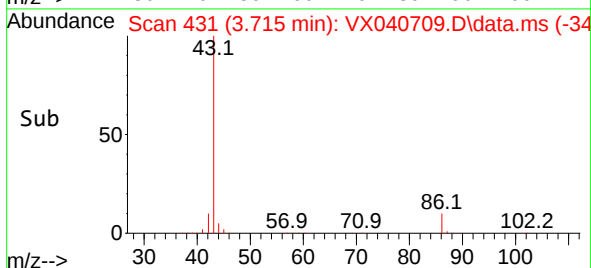
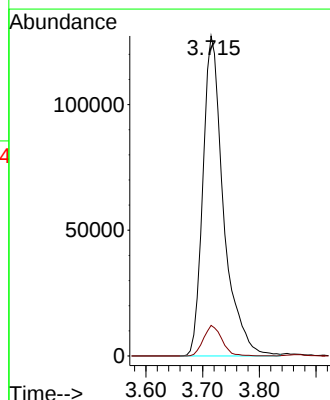
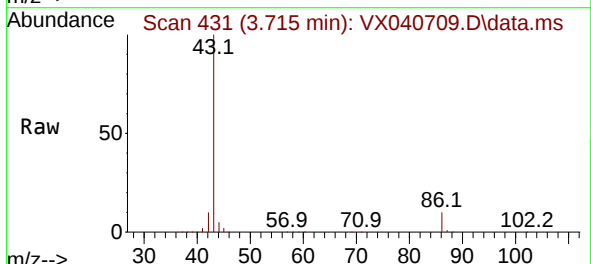
03/20/2024
Supervised By :Mahesh
Dadoda

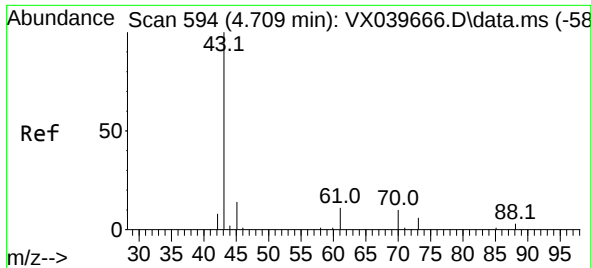
03/20/2024



#42
Vinyl Acetate
Concen: 96.308 ug/l
RT: 3.715 min Scan# 431
Delta R.T. -0.000 min
Lab File: VX040709.D
Acq: 19 Mar 2024 08:52

Tgt Ion: 43 Resp: 321918
Ion Ratio Lower Upper
43 100
86 8.5 6.7 10.1





#43

Ethyl Acetate

Concen: 17.445 ug/l

RT: 4.708 min Scan# 51

Delta R.T. -0.001 min

Lab File: VX040709.D

Acq: 19 Mar 2024 08:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion: 43 Resp: 3189

Ion Ratio Lower Upper

43 100

45 16.0 11.8 17.8

Manual Integrations

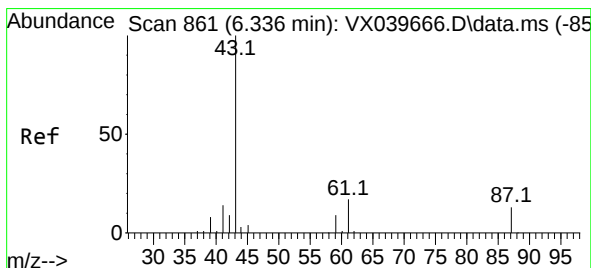
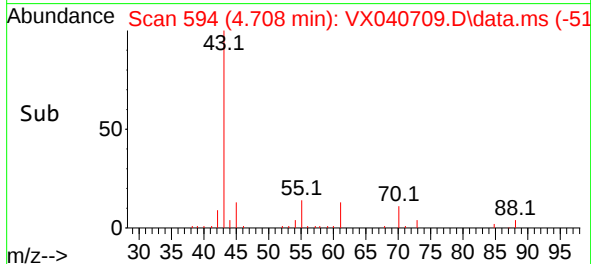
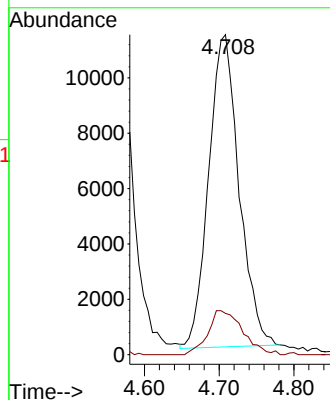
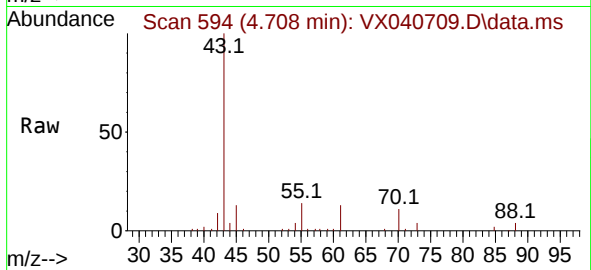
APPROVED

Reviewed By :John
Carlone

03/20/2024

Supervised By :Mahesh
Dadoda

03/20/2024



#44

Isopropyl Acetate

Concen: 18.728 ug/l

RT: 6.330 min Scan# 860

Delta R.T. -0.006 min

Lab File: VX040709.D

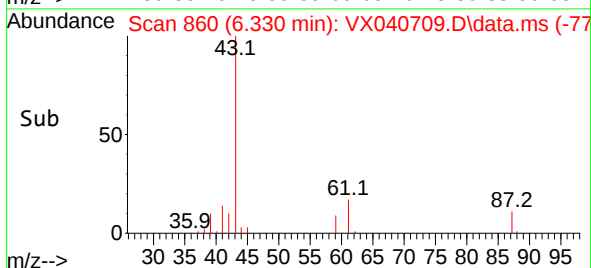
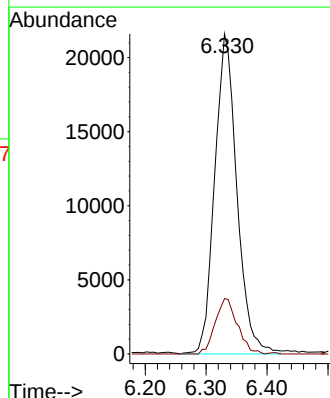
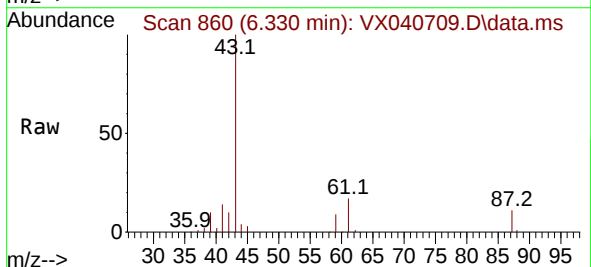
Acq: 19 Mar 2024 08:52

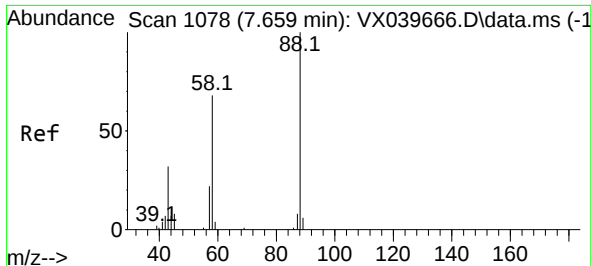
Tgt Ion: 43 Resp: 54660

Ion Ratio Lower Upper

43 100

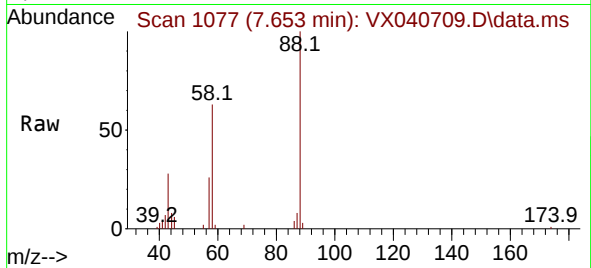
61 17.0 15.6 23.4





#45
1,4-Dioxane
Concen: 341.194 ug/l
RT: 7.653 min Scan# 1077
Delta R.T. -0.006 min
Lab File: VX040709.D
Acq: 19 Mar 2024 08:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



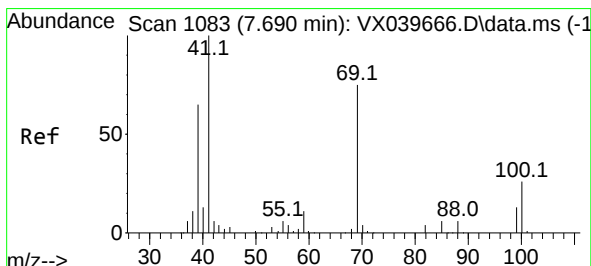
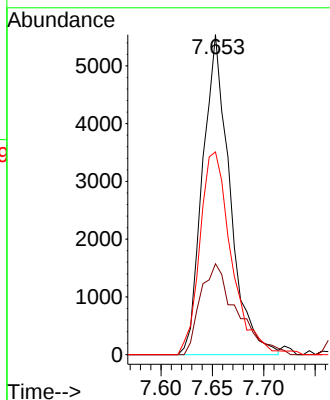
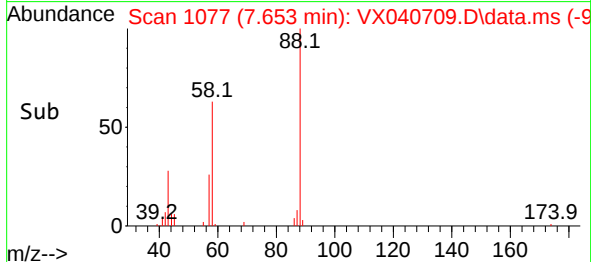
Tgt Ion: 88 Resp: 10230
Ion Ratio Lower Upper
88 100
43 37.8 28.1 42.1
58 72.5 57.7 86.5

Manual Integrations
APPROVED

Reviewed By :John
Carlone

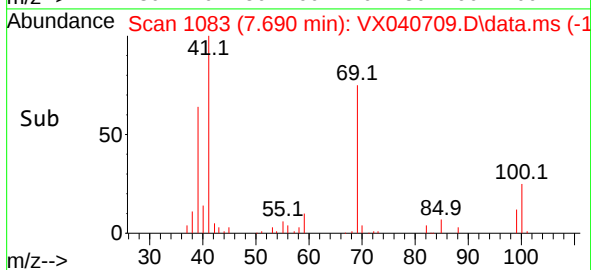
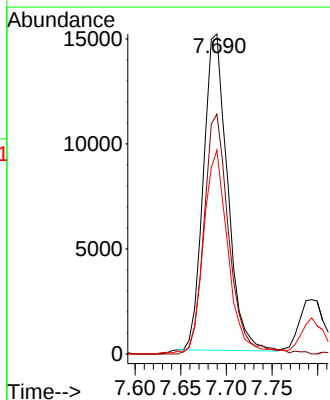
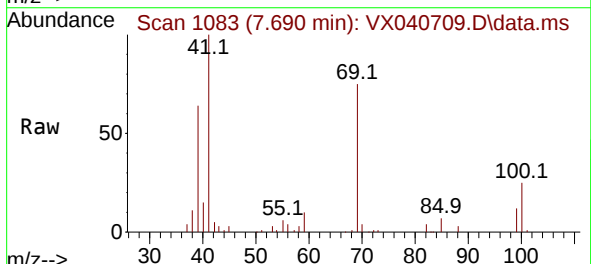
03/20/2024
Supervised By :Mahesh
Dadoda

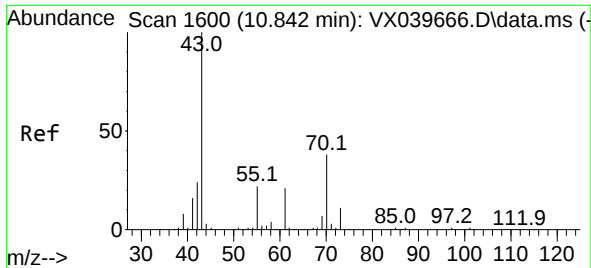
03/20/2024



#46
Methyl methacrylate
Concen: 19.070 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX040709.D
Acq: 19 Mar 2024 08:52

Tgt Ion: 41 Resp: 27644
Ion Ratio Lower Upper
41 100
69 76.0 39.6 118.8
39 63.7 30.1 90.3





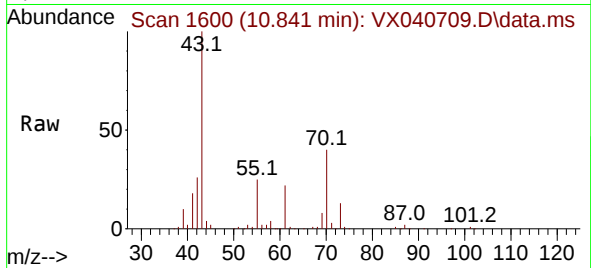
#47
n-amyl acetate
Concen: 18.270 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.001 min
Lab File: VX040709.D
Acq: 19 Mar 2024 08:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020



Tgt Ion: 43 Resp: 4595
Ion Ratio Lower Upper
43 100
55 24.6 18.2 27.2

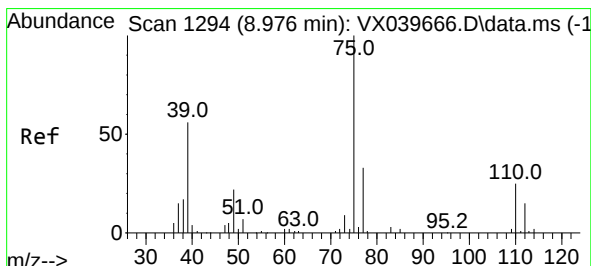
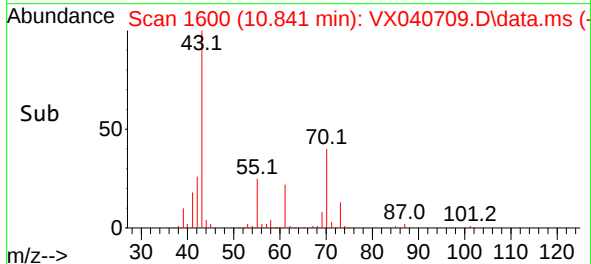
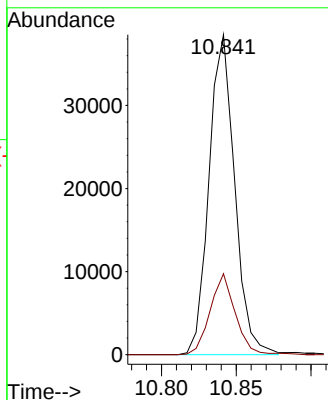
Manual Integrations
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Reviewed By :John
Carlone

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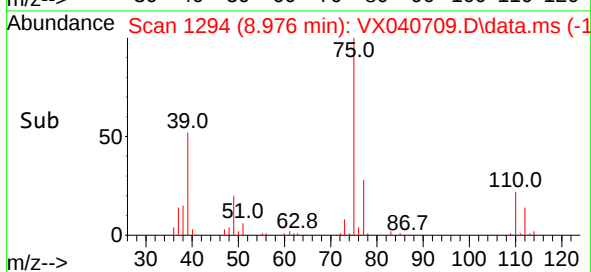
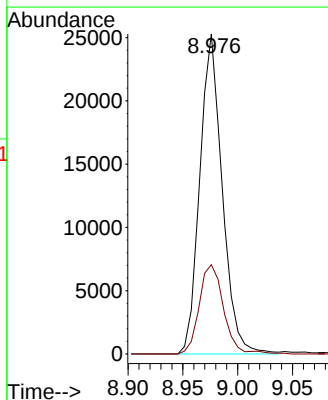
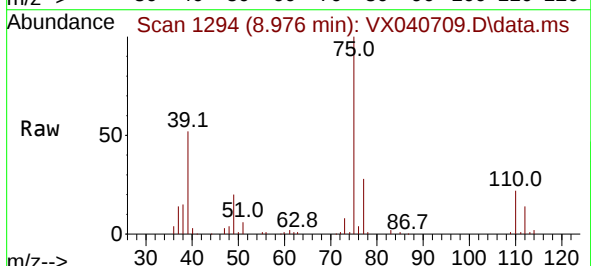
Supervised By :Mahesh
Dadoda

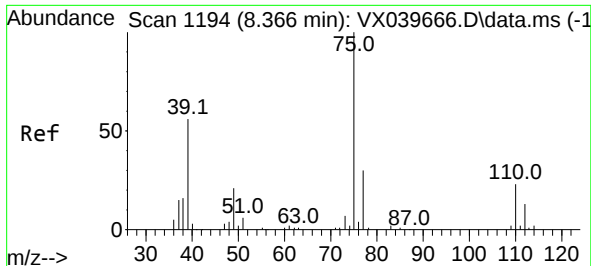
03/20/2024



#48
t-1,3-Dichloropropene
Concen: 19.927 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. -0.000 min
Lab File: VX040709.D
Acq: 19 Mar 2024 08:52

Tgt Ion: 75 Resp: 35995
Ion Ratio Lower Upper
75 100
77 27.9 26.8 40.2





#49

cis-1,3-Dichloropropene

Concen: 20.364 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX040709.D

Acq: 19 Mar 2024 08:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion: 75 Resp: 3747

Ion	Ratio	Lower	Upper
75	100		
77	29.5	24.4	36.6
39	53.9	40.6	60.8

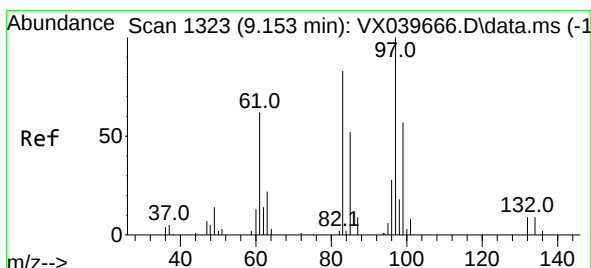
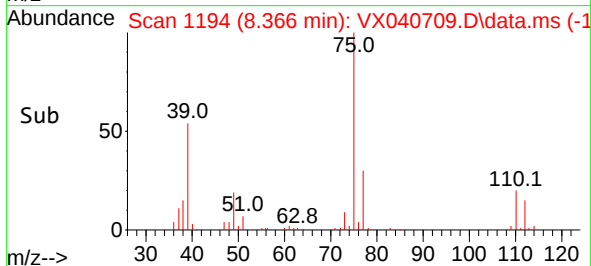
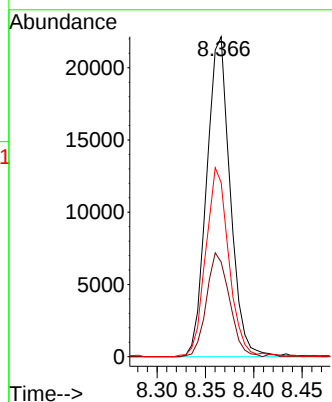
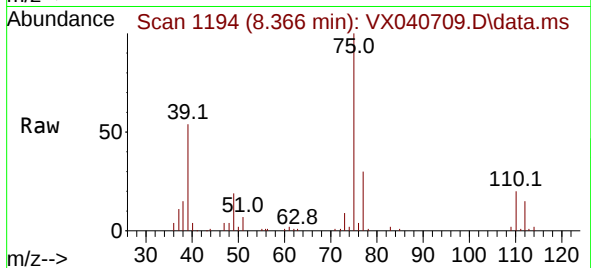
Manual Integrations
APPROVED

Reviewed By :John
Carlone

03/20/2024

Supervised By :Mahesh
Dadoda

03/20/2024



#50

1,1,2-Trichloroethane

Concen: 20.218 ug/l

RT: 9.147 min Scan# 1322

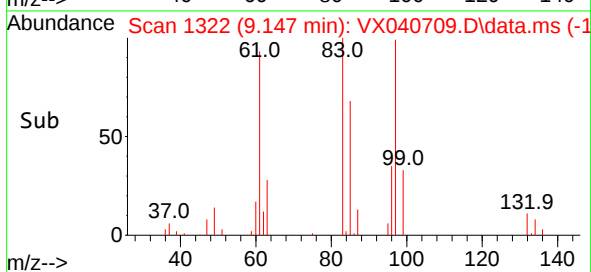
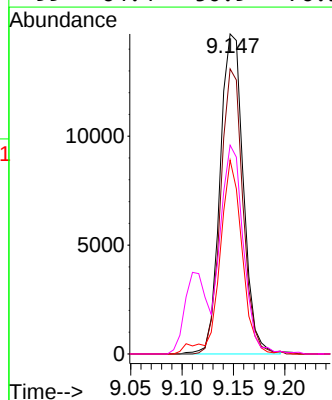
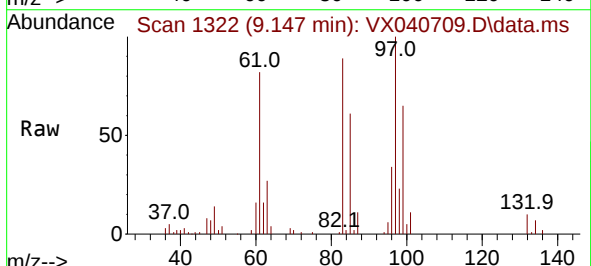
Delta R.T. -0.006 min

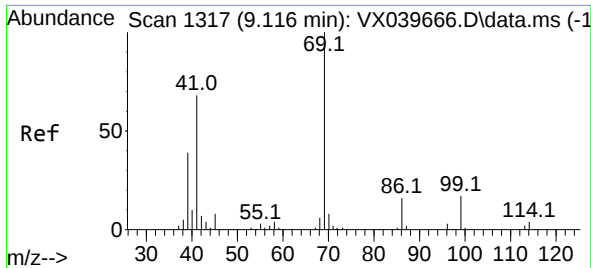
Lab File: VX040709.D

Acq: 19 Mar 2024 08:52

Tgt Ion: 97 Resp: 23071

Ion	Ratio	Lower	Upper
97	100		
83	89.1	69.0	103.6
85	59.8	46.3	69.5
99	64.4	50.9	76.3





#51
Ethyl methacrylate
Concen: 19.504 ug/l
RT: 9.110 min Scan# 1316
Delta R.T. -0.006 min
Lab File: VX040709.D
Acq: 19 Mar 2024 08:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion: 69 Resp: 35039
Ion Ratio Lower Upper
69 100
41 73.7 36.2 108.6
39 49.0 21.1 63.4

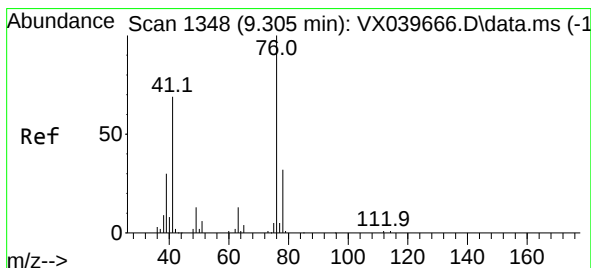
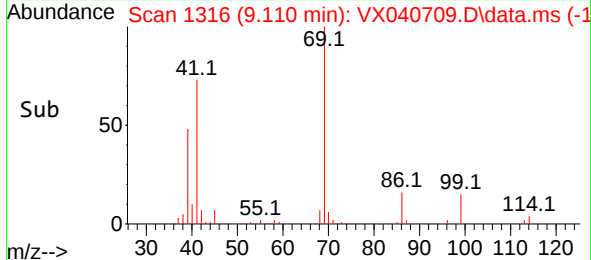
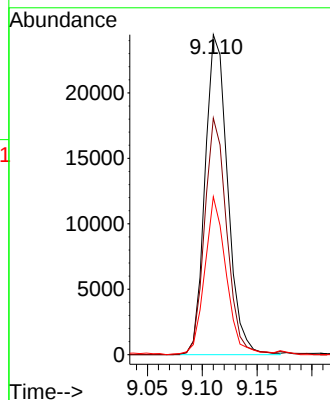
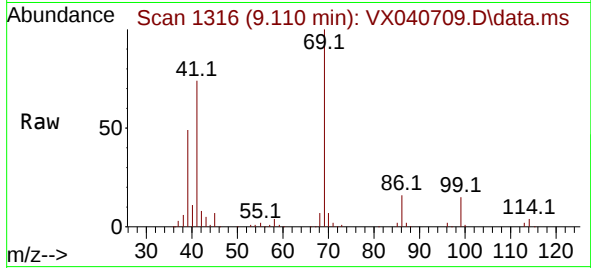
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Reviewed By :John
Carlone

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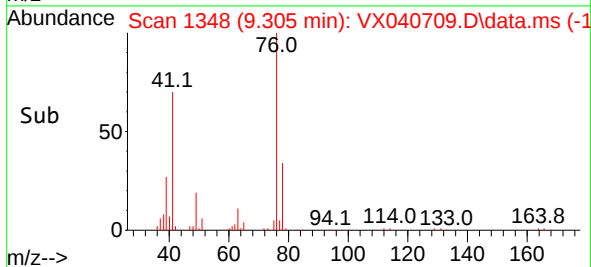
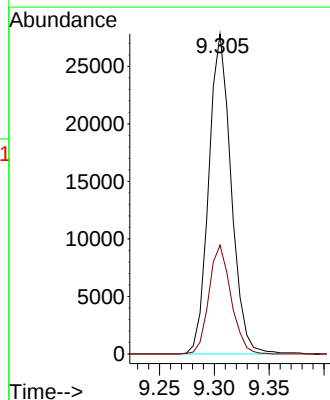
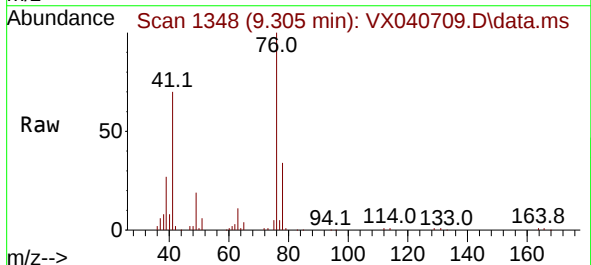
Supervised By :Mahesh
Dadoda

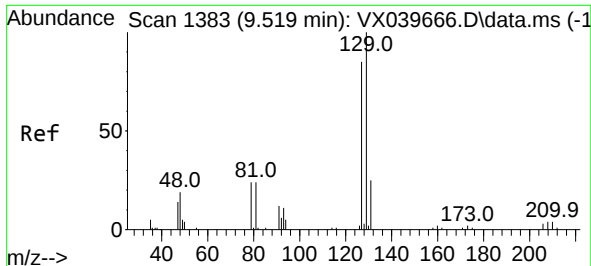
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#52
1,3-Dichloropropane
Concen: 20.306 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. 0.000 min
Lab File: VX040709.D
Acq: 19 Mar 2024 08:52

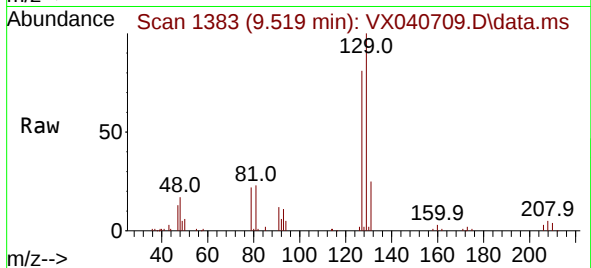
Tgt Ion: 76 Resp: 39539
Ion Ratio Lower Upper
76 100
78 33.4 0.0 65.0





#53
Dibromochloromethane
Concen: 19.545 ug/l
RT: 9.519 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX040709.D
Acq: 19 Mar 2024 08:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



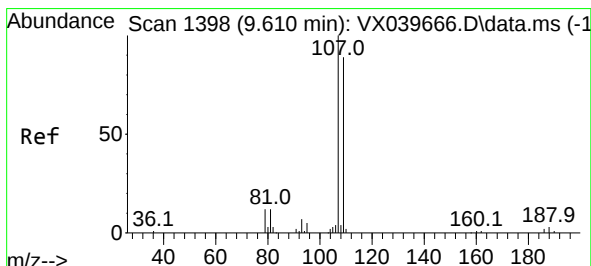
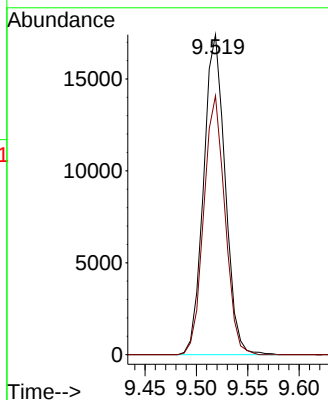
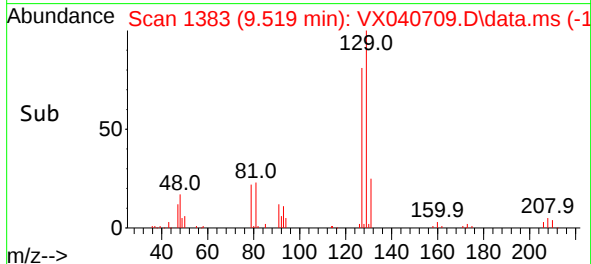
Tgt Ion:129 Resp: 25424
Ion Ratio Lower Upper
129 100
127 79.4 38.3 114.9

Manual Integrations
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Reviewed By :John
Carlone

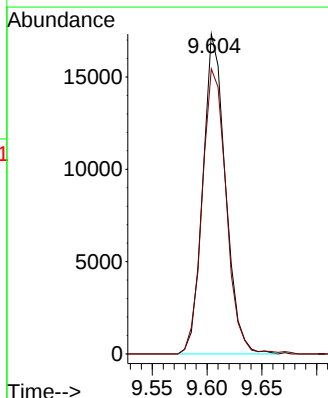
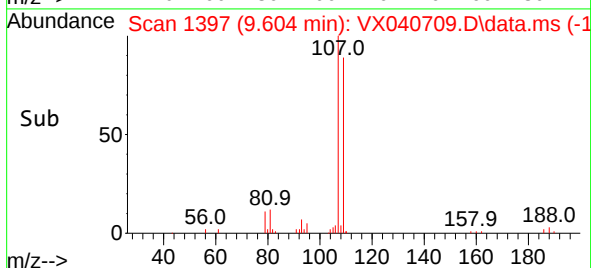
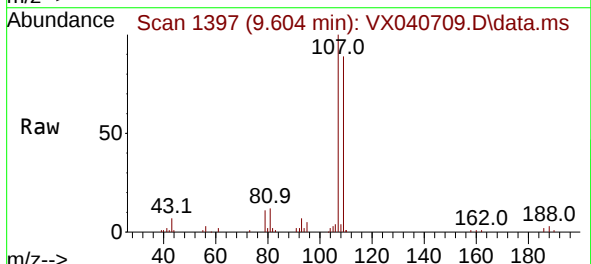
03/20/2024
Supervised By :Mahesh
Dadoda

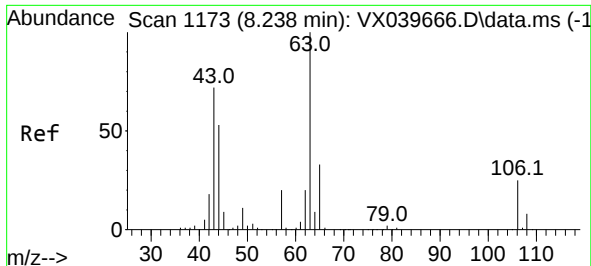
03/20/2024



#54
1,2-Dibromoethane
Concen: 19.656 ug/l
RT: 9.604 min Scan# 1397
Delta R.T. -0.006 min
Lab File: VX040709.D
Acq: 19 Mar 2024 08:52

Tgt Ion:107 Resp: 24818
Ion Ratio Lower Upper
107 100
109 93.9 75.1 112.7





#55
2-Chloroethyl vinyl ether
Concen: 101.636 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VX040709.D
Acq: 19 Mar 2024 08:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

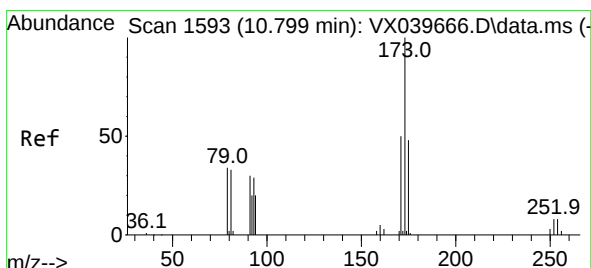
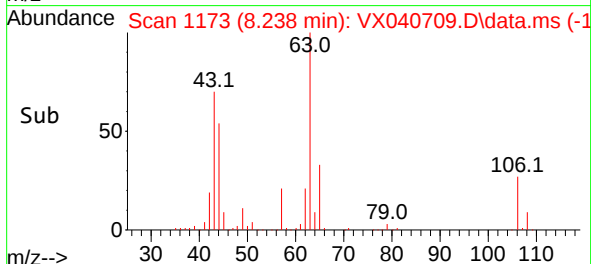
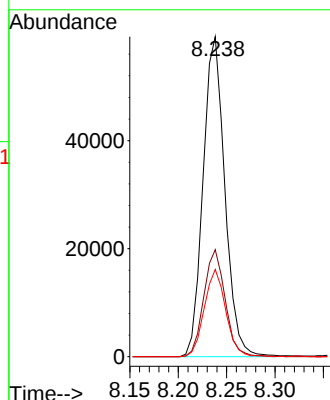
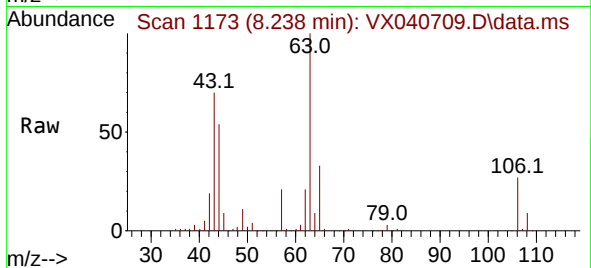
Tgt Ion: 63 Resp: 9298
Ion Ratio Lower Upper
63 100
65 32.7 25.8 38.6
106 26.8 20.6 31.0

Manual Integrations
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Reviewed By :John
Carlone

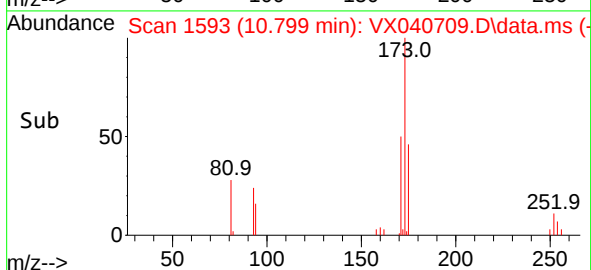
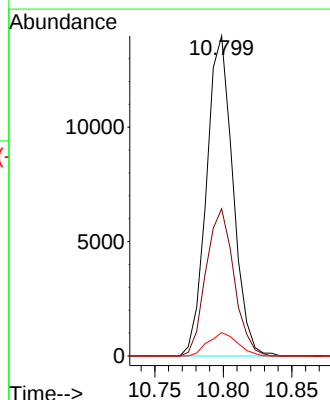
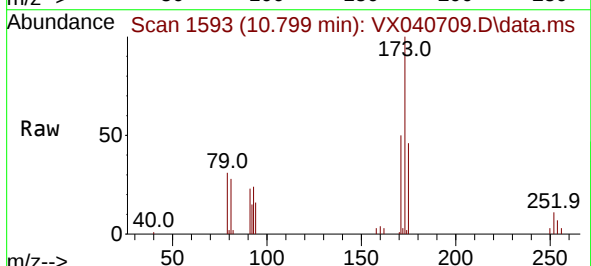
03/20/2024
Supervised By :Mahesh
Dadoda

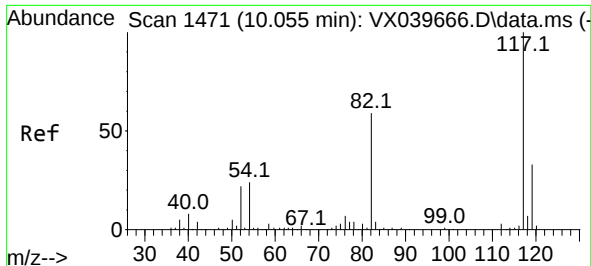
03/20/2024



#56
Bromoform
Concen: 20.330 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX040709.D
Acq: 19 Mar 2024 08:52

Tgt Ion:173 Resp: 18758
Ion Ratio Lower Upper
173 100
175 48.7 37.6 56.4
254 8.1 5.8 8.8





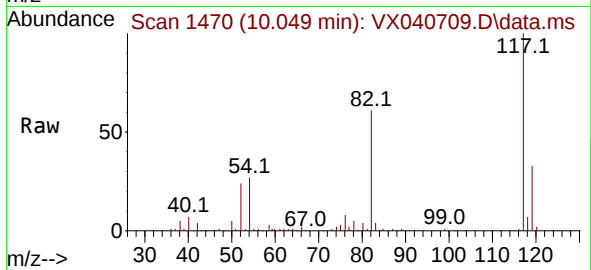
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.006 min
Lab File: VX040709.D
Acq: 19 Mar 2024 08:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020



Tgt Ion:117 Resp: 89229
Ion Ratio Lower Upper
117 100
82 59.8 47.0 70.6
119 32.9 25.2 37.8

Manual Integrations

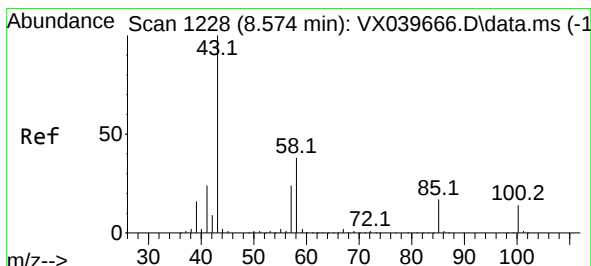
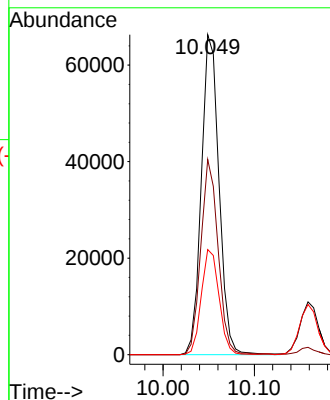
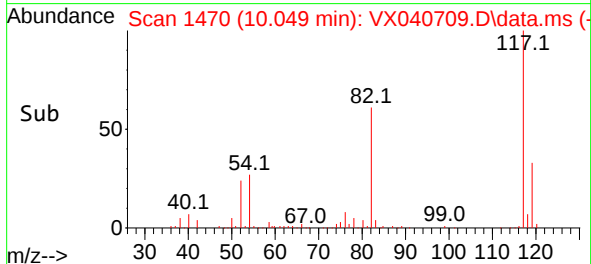
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Reviewed By :John
Carlone

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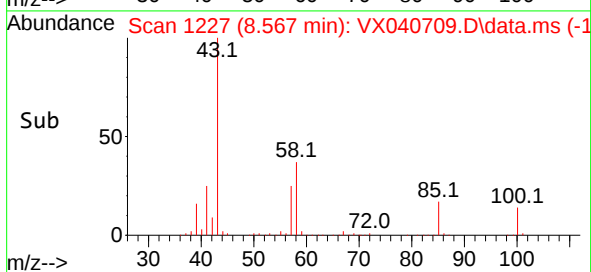
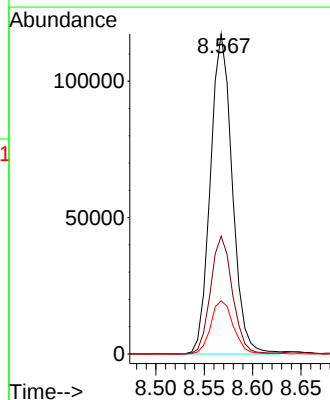
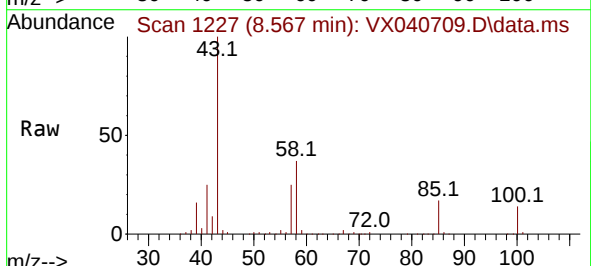
Supervised By :Mahesh
Dadoda

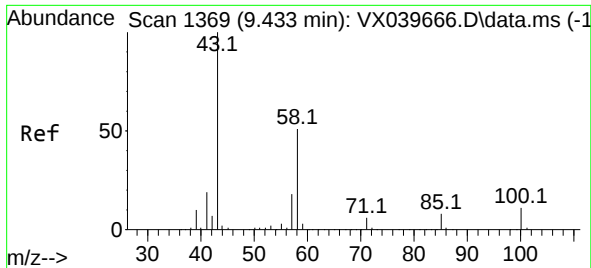
03/20/2024



#58
4-Methyl-2-Pentanone
Concen: 93.020 ug/l
RT: 8.567 min Scan# 1227
Delta R.T. -0.007 min
Lab File: VX040709.D
Acq: 19 Mar 2024 08:52

Tgt Ion: 43 Resp: 184822
Ion Ratio Lower Upper
43 100
58 36.7 30.1 45.1
85 17.1 13.9 20.9





#59
2-Hexanone
Concen: 97.677 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.006 min
Lab File: VX040709.D
Acq: 19 Mar 2024 08:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

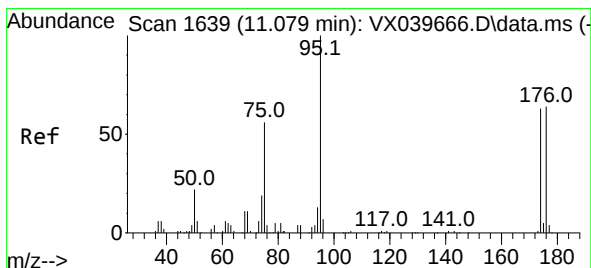
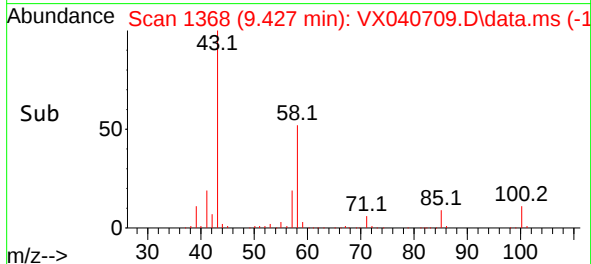
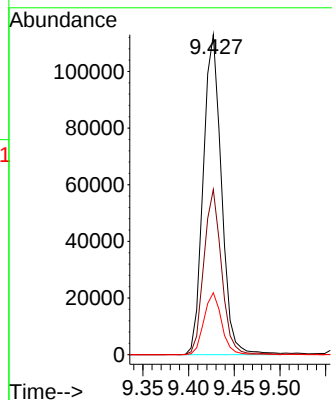
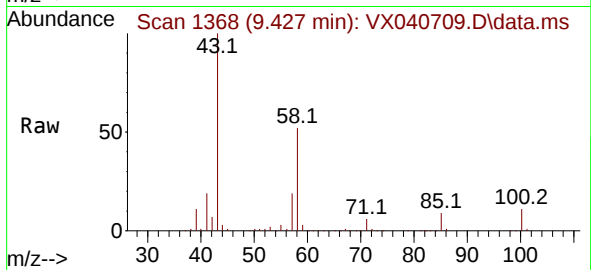
Tgt Ion: 43 Resp: 15676
Ion Ratio Lower Upper
43 100
58 49.6 42.7 64.1
57 18.7 14.8 22.2

Manual Integrations
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Reviewed By :John
Carlone

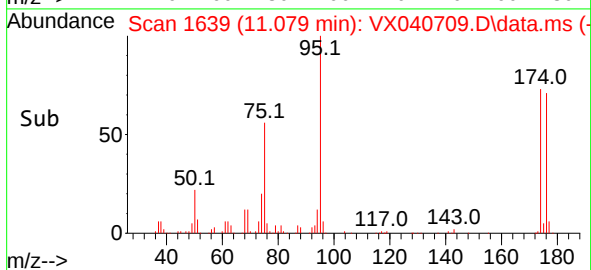
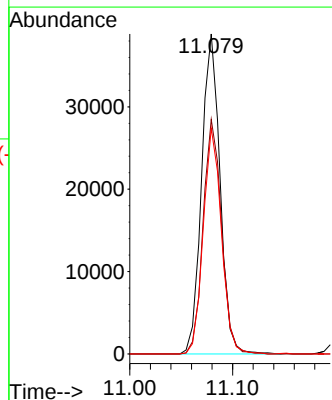
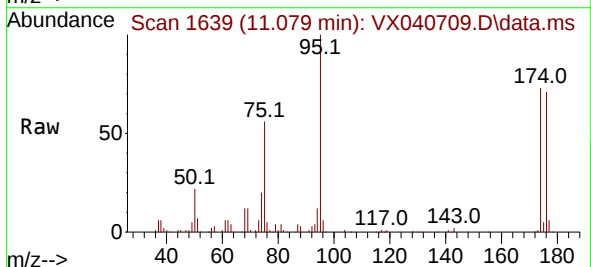
03/20/2024
Supervised By :Mahesh
Dadoda

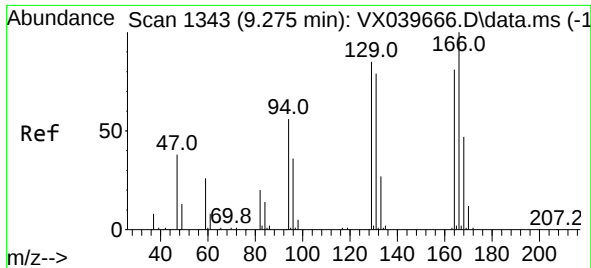
03/20/2024



#60
4-Bromofluorobenzene
Concen: 31.631 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX040709.D
Acq: 19 Mar 2024 08:52

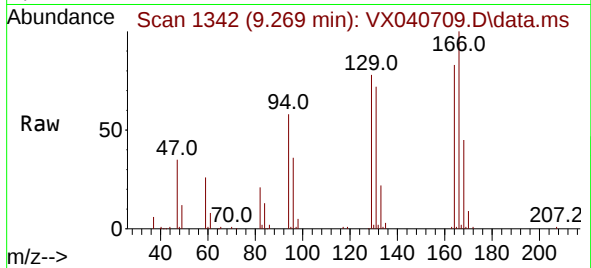
Tgt Ion: 95 Resp: 48413
Ion Ratio Lower Upper
95 100
174 73.4 55.4 83.2
176 69.6 52.6 78.8





#61
Tetrachloroethene
Concen: 20.357 ug/l
RT: 9.269 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX040709.D
Acq: 19 Mar 2024 08:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



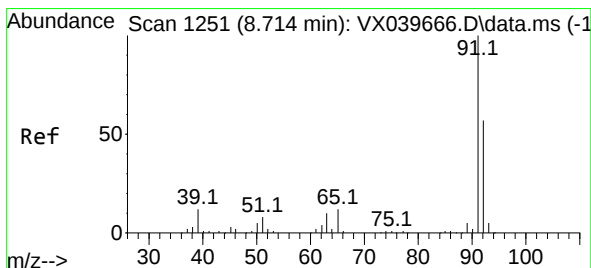
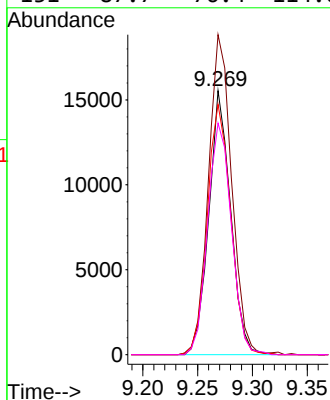
Tgt Ion:164 Resp: 21560
Ion Ratio Lower Upper
164 100
166 121.2 104.0 156.0
129 94.8 82.0 123.0
131 87.7 76.4 114.6

Manual Integrations
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Reviewed By :John
Carlone

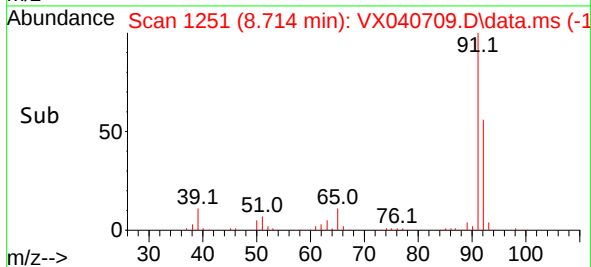
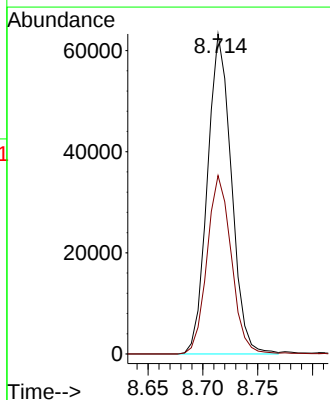
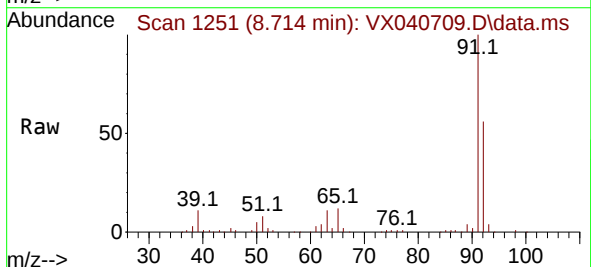
03/20/2024
Supervised By :Mahesh
Dadoda

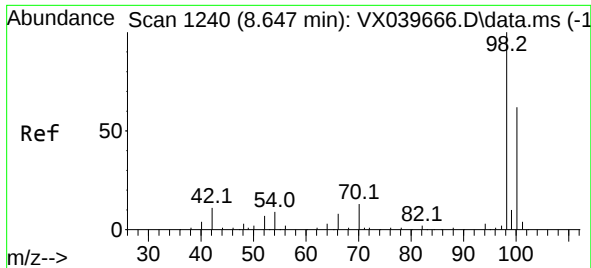
03/20/2024



#62
Toluene
Concen: 19.578 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX040709.D
Acq: 19 Mar 2024 08:52

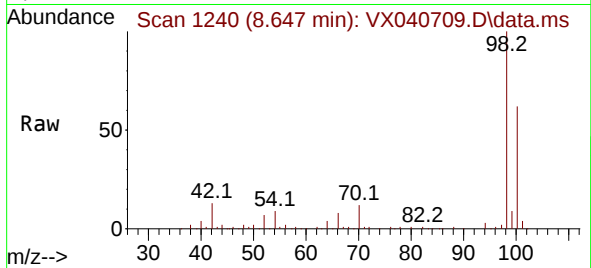
Tgt Ion: 91 Resp: 96214
Ion Ratio Lower Upper
91 100
92 56.4 45.9 68.9





#63
Toluene-d8
Concen: 29.861 ug/l
RT: 8.647 min Scan# 11774
Delta R.T. -0.000 min
Lab File: VX040709.D
Acq: 19 Mar 2024 08:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



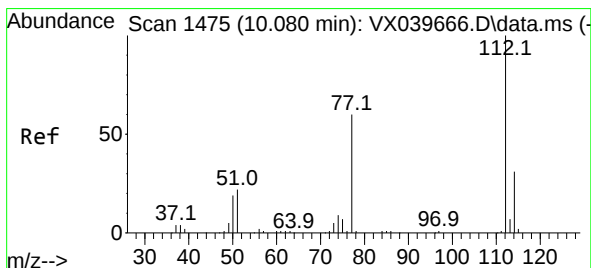
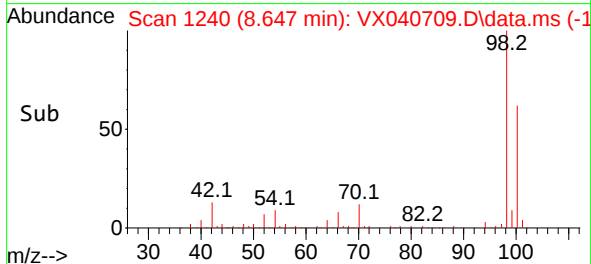
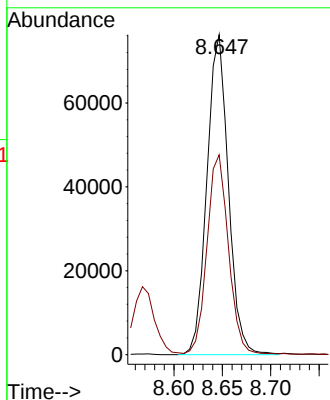
Tgt Ion: 98 Resp: 11774
Ion Ratio Lower Upper
98 100
100 62.7 51.0 76.4

Manual Integrations
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Reviewed By :John
Carlone

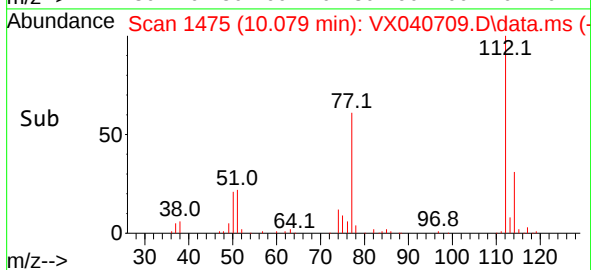
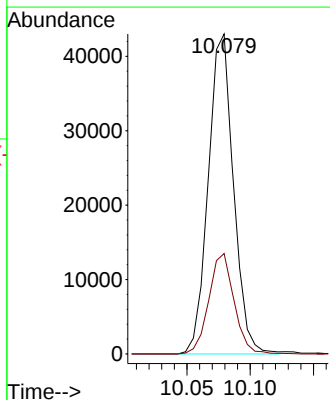
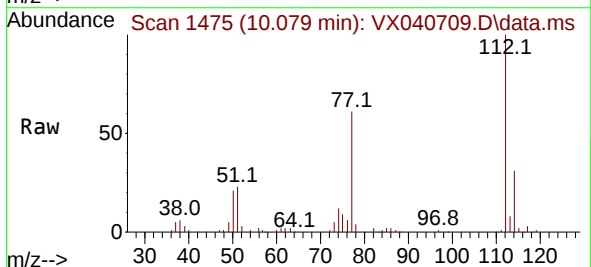
03/20/2024
Supervised By :Mahesh
Dadoda

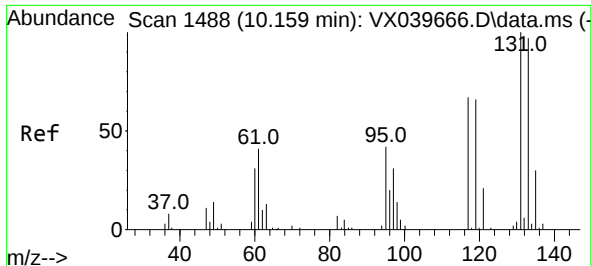
03/20/2024



#64
Chlorobenzene
Concen: 19.838 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.001 min
Lab File: VX040709.D
Acq: 19 Mar 2024 08:52

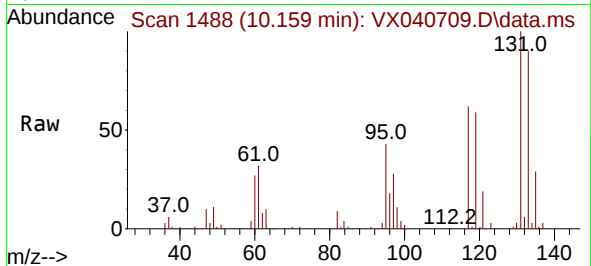
Tgt Ion:112 Resp: 59585
Ion Ratio Lower Upper
112 100
114 31.4 25.9 38.9





#65
1,1,1,2-Tetrachloroethane
Concen: 19.573 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX040709.D
Acq: 19 Mar 2024 08:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



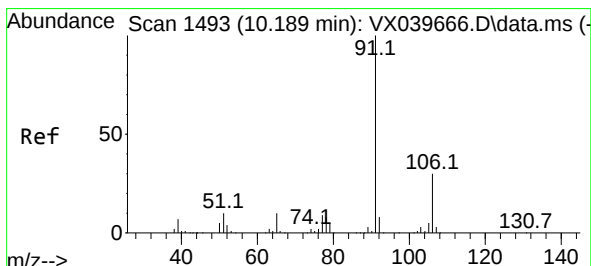
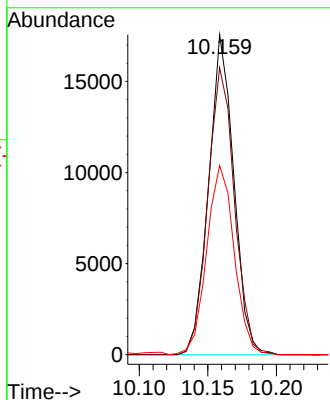
Tgt Ion:131 Resp: 22424
Ion Ratio Lower Upper
131 100
133 94.9 0.0 191.8
119 64.7 0.0 135.4

Manual Integrations
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Reviewed By :John
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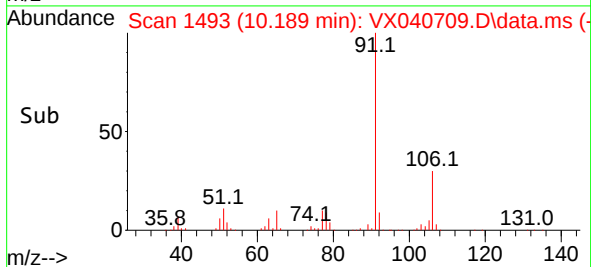
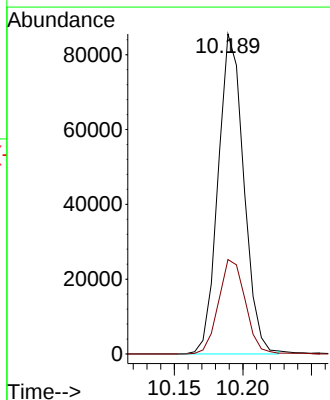
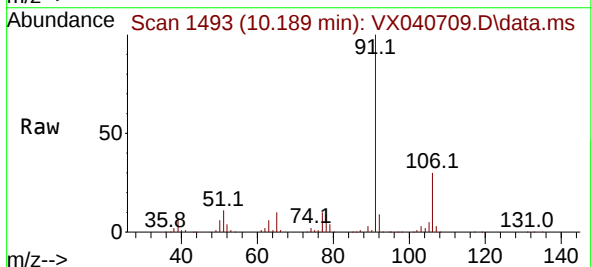
03/20/2024
Supervised By :Mahesh
Dadoda

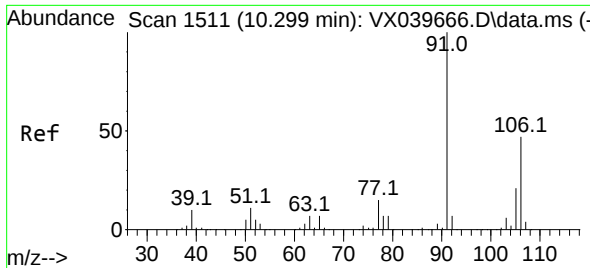
03/20/2024



#66
Ethyl Benzene
Concen: 19.664 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VX040709.D
Acq: 19 Mar 2024 08:52

Tgt Ion: 91 Resp: 111423
Ion Ratio Lower Upper
91 100
106 29.5 24.4 36.6





#67
m/p-Xylenes
Concen: 39.578 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX040709.D
Acq: 19 Mar 2024 08:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

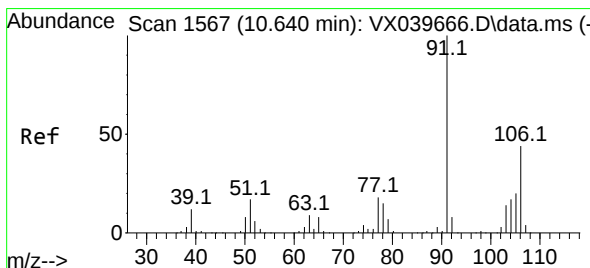
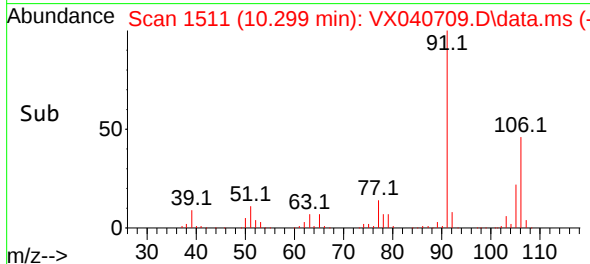
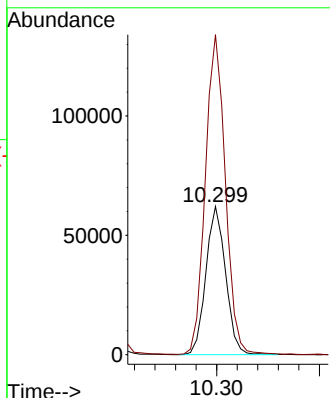
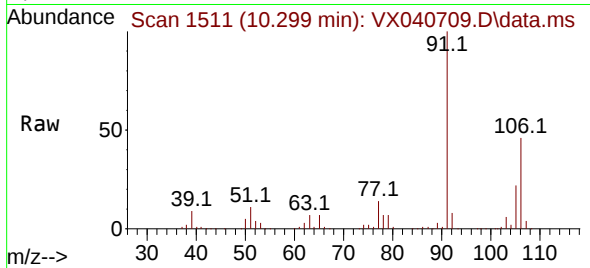
Tgt Ion:106 Resp: 82814
Ion Ratio Lower Upper
106 100
91 218.5 169.4 254.0

Manual Integrations
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Reviewed By :John
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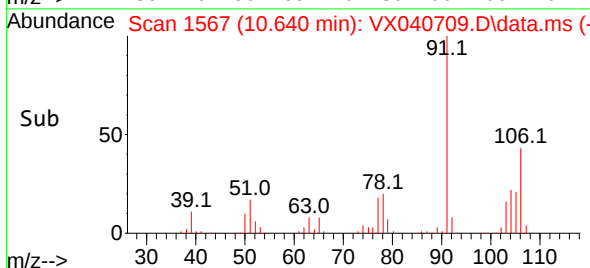
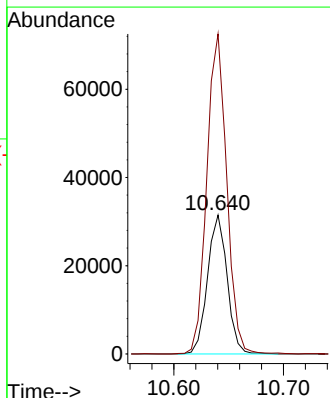
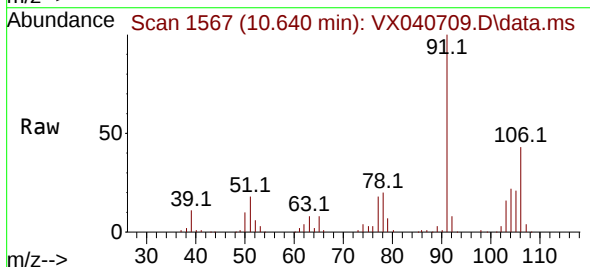
03/20/2024
Supervised By :Mahesh
Dadoda

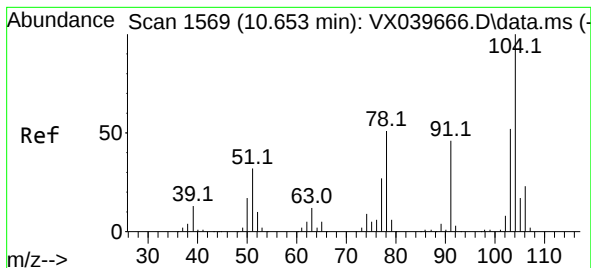
03/20/2024



#68
o-Xylene
Concen: 19.433 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX040709.D
Acq: 19 Mar 2024 08:52

Tgt Ion:106 Resp: 39144
Ion Ratio Lower Upper
106 100
91 233.9 111.2 333.6





#69

Styrene

Concen: 19.609 ug/l

RT: 10.652 min Scan# 1569

Delta R.T. -0.001 min

Lab File: VX040709.D

Acq: 19 Mar 2024 08:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion:104 Resp: 66363
 Ion Ratio Lower Upper
 104 100
 78 60.3 43.7 65.5
 103 56.0 44.6 67.0

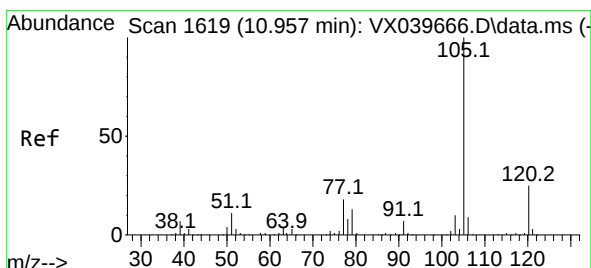
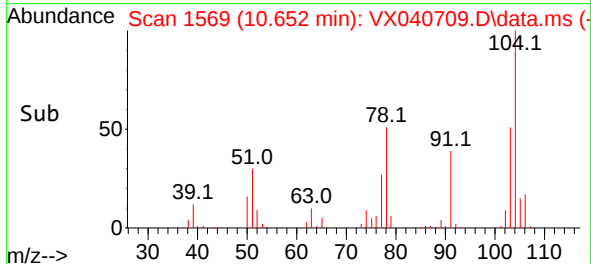
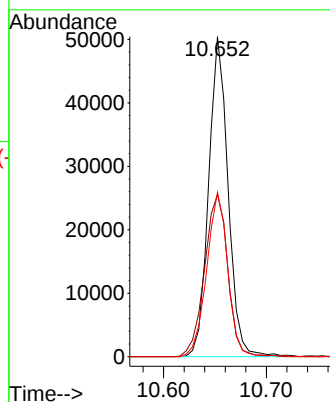
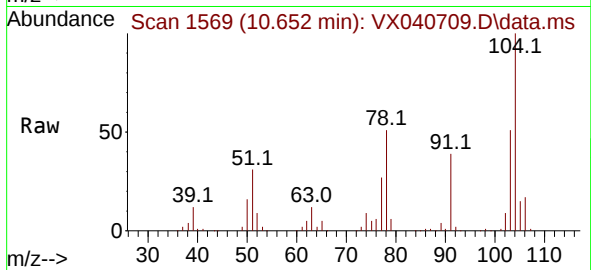
Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

03/20/2024

Supervised By :Mahesh
 Dadoda

03/20/2024



#70

Isopropylbenzene

Concen: 20.100 ug/l

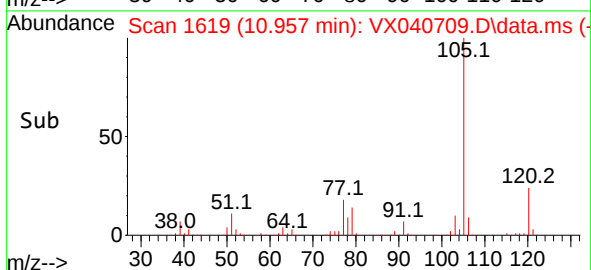
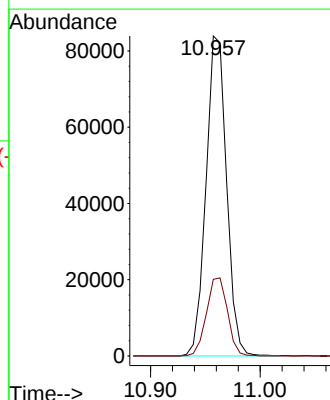
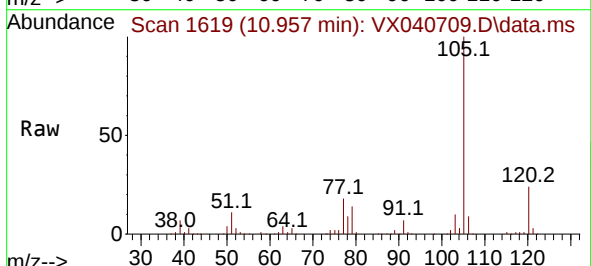
RT: 10.957 min Scan# 1619

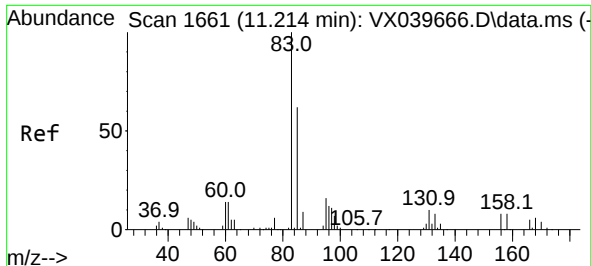
Delta R.T. 0.000 min

Lab File: VX040709.D

Acq: 19 Mar 2024 08:52

Tgt Ion:105 Resp: 109400
 Ion Ratio Lower Upper
 105 100
 120 24.9 18.5 34.3





#71
1,1,2,2-Tetrachloroethane
Concen: 19.523 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. -0.007 min
Lab File: VX040709.D
Acq: 19 Mar 2024 08:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

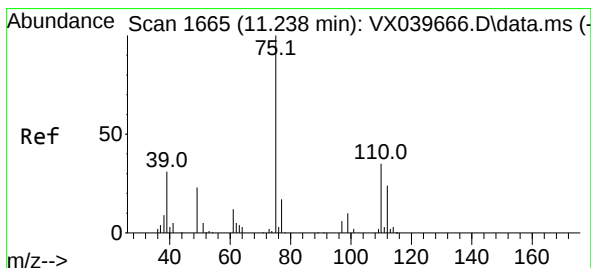
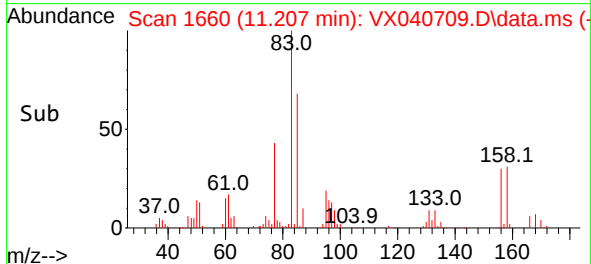
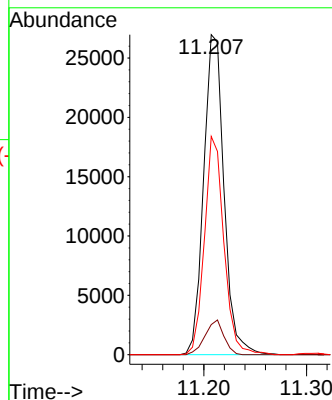
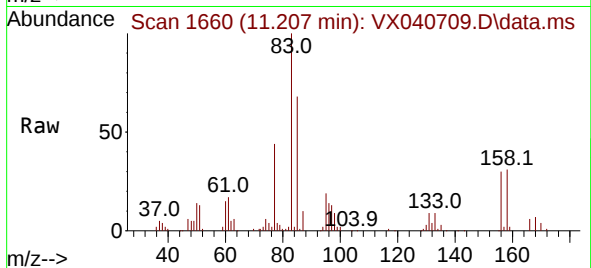
Tgt Ion: 83 Resp: 3725
Ion Ratio Lower Upper
83 100
131 10.0 4.6 13.8
85 65.1 32.5 97.4

Manual Integrations
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Reviewed By :John
Carlone

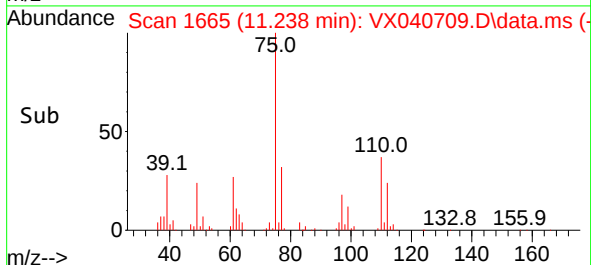
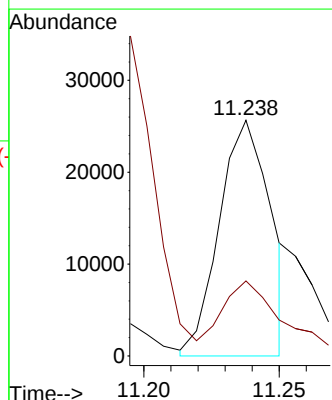
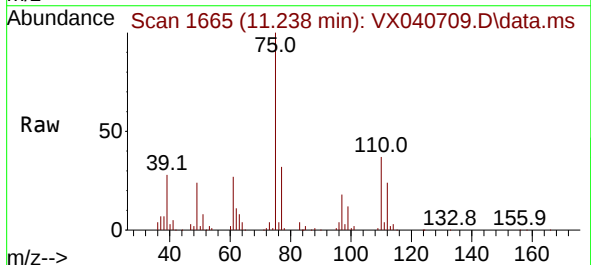
03/20/2024
Supervised By :Mahesh
Dadoda

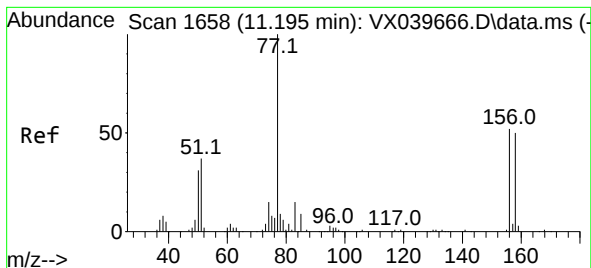
03/20/2024



#72
1,2,3-Trichloropropane
Concen: 19.680 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX040709.D
Acq: 19 Mar 2024 08:52

Tgt Ion: 75 Resp: 33788
Ion Ratio Lower Upper
75 100
77 38.7 0.0 76.4





#73

Bromobenzene

Concen: 19.809 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX040709.D

Acq: 19 Mar 2024 08:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion:	156	Resp:	25524
Ion Ratio	Lower	Upper	
156	100		
77	178.3	0.0	363.2
158	98.1	0.0	197.8

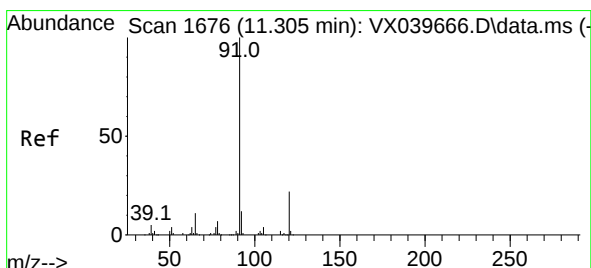
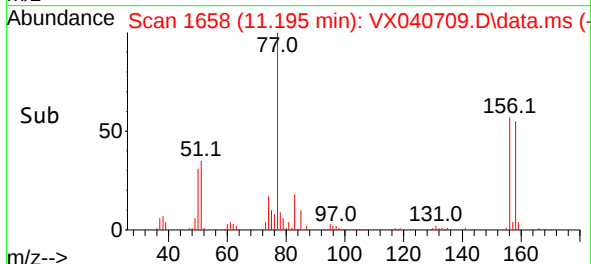
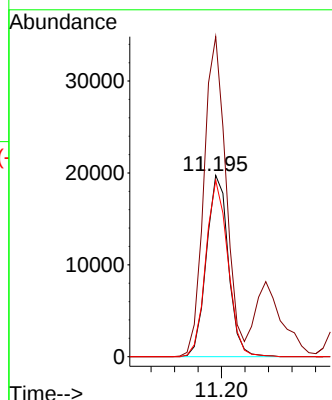
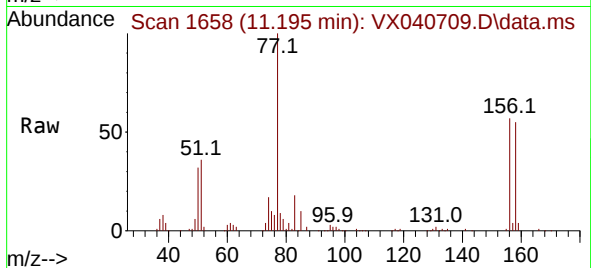
Manual Integrations
APPROVED

Reviewed By :John
Carlone

03/20/2024

Supervised By :Mahesh
Dadoda

03/20/2024



#74

n-propylbenzene

Concen: 20.311 ug/l

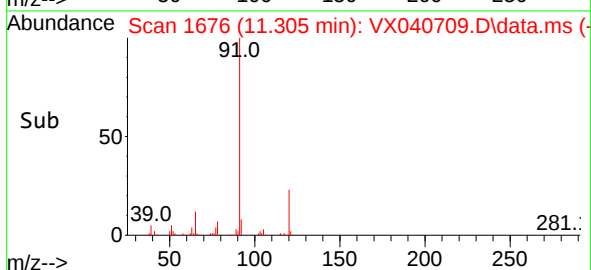
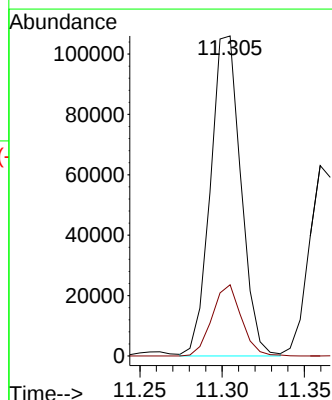
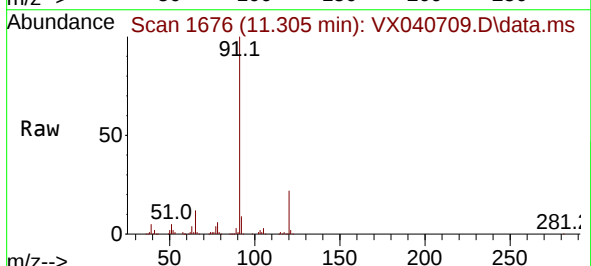
RT: 11.305 min Scan# 1676

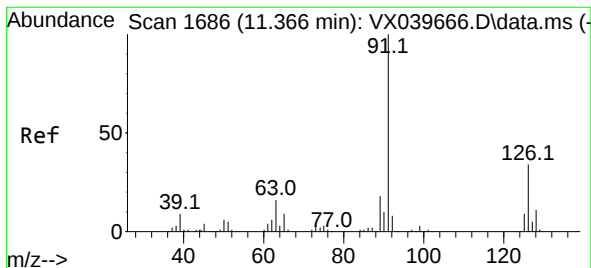
Delta R.T. -0.000 min

Lab File: VX040709.D

Acq: 19 Mar 2024 08:52

Tgt Ion:	91	Resp:	136535
Ion Ratio	Lower	Upper	
91	100		
120	21.4	0.0	43.4





#75
2-Chlorotoluene
Concen: 20.332 ug/l
RT: 11.360 min Scan# 1108
Delta R.T. -0.006 min
Lab File: VX040709.D
Acq: 19 Mar 2024 08:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

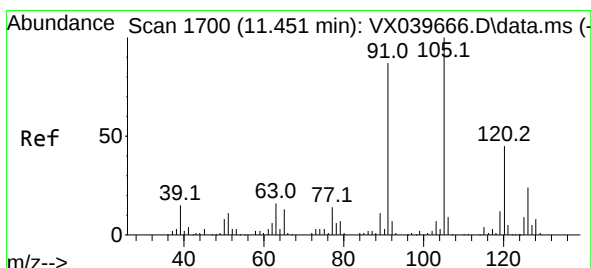
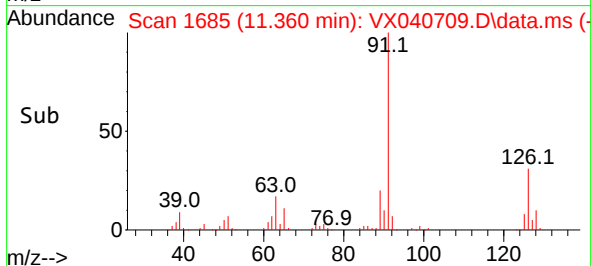
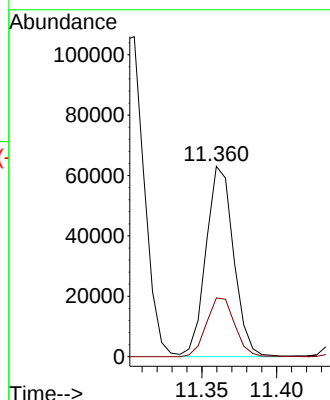
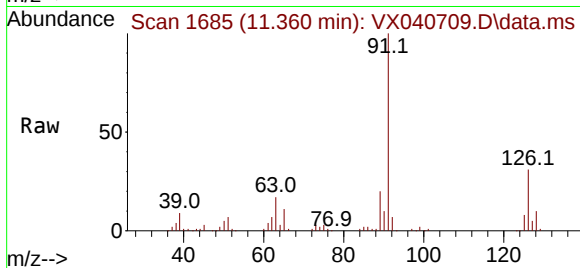
Tgt Ion: 91 Resp: 81108
Ion Ratio Lower Upper
91 100
126 31.7 0.0 64.2

Manual Integrations
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Reviewed By :John
Carlone

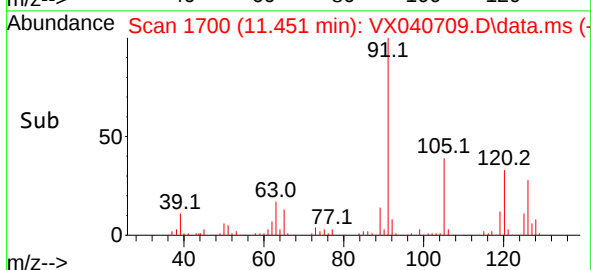
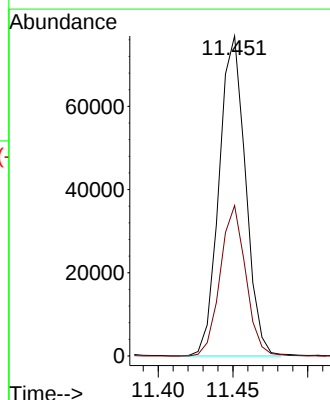
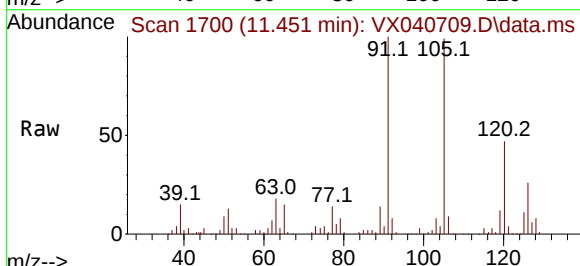
03/20/2024
Supervised By :Mahesh
Dadoda

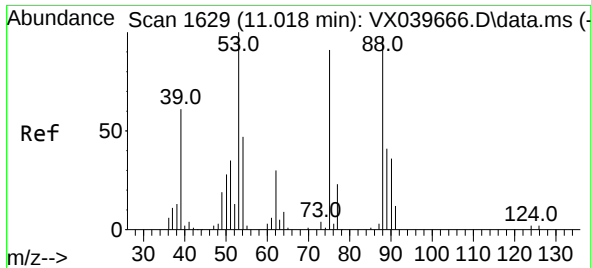
03/20/2024



#76
1,3,5-Trimethylbenzene
Concen: 19.713 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX040709.D
Acq: 19 Mar 2024 08:52

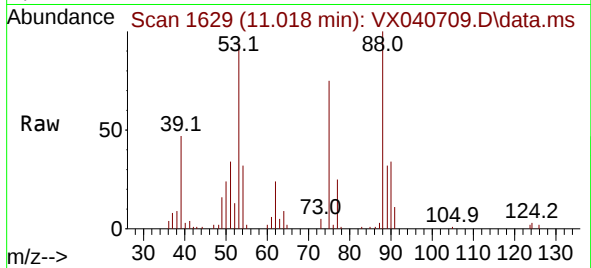
Tgt Ion:105 Resp: 94457
Ion Ratio Lower Upper
105 100
120 45.4 0.0 92.6





#77
t-1,4-Dichloro-2-butene
Concen: 19.173 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX040709.D
Acq: 19 Mar 2024 08:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



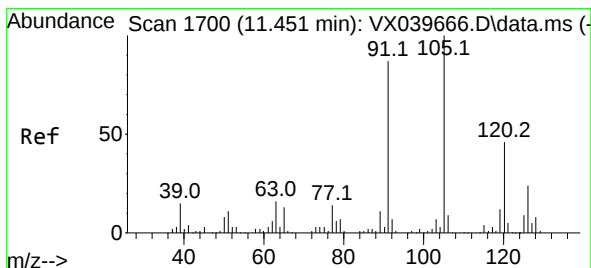
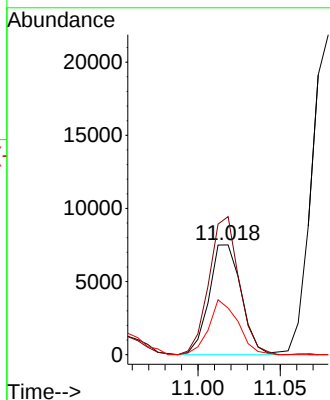
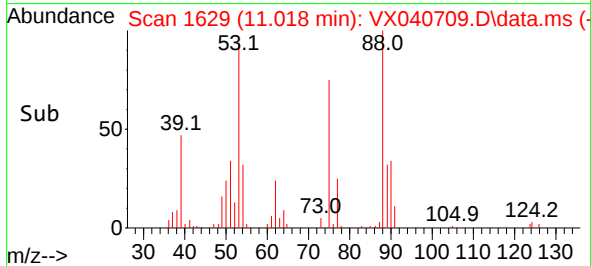
Tgt Ion: 75 Resp: 10230
Ion Ratio Lower Upper
75 100
53 125.8 46.9 140.8
89 42.5 21.3 63.7

Manual Integrations
APPROVED

Reviewed By :John
Carlone

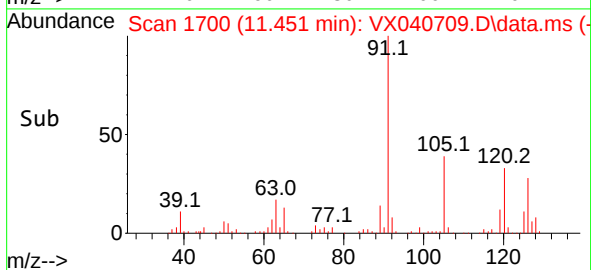
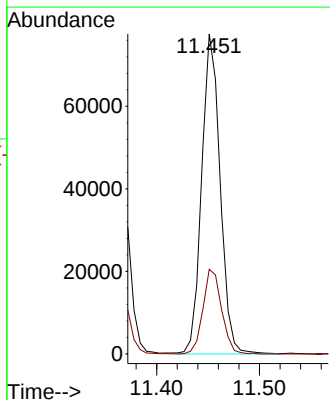
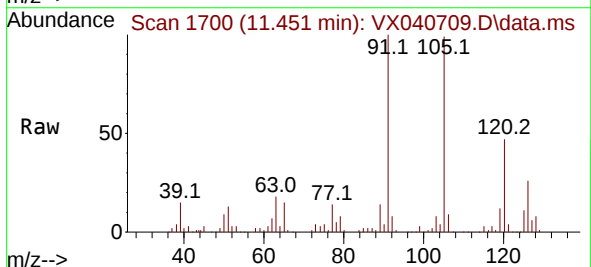
03/20/2024
Supervised By :Mahesh
Dadoda

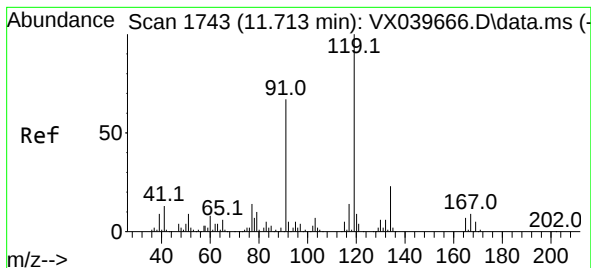
03/20/2024



#78
4-Chlorotoluene
Concen: 20.362 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX040709.D
Acq: 19 Mar 2024 08:52

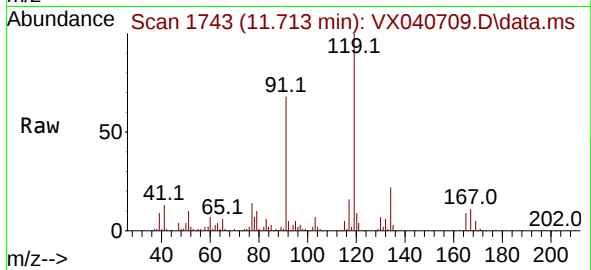
Tgt Ion: 91 Resp: 96897
Ion Ratio Lower Upper
91 100
126 26.7 0.0 57.4





#79
tert-butylbenzene
Concen: 19.647 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX040709.D
Acq: 19 Mar 2024 08:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



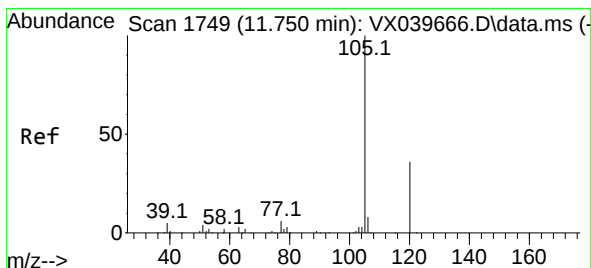
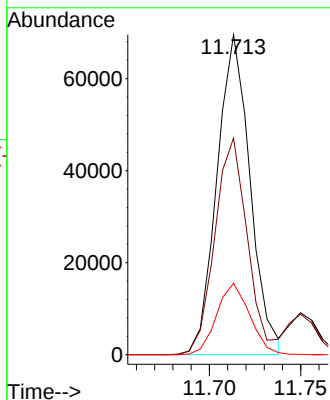
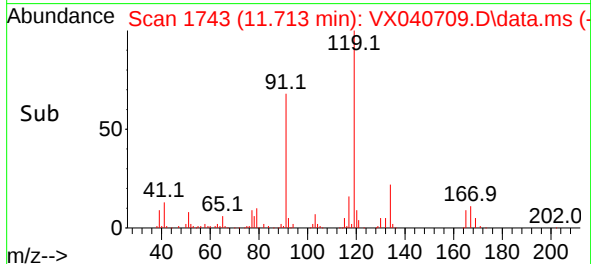
Tgt Ion:119 Resp: 8786
Ion Ratio Lower Upper
119 100
91 65.6 0.0 125.6
134 22.3 0.0 43.8

Manual Integrations
APPROVED

Reviewed By :John
Carlone

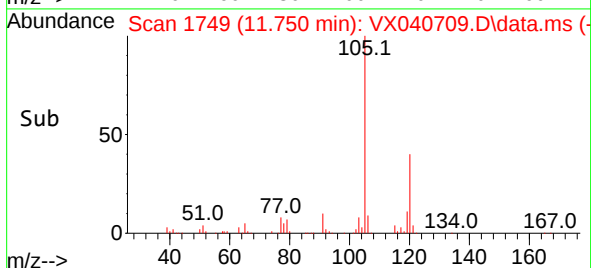
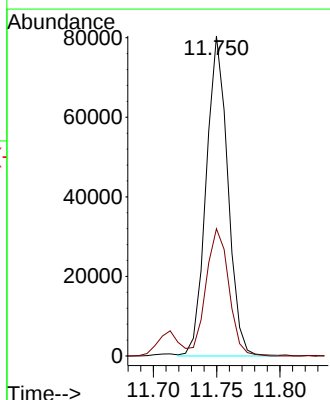
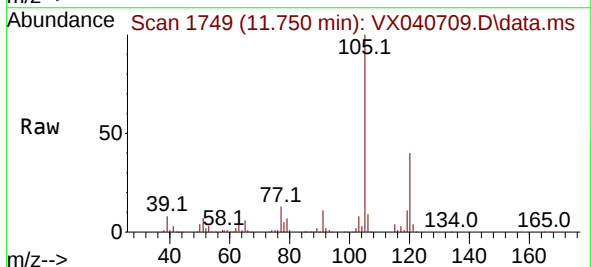
03/20/2024
Supervised By :Mahesh
Dadoda

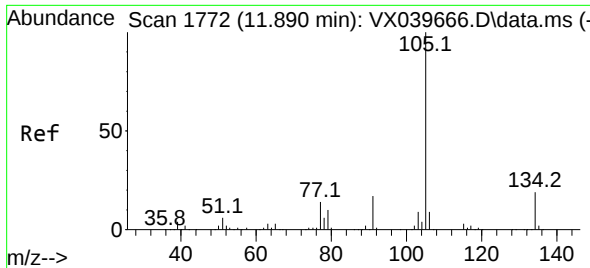
03/20/2024



#80
1,2,4-Trimethylbenzene
Concen: 20.223 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX040709.D
Acq: 19 Mar 2024 08:52

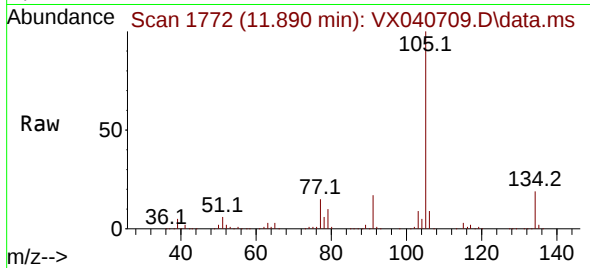
Tgt Ion:105 Resp: 95474
Ion Ratio Lower Upper
105 100
120 42.1 0.0 86.4





#81
 sec-Butylbenzene
 Concen: 19.722 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX040709.D
 Acq: 19 Mar 2024 08:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020



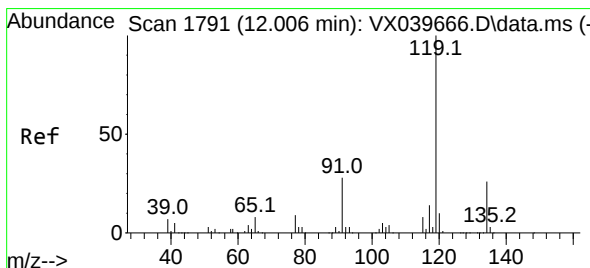
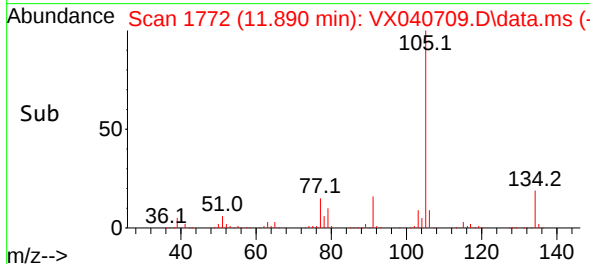
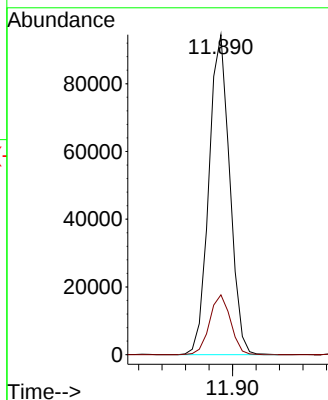
Tgt Ion:105 Resp: 11645
 Ion Ratio Lower Upper
 105 100
 134 18.8 0.0 38.4

Manual Integrations
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Reviewed By :John
 Carlone

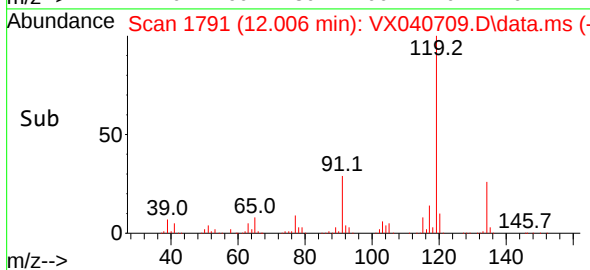
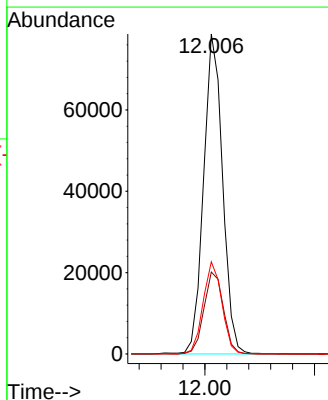
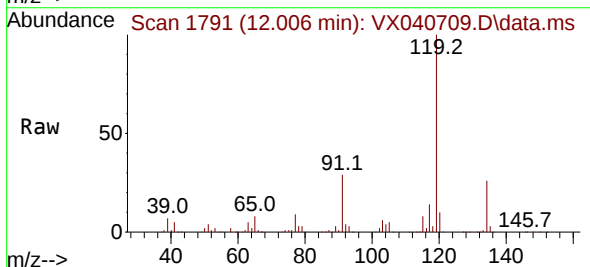
03/20/2024
 Supervised By :Mahesh
 Dadoda

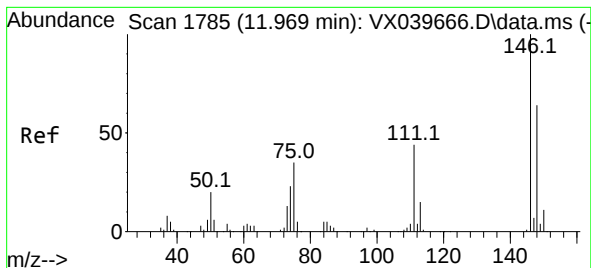
03/20/2024



#82
 p-Isopropyltoluene
 Concen: 19.530 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX040709.D
 Acq: 19 Mar 2024 08:52

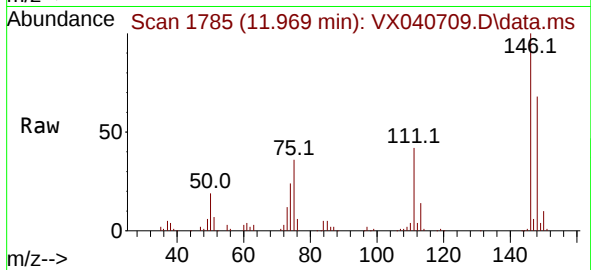
Tgt Ion:119 Resp: 94394
 Ion Ratio Lower Upper
 119 100
 134 26.3 0.0 52.6
 91 28.5 0.0 54.2





#83
1,3-Dichlorobenzene
Concen: 19.915 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX040709.D
Acq: 19 Mar 2024 08:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



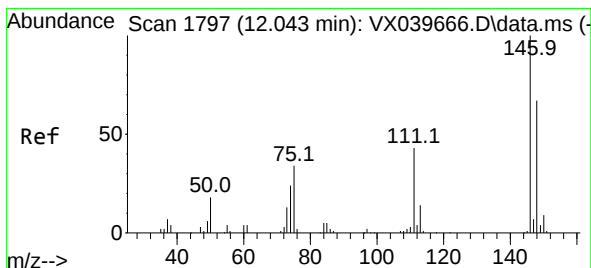
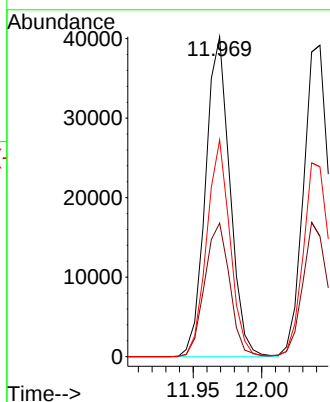
Tgt Ion:146 Resp: 4993
Ion Ratio Lower Upper
146 100
111 42.3 22.3 66.9
148 64.1 32.8 98.3

Manual Integrations
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Reviewed By :John
Carlone

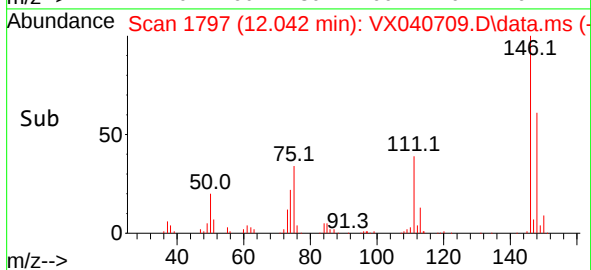
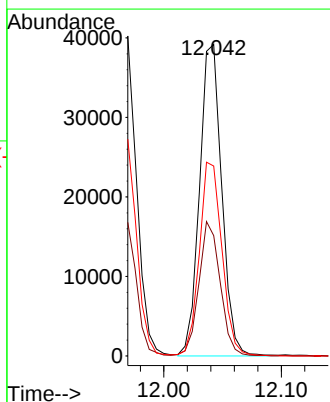
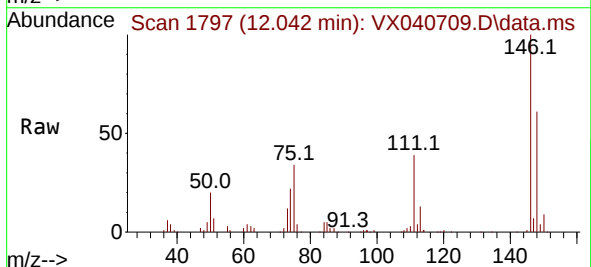
03/20/2024
Supervised By :Mahesh
Dadoda

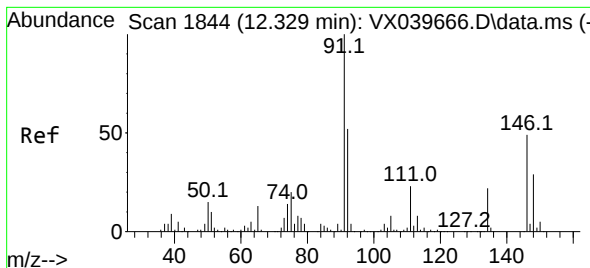
03/20/2024



#84
1,4-Dichlorobenzene
Concen: 20.066 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. -0.001 min
Lab File: VX040709.D
Acq: 19 Mar 2024 08:52

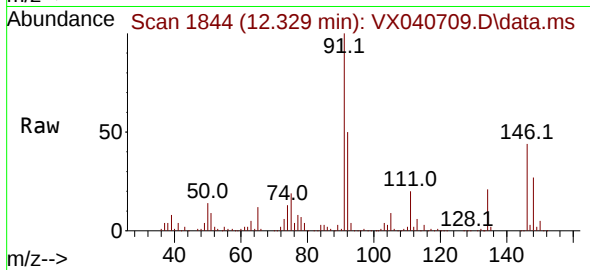
Tgt Ion:146 Resp: 51448
Ion Ratio Lower Upper
146 100
111 41.2 21.4 64.2
148 63.4 31.8 95.4





#85
n-Butylbenzene
Concen: 19.100 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX040709.D
Acq: 19 Mar 2024 08:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



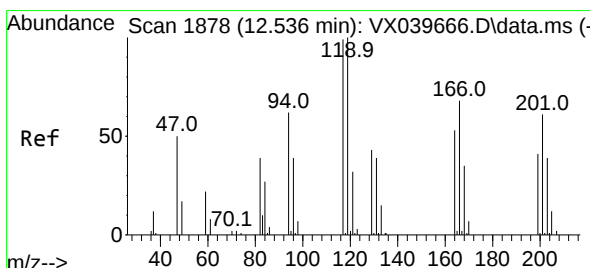
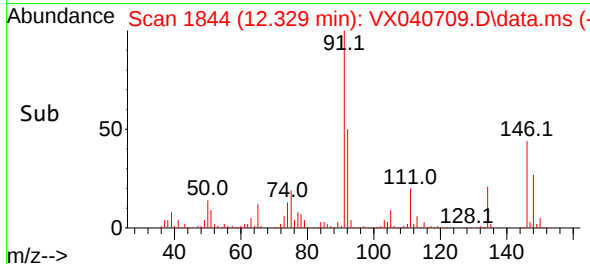
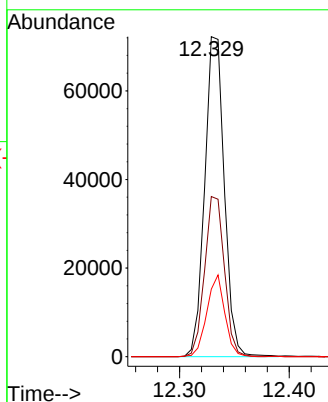
Tgt Ion: 91 Resp: 89828
Ion Ratio Lower Upper
91 100
92 50.4 0.0 106.2
134 23.4 0.0 48.8

Manual Integrations
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Reviewed By :John
Carlone

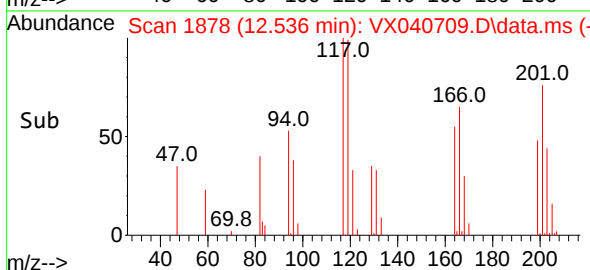
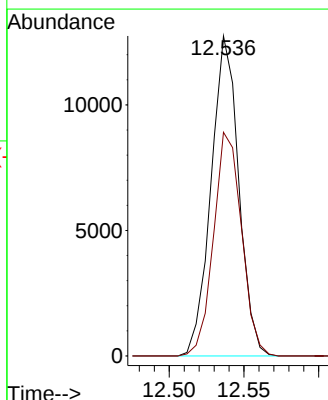
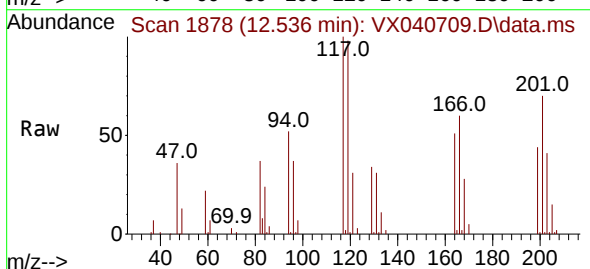
03/20/2024
Supervised By :Mahesh
Dadoda

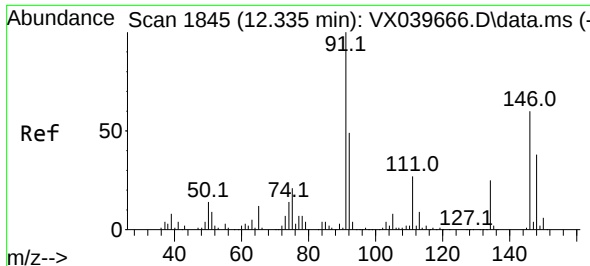
03/20/2024



#86
Hexachloroethane
Concen: 19.422 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX040709.D
Acq: 19 Mar 2024 08:52

Tgt Ion:117 Resp: 16380
Ion Ratio Lower Upper
117 100
201 70.8 31.8 95.3





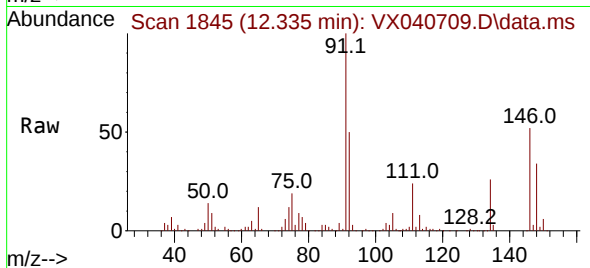
#87
1,2-Dichlorobenzene
Concen: 19.347 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX040709.D
Acq: 19 Mar 2024 08:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020



Tgt Ion:146 Resp: 47130
Ion Ratio Lower Upper
146 100
111 44.9 22.4 67.2
148 63.7 31.9 95.7

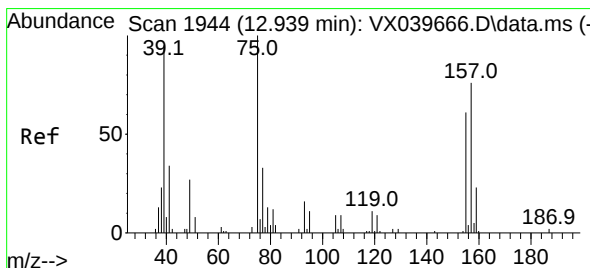
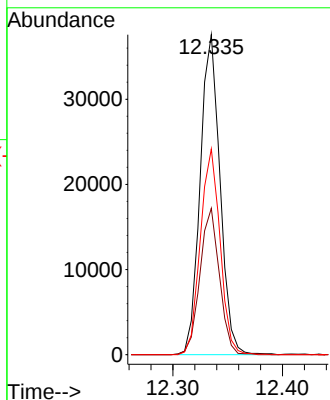
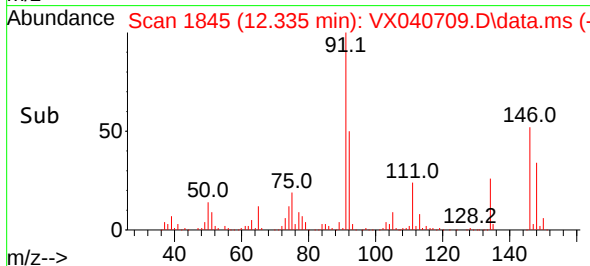
Manual Integrations
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Reviewed By :John
Carlone

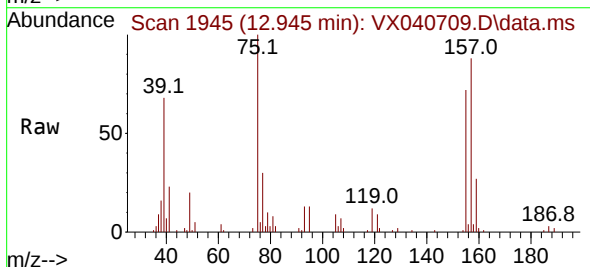
03/20/2024

Supervised By :Mahesh
Dadoda

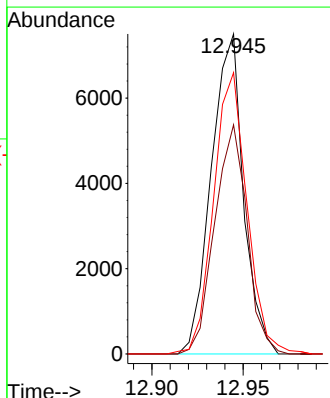
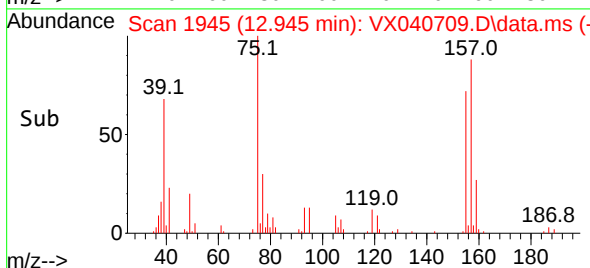
03/20/2024

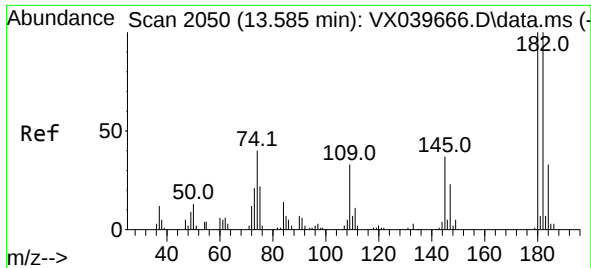


#88
1,2-Dibromo-3-Chloropropane
Concen: 18.044 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX040709.D
Acq: 19 Mar 2024 08:52



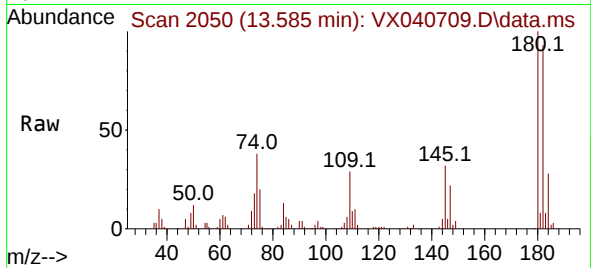
Tgt Ion: 75 Resp: 9206
Ion Ratio Lower Upper
75 100
155 71.9 58.2 87.4
157 91.2 76.5 114.7





#89
1,2,4-Trichlorobenzene
Concen: 17.347 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX040709.D
Acq: 19 Mar 2024 08:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



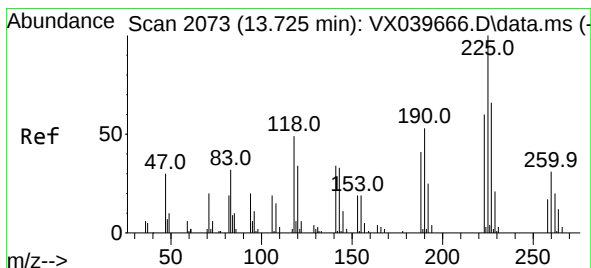
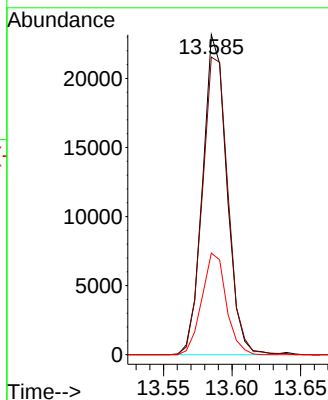
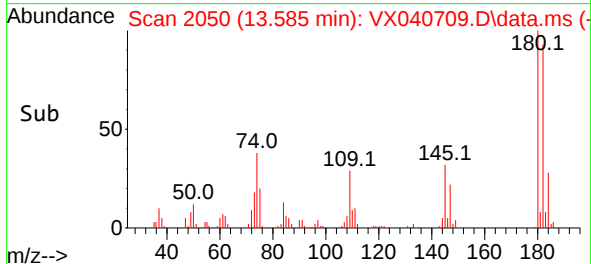
Tgt Ion:180 Resp: 2845
Ion Ratio Lower Upper
180 100
182 98.3 74.5 111.7
145 32.1 26.6 40.0

Manual Integrations
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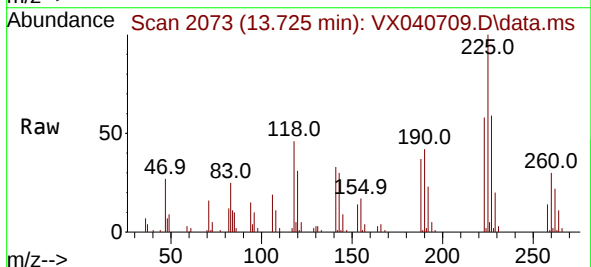
Reviewed By :John
Carlone

03/20/2024
Supervised By :Mahesh
Dadoda

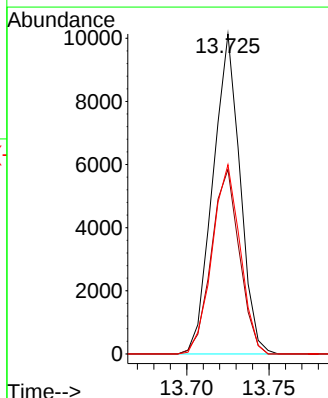
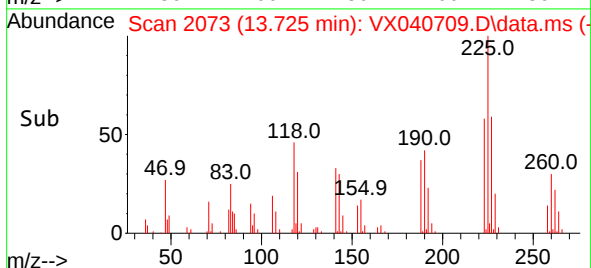
03/20/2024

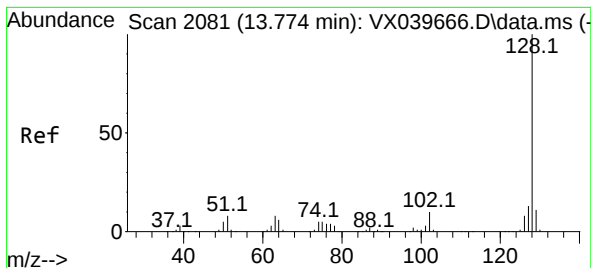


#90
Hexachlorobutadiene
Concen: 17.509 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX040709.D
Acq: 19 Mar 2024 08:52



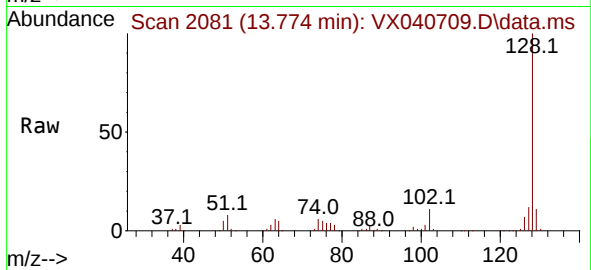
Tgt Ion:225 Resp: 11614
Ion Ratio Lower Upper
225 100
223 59.7 0.0 124.4
227 61.1 0.0 124.4





#91
Naphthalene
Concen: 15.743 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX040709.D
Acq: 19 Mar 2024 08:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



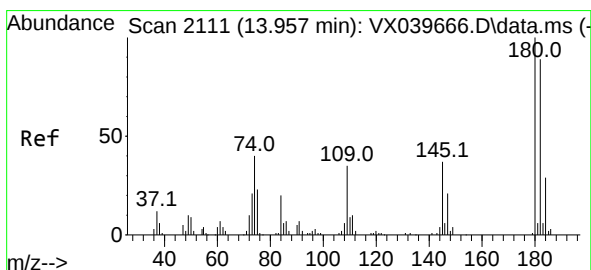
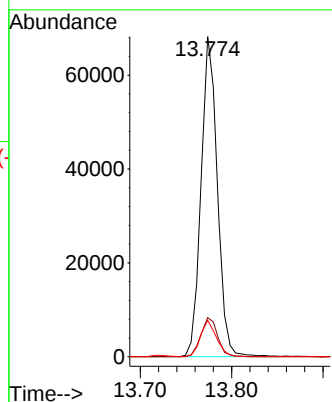
Tgt Ion:128 Resp: 8424
Ion Ratio Lower Upper
128 100
127 12.6 10.2 15.2
129 11.1 8.6 12.8

Manual Integrations
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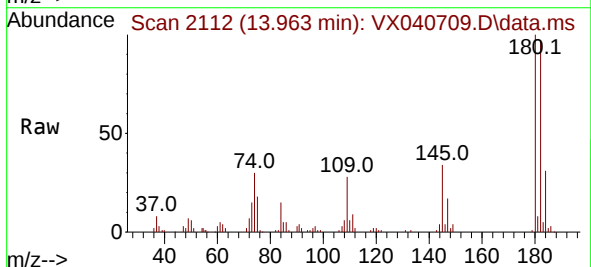
Reviewed By :John
Carlone

03/20/2024
Supervised By :Mahesh
Dadoda

03/20/2024



#92
1,2,3-Trichlorobenzene
Concen: 17.821 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VX040709.D
Acq: 19 Mar 2024 08:52



Tgt Ion:180 Resp: 28825
Ion Ratio Lower Upper
180 100
182 95.4 0.0 191.6
145 35.0 0.0 69.6

