

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062323\
 Data File : VN078364.D
 Acq On : 23 Jun 2023 09:10
 Operator : JC\MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

06/24/2023
 Supervised By :Mahesh
 Dadoda

Quant Time: Jun 24 00:28:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N062323W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Jun 24 00:28:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.818	128	78091	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.112	114	434914	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.870	117	366999	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.582	65	183041	31.126	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 103.767%	
60) 4-Bromofluorobenzene	12.853	95	145660	28.171	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 93.900%	
63) Toluene-d8	10.570	98	565021	31.775	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 105.900%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.136	85	24084	5.092	ug/l	96
3) Chloromethane	2.371	50	31343	5.495	ug/l	97
4) Vinyl Chloride	2.524	62	35279	5.028	ug/l	93
5) Bromomethane	2.971	94	30256	5.304	ug/l	86
6) Chloroethane	3.136	64	31668	6.337	ug/l	97
7) Trichlorofluoromethane	3.512	101	60290	7.301	ug/l	99
8) Diethyl Ether	3.977	74	14197	5.150	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.377	101	24620	5.485	ug/l	42
10) 1,1-Dichloroethene	4.353	96	21342m	4.849	ug/l	
11) Methyl Iodide	4.594	142	29520	4.734	ug/l	92
12) Methyl Acetate	5.041	43	35471	5.196	ug/l	95
13) Acrolein	4.194	56	21499	25.144	ug/l	99
14) Acrylonitrile	5.741	53	47089m	25.124	ug/l	
15) Acetone	4.447	58	15643m	29.802	ug/l	
16) Carbon Disulfide	4.724	76	59241	4.925	ug/l	97
17) Allyl chloride	5.030	41	28234m	5.104	ug/l	
18) Methylene Chloride	5.283	84	29810	5.715	ug/l	94
19) trans-1,2-Dichloroethene	5.794	96	24366	5.016	ug/l	96
20) Diisopropyl ether	6.688	45	63276	4.771	ug/l	93
21) 1,1-Dichloroethane	6.577	63	45526	5.176	ug/l #	92
22) cis-1,2-Dichloroethene	7.494	96	27011	4.888	ug/l	98
23) tert-Butyl Alcohol	5.524	59	18313m	26.576	ug/l	
24) Methyl tert-Butyl Ether	5.806	73	67762	4.882	ug/l	100
25) Chloroform	7.971	83	48762m	5.246	ug/l	
26) Cyclohexane	8.259	56	29452	4.678	ug/l #	97
29) 1,1-Dichloropropene	8.377	75	32990	4.893	ug/l	100
30) 2-Butanone	7.500	43	59716	25.270	ug/l #	97
31) 2,2-Dichloropropane	7.494	77	37634	5.221	ug/l	96
32) 1,1,1-Trichloroethane	8.171	97	40748	4.960	ug/l #	84
33) Carbon Tetrachloride	8.371	117	37579	5.247	ug/l	85
34) Benzene	8.612	78	104685	5.207	ug/l #	92
35) Methacrylonitrile	7.794	41	13656m	5.036	ug/l	
36) 1,2-Dichloroethane	8.676	62	36211	5.283	ug/l	97
37) Trichloroethene	9.353	130	27706	5.394	ug/l	95
38) Methylcyclohexane	9.606	83	29870	5.043	ug/l	100
39) 1,2-Dichloropropane	9.623	63	25938	5.150	ug/l #	87
40) Dibromomethane	9.712	93	18339	5.046	ug/l	77
41) Bromodichloromethane	9.894	83	37532	5.316	ug/l	96
42) Vinyl Acetate	6.618	43	175274	23.283	ug/l #	91

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062323\
 Data File : VN078364.D
 Acq On : 23 Jun 2023 09:10
 Operator : JC\MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

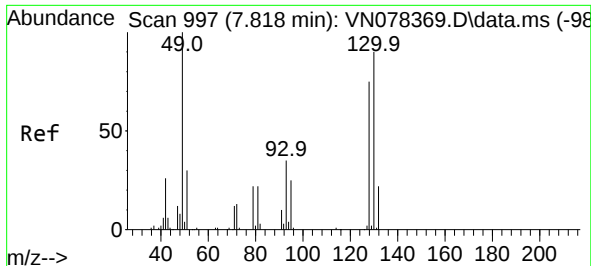
Reviewed By :John
 Carlone

06/24/2023
 Supervised By :Mahesh
 Dadoda

Quant Time: Jun 24 00:28:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N062323W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Jun 24 00:28:04 2023
 Response via : Initial Calibration

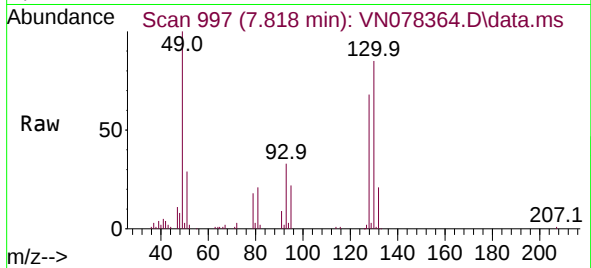
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.577	43	22470	4.636	ug/l	97
44) Isopropyl Acetate	8.694	43	49328	5.489	ug/l #	80
45) 1,4-Dioxane	9.694	88	7405	95.655	ug/l	91
46) Methyl methacrylate	9.694	41	19127	4.781	ug/l	92
47) n-amyl Acetate	12.500	43	26726	4.046	ug/l	99
48) t-1,3-Dichloropropene	10.835	75	35730	4.930	ug/l	94
49) cis-1,3-Dichloropropene	10.318	75	39700	4.970	ug/l	99
50) 1,1,2-Trichloroethane	11.023	97	24967	5.125	ug/l	95
51) Ethyl methacrylate	10.876	69	29428	4.415	ug/l	84
52) 1,3-Dichloropropane	11.170	76	40871	4.999	ug/l	100
53) Dibromochloromethane	11.359	129	25049	4.848	ug/l	93
54) 1,2-Dibromoethane	11.476	107	23986	4.885	ug/l	94
55) 2-Chloroethyl vinyl ether	10.165	63	51790	21.063	ug/l	98
56) Bromoform	12.582	173	14209	4.492	ug/l #	94
58) 4-Methyl-2-Pentanone	10.453	43	119162	24.314	ug/l	99
59) 2-Hexanone	11.200	43	81090	23.957	ug/l	96
61) Tetrachloroethene	11.106	164	22881	5.690	ug/l	96
62) Toluene	10.635	91	114680	5.369	ug/l	96
64) Chlorobenzene	11.894	112	65153	5.147	ug/l	96
65) 1,1,1,2-Tetrachloroethane	11.964	131	25839	5.293	ug/l	98
66) Ethyl Benzene	11.970	91	103812	4.777	ug/l	96
67) m/p-Xylenes	12.076	106	78782	9.587	ug/l	96
68) o-Xylene	12.406	106	39478	4.954	ug/l	97
69) Styrene	12.417	104	53559	4.245	ug/l	98
70) Isopropylbenzene	12.700	105	95600	4.882	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.941	83	32693	5.134	ug/l	96
72) 1,2,3-Trichloropropane	12.994	75	25962m	4.625	ug/l	
73) Bromobenzene	12.988	156	21956	4.690	ug/l	97
74) n-propylbenzene	13.041	91	100252	4.708	ug/l	98
75) 2-Chlorotoluene	13.129	91	66796	4.634	ug/l	98
76) 1,3,5-Trimethylbenzene	13.176	105	71377	4.396	ug/l	98
77) t-1,4-Dichloro-2-butene	12.747	75	6881	4.011	ug/l	93
78) 4-Chlorotoluene	13.223	91	54766	4.060	ug/l	98
79) tert-butylbenzene	13.441	119	60328	4.517	ug/l	94
80) 1,2,4-Trimethylbenzene	13.488	105	65103	4.243	ug/l	98
81) sec-Butylbenzene	13.623	105	74279	4.458	ug/l	96
82) p-Isopropyltoluene	13.735	119	56265	4.198	ug/l	97
83) 1,3-Dichlorobenzene	13.735	146	30859	4.159	ug/l	94
84) 1,4-Dichlorobenzene	13.817	146	27703	3.862	ug/l	98
85) n-Butylbenzene	14.058	91	36225	3.659	ug/l	100
86) Hexachloroethane	14.335	117	12342	4.784	ug/l	99
87) 1,2-Dichlorobenzene	14.111	146	31360	4.264	ug/l	95
88) 1,2-Dibromo-3-Chloropr...	14.723	75	3851	4.014	ug/l	99
89) 1,2,4-Trichlorobenzene	15.400	180	5222	2.328	ug/l #	83
90) Hexachlorobutadiene	15.505	225	5977	3.920	ug/l	82
91) Naphthalene	15.647	128	19380	2.637	ug/l #	97
92) 1,2,3-Trichlorobenzene	15.841	180	7143	2.753	ug/l	87

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



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 997
Delta R.T. -0.000 min
Lab File: VN078364.D
Acq: 23 Jun 2023 09:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



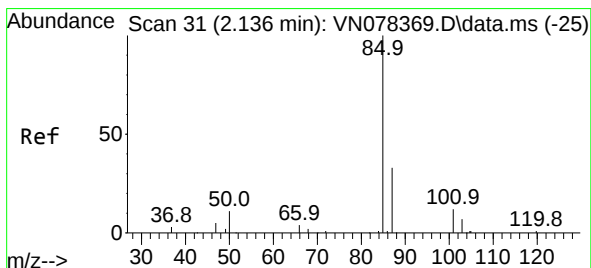
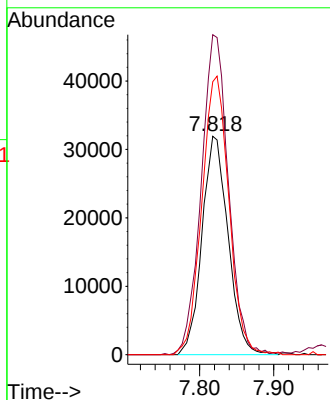
Tgt Ion:128 Resp: 7809
Ion Ratio Lower Upper
128 100
49 152.7 0.0 370.8
130 132.9 0.0 307.0

Manual Integrations
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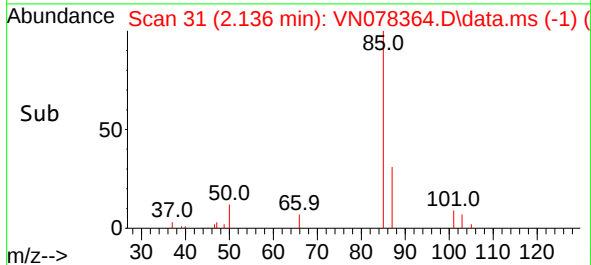
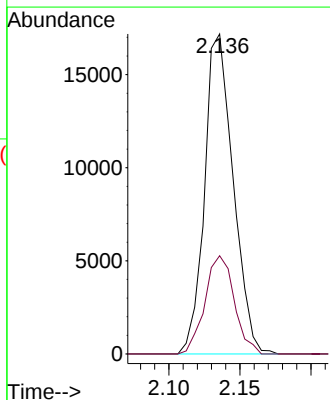
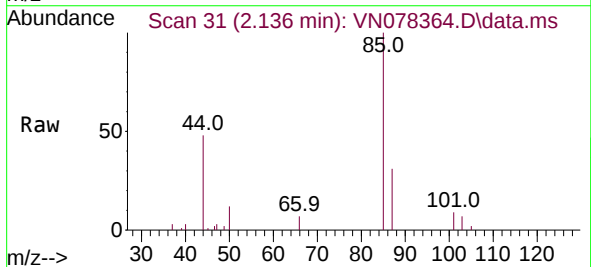
06/24/2023
Supervised By :Mahesh
Dadoda

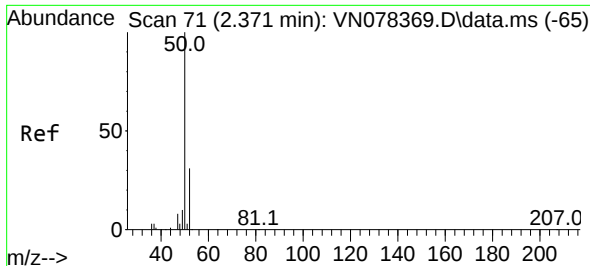
06/26/2023



#2
Dichlorodifluoromethane
Concen: 5.092 ug/l
RT: 2.136 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN078364.D
Acq: 23 Jun 2023 09:10

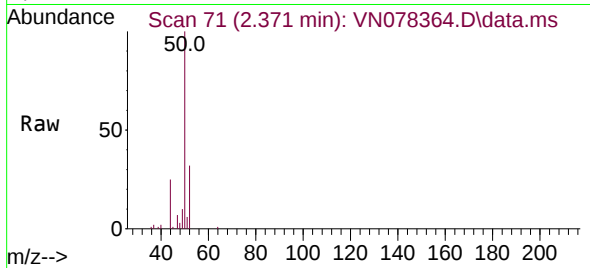
Tgt Ion: 85 Resp: 24084
Ion Ratio Lower Upper
85 100
87 30.7 16.4 49.4





#3
Chloromethane
Concen: 5.495 ug/l
RT: 2.371 min Scan# 71
Delta R.T. -0.000 min
Lab File: VN078364.D
Acq: 23 Jun 2023 09:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



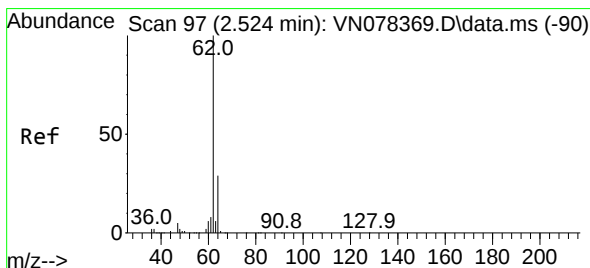
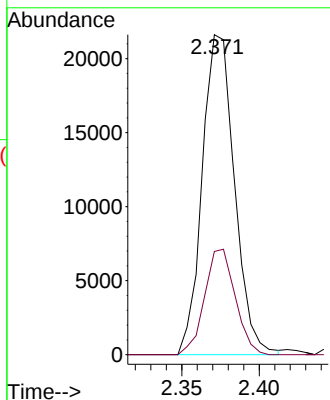
Tgt Ion: 50 Resp: 3134
Ion Ratio Lower Upper
50 100
52 32.3 24.6 36.8

Manual Integrations
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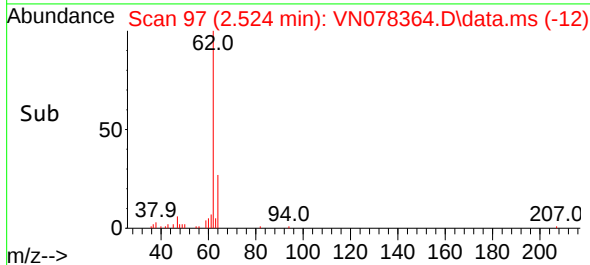
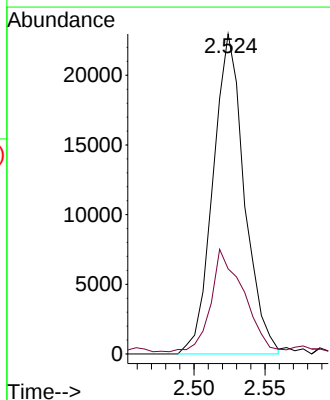
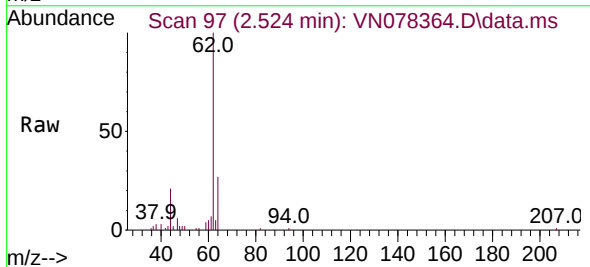
06/24/2023
Supervised By :Mahesh
Dadoda

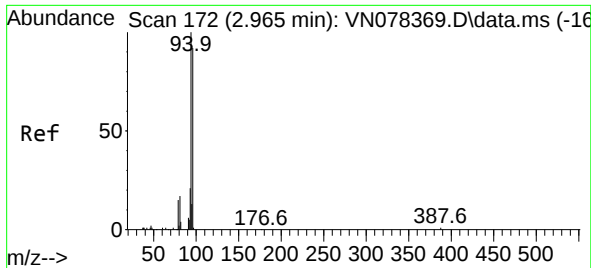
06/26/2023



#4
Vinyl Chloride
Concen: 5.028 ug/l
RT: 2.524 min Scan# 97
Delta R.T. -0.000 min
Lab File: VN078364.D
Acq: 23 Jun 2023 09:10

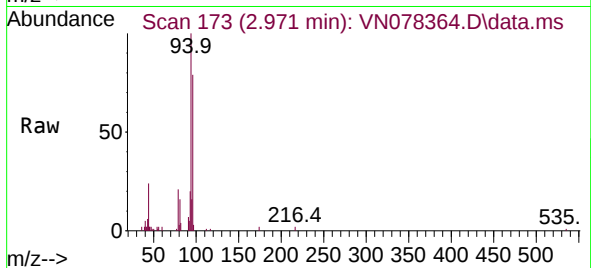
Tgt Ion: 62 Resp: 35279
Ion Ratio Lower Upper
62 100
64 25.2 23.3 34.9





#5
Bromomethane
Concen: 5.304 ug/l
RT: 2.971 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN078364.D
Acq: 23 Jun 2023 09:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



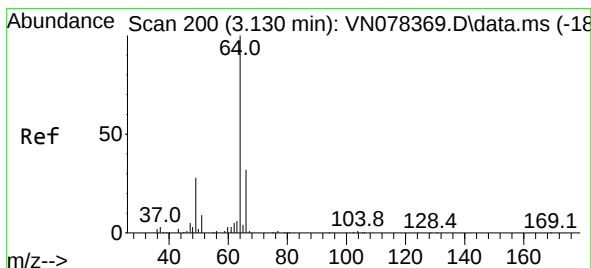
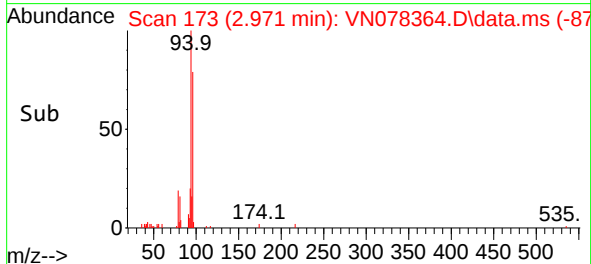
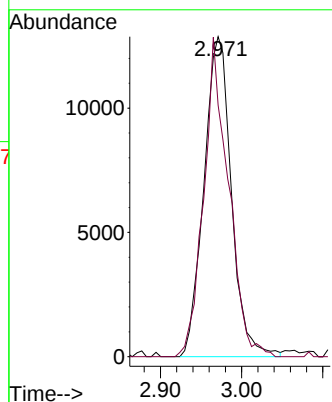
Tgt Ion: 94 Resp: 30250
Ion Ratio Lower Upper
94 100
96 78.6 73.9 110.9

Manual Integrations
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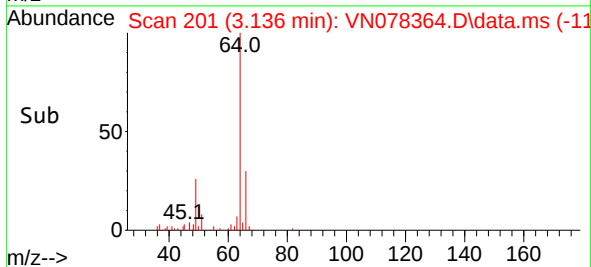
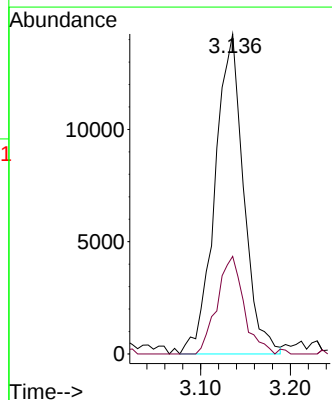
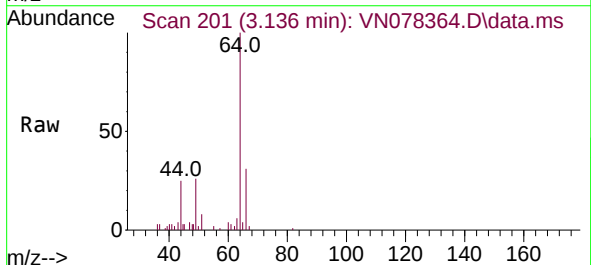
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Dadoda

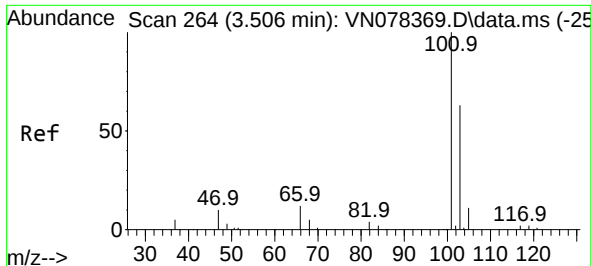
06/26/2023



#6
Chloroethane
Concen: 6.337 ug/l
RT: 3.136 min Scan# 201
Delta R.T. 0.006 min
Lab File: VN078364.D
Acq: 23 Jun 2023 09:10

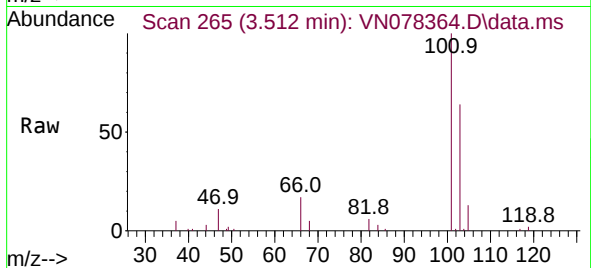
Tgt Ion: 64 Resp: 31668
Ion Ratio Lower Upper
64 100
66 30.5 25.7 38.5





#7
Trichlorofluoromethane
Concen: 7.301 ug/l
RT: 3.512 min Scan# 20
Delta R.T. 0.006 min
Lab File: VN078364.D
Acq: 23 Jun 2023 09:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



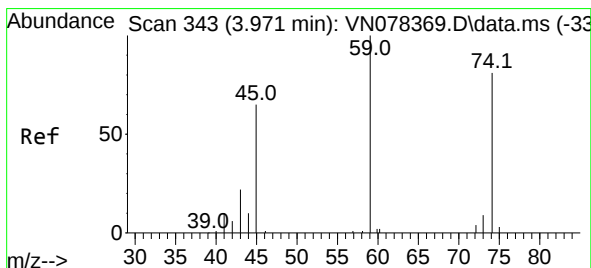
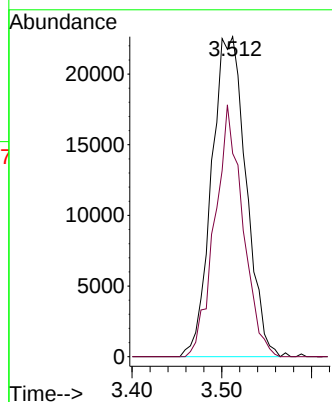
Tgt Ion:101 Resp: 60290
Ion Ratio Lower Upper
101 100
103 63.5 50.4 75.6

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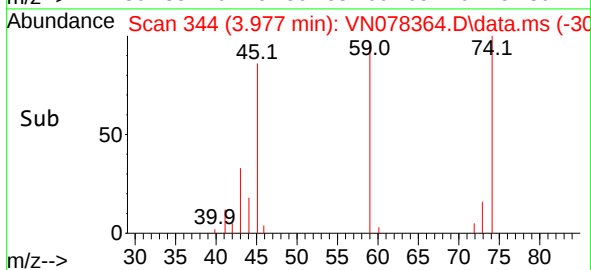
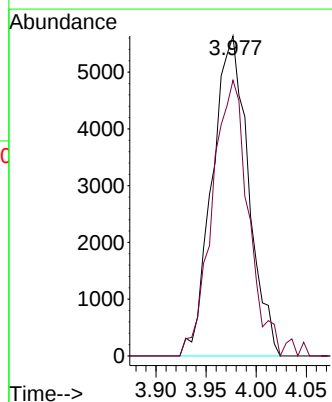
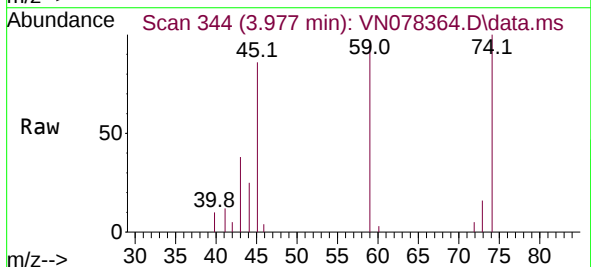
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Supervised By :Mahesh
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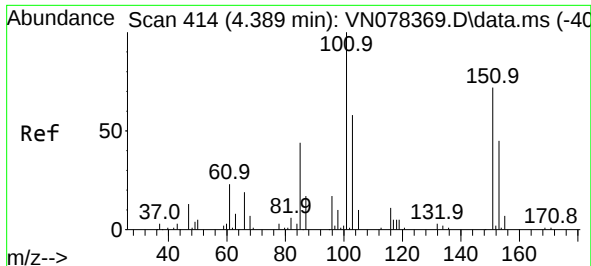
06/26/2023



#8
Diethyl Ether
Concen: 5.150 ug/l
RT: 3.977 min Scan# 344
Delta R.T. 0.006 min
Lab File: VN078364.D
Acq: 23 Jun 2023 09:10

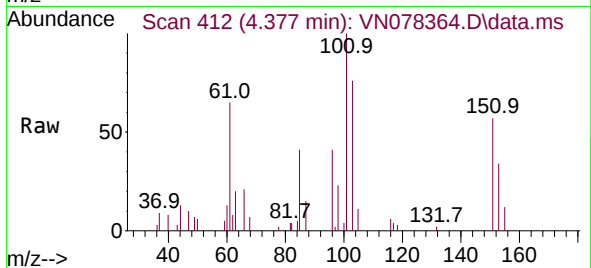
Tgt Ion: 74 Resp: 14197
Ion Ratio Lower Upper
74 100
45 82.7 16.3 146.5





#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.485 ug/l
RT: 4.377 min Scan# 414
Delta R.T. -0.012 min
Lab File: VN078364.D
Acq: 23 Jun 2023 09:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



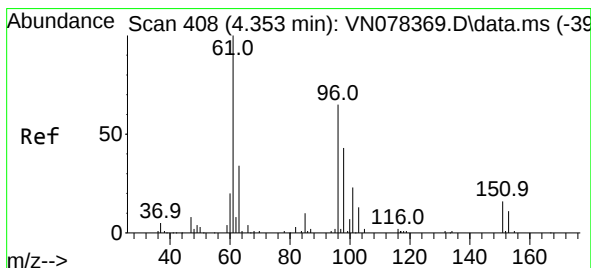
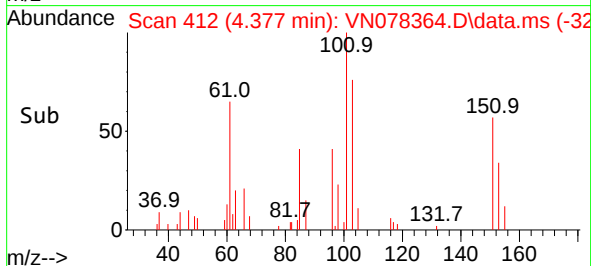
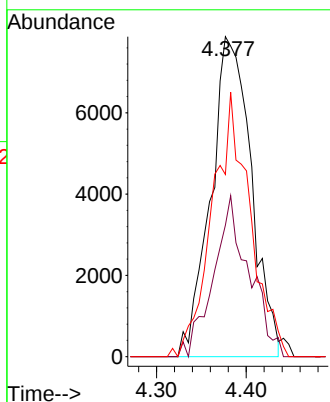
Tgt Ion:101 Resp: 24620
Ion Ratio Lower Upper
101 100
85 32.6 0.0 89.2
151 5.4 0.0 148.8

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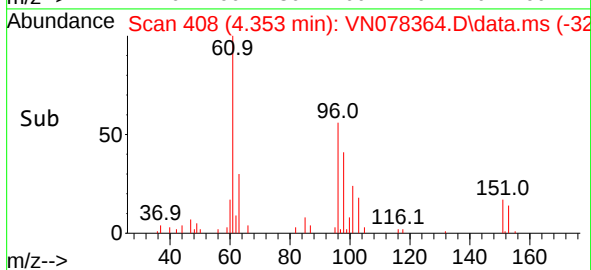
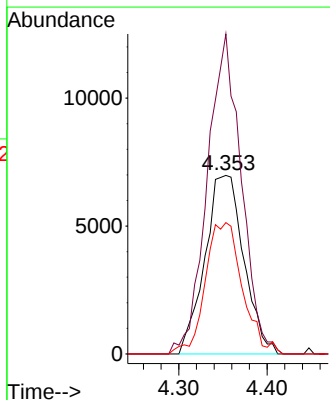
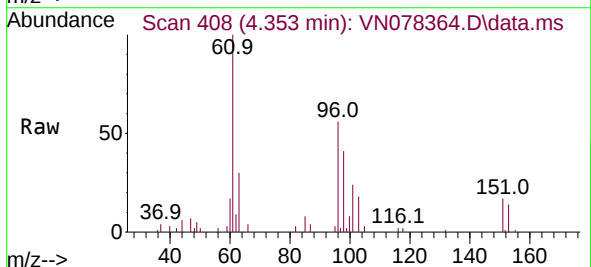
06/24/2023
Supervised By :Mahesh
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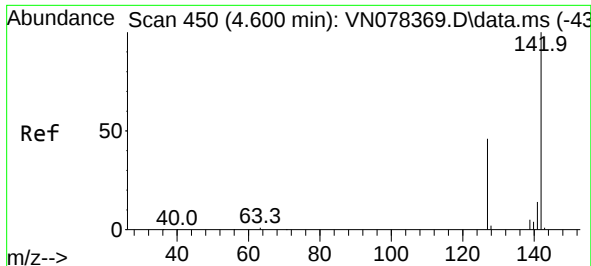
06/26/2023



#10
1,1-Dichloroethene
Concen: 4.849 ug/l m
RT: 4.353 min Scan# 408
Delta R.T. -0.000 min
Lab File: VN078364.D
Acq: 23 Jun 2023 09:10

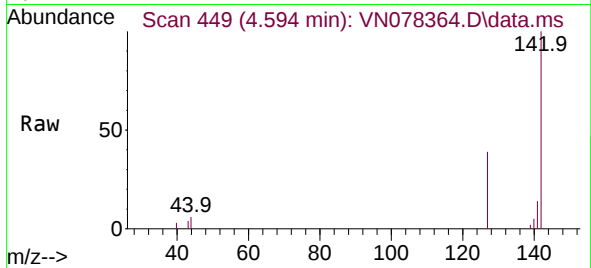
Tgt Ion: 96 Resp: 21342
Ion Ratio Lower Upper
96 100
61 179.2 123.4 185.2
98 73.6 53.7 80.5





#11
Methyl Iodide
Concen: 4.734 ug/l
RT: 4.594 min Scan# 449
Delta R.T. -0.006 min
Lab File: VN078364.D
Acq: 23 Jun 2023 09:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



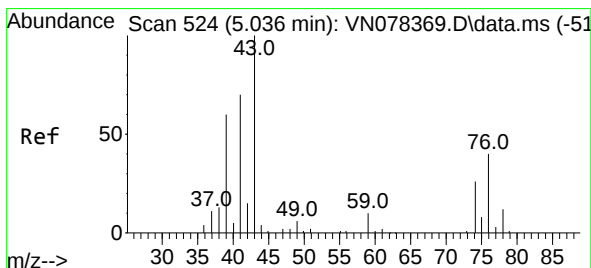
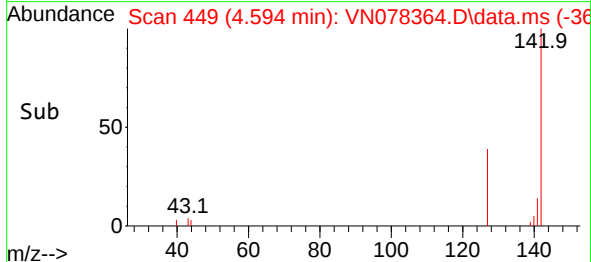
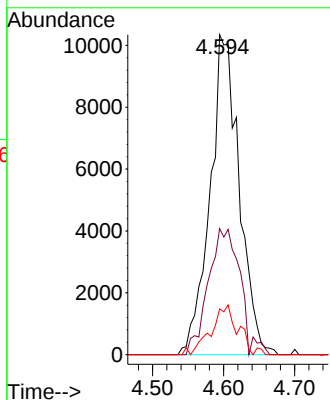
Tgt Ion:142 Resp: 29520
Ion Ratio Lower Upper
142 100
127 39.4 23.2 69.5
141 14.3 7.2 21.7

Manual Integrations
APPROVED

Reviewed By :John
Carlone

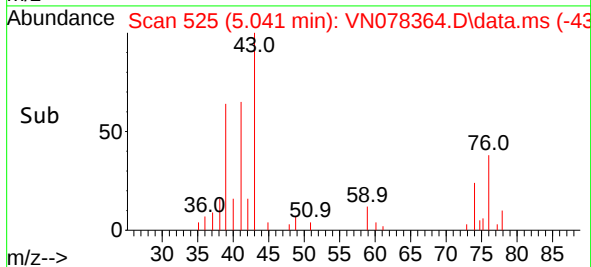
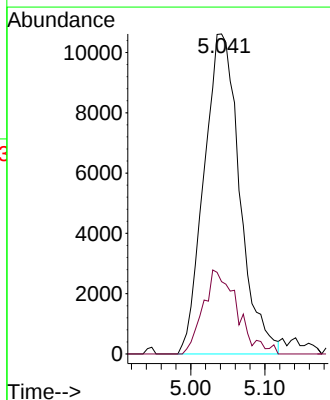
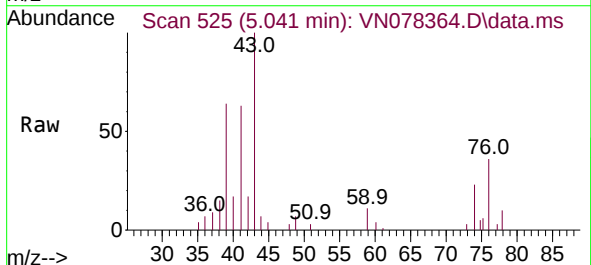
06/24/2023
Supervised By :Mahesh
Dadoda

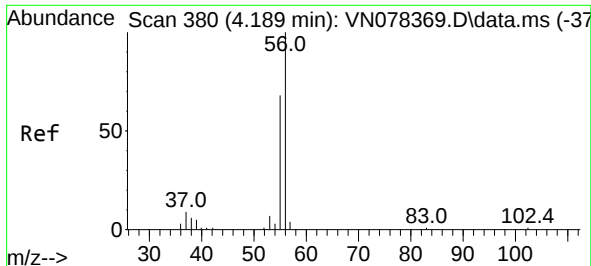
06/26/2023



#12
Methyl Acetate
Concen: 5.196 ug/l
RT: 5.041 min Scan# 525
Delta R.T. 0.006 min
Lab File: VN078364.D
Acq: 23 Jun 2023 09:10

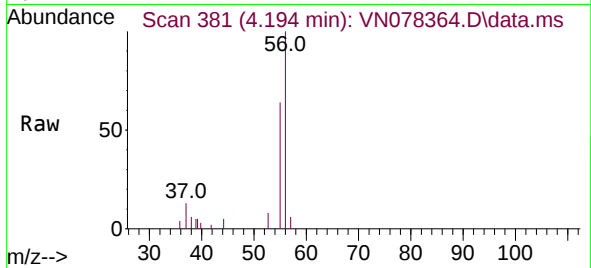
Tgt Ion: 43 Resp: 35471
Ion Ratio Lower Upper
43 100
74 23.0 20.5 30.7





#13
Acrolein
Concen: 25.144 ug/l
RT: 4.194 min Scan# 381
Delta R.T. 0.006 min
Lab File: VN078364.D
Acq: 23 Jun 2023 09:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



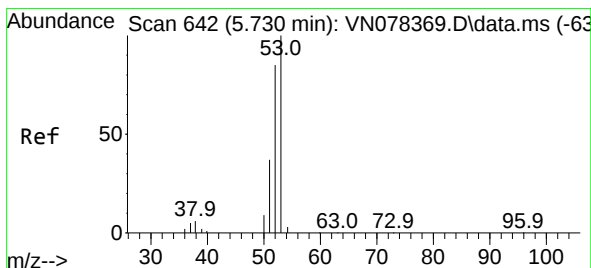
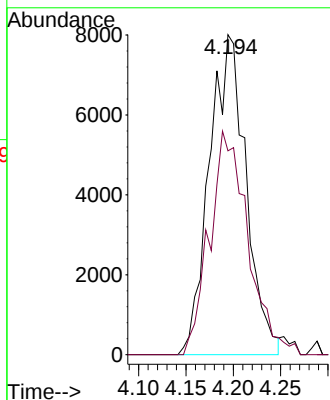
Tgt Ion: 56 Resp: 21499
Ion Ratio Lower Upper
56 100
55 73.0 59.0 88.4

Manual Integrations
APPROVED

Reviewed By :John
Carlone

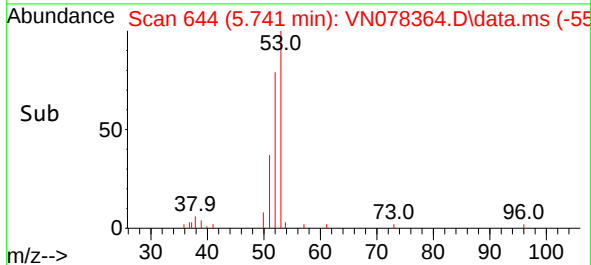
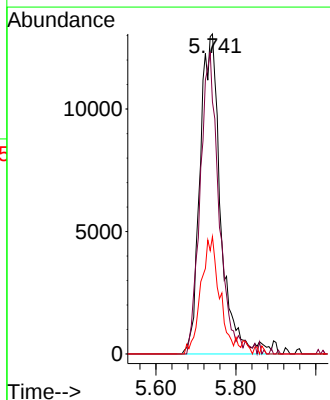
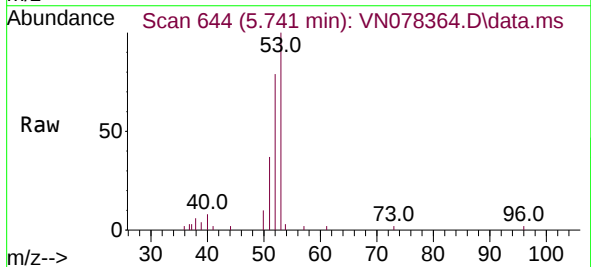
06/24/2023
Supervised By :Mahesh
Dadoda

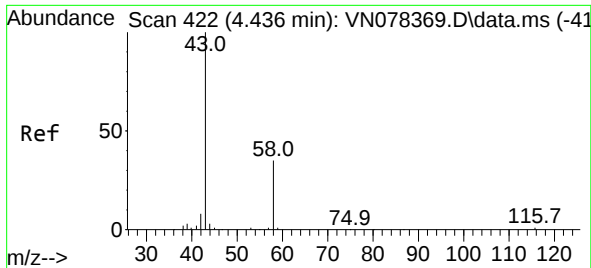
06/26/2023



#14
Acrylonitrile
Concen: 25.124 ug/l m
RT: 5.741 min Scan# 644
Delta R.T. 0.012 min
Lab File: VN078364.D
Acq: 23 Jun 2023 09:10

Tgt Ion: 53 Resp: 47089
Ion Ratio Lower Upper
53 100
52 0.0 42.3 126.9#
51 0.0 18.4 55.4#





#15

Acetone

Concen: 29.802 ug/l m

RT: 4.447 min Scan# 41

Delta R.T. 0.012 min

Lab File: VN078364.D

Acq: 23 Jun 2023 09:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

Tgt Ion: 58 Resp: 1564

Ion Ratio Lower Upper

58 100

43 247.9 227.5 341.3

Manual Integrations

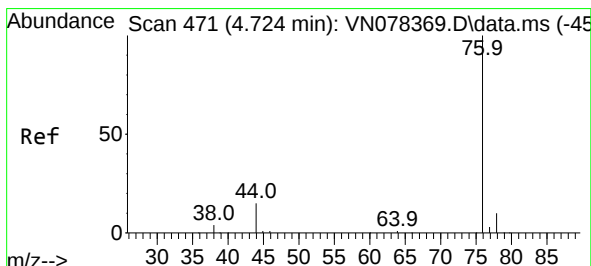
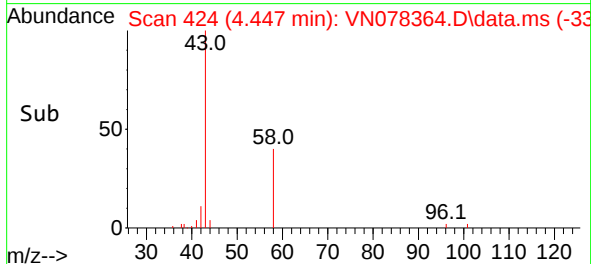
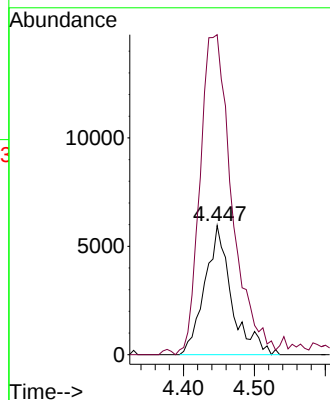
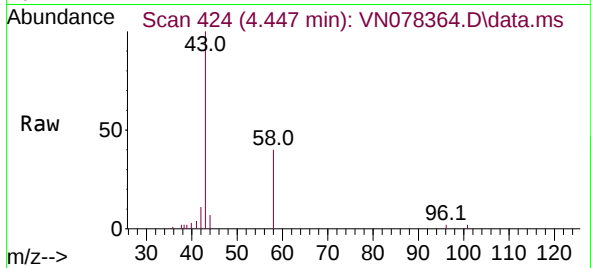
APPROVED

Reviewed By :John
Carlone

06/24/2023

Supervised By :Mahesh
Dadoda

06/26/2023



#16

Carbon Disulfide

Concen: 4.925 ug/l

RT: 4.724 min Scan# 471

Delta R.T. -0.000 min

Lab File: VN078364.D

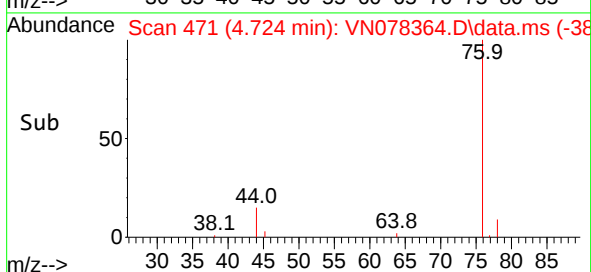
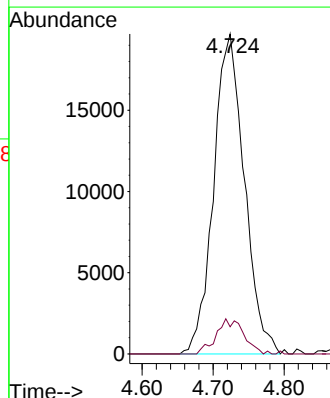
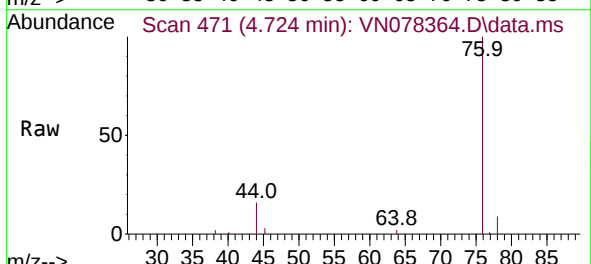
Acq: 23 Jun 2023 09:10

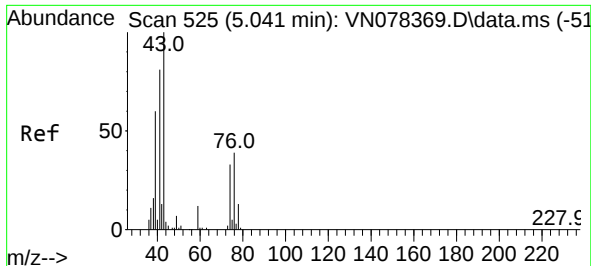
Tgt Ion: 76 Resp: 59241

Ion Ratio Lower Upper

76 100

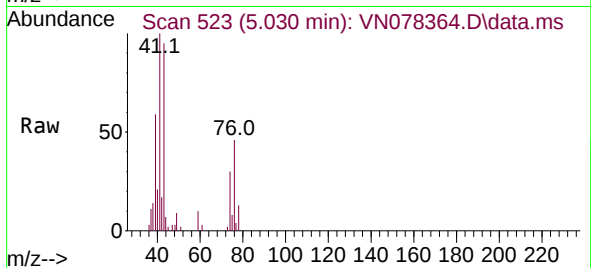
78 8.5 7.7 11.5





#17
 Allyl chloride
 Concen: 5.104 ug/l m
 RT: 5.030 min Scan# 51
 Delta R.T. -0.012 min
 Lab File: VN078364.D
 Acq: 23 Jun 2023 09:10

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005



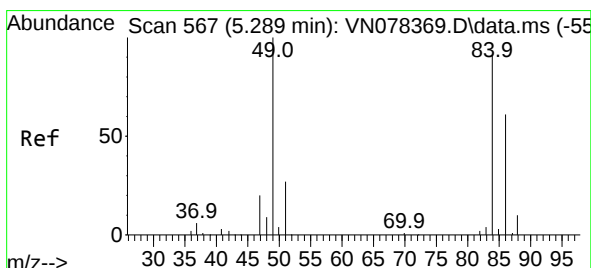
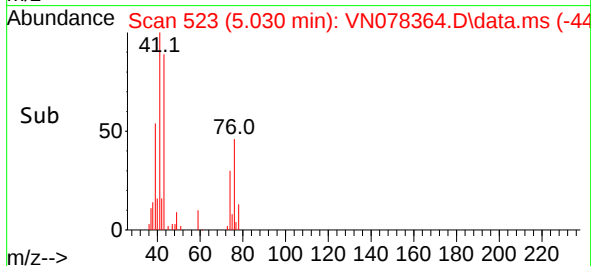
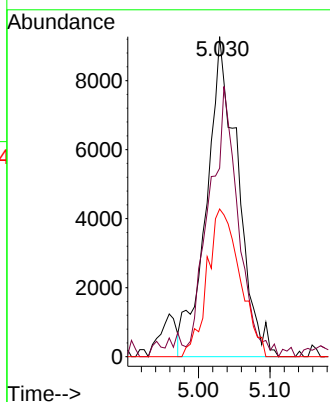
Tgt Ion: 41 Resp: 28234
 Ion Ratio Lower Upper
 41 100
 39 58.9 37.6 112.8
 76 46.2 23.8 71.4

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

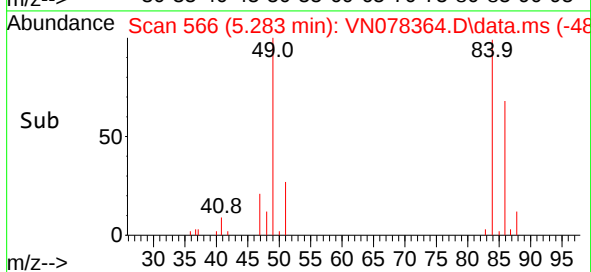
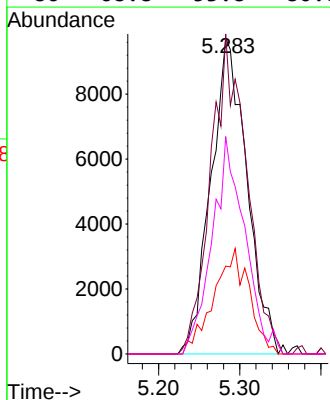
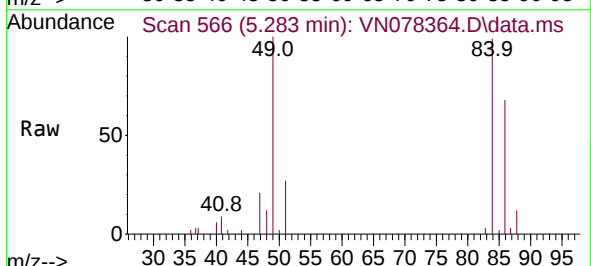
06/24/2023
 Supervised By :Mahesh
 Dadoda

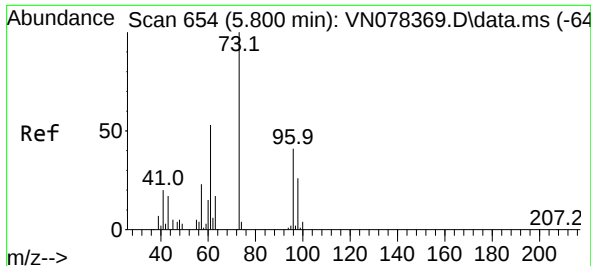
06/26/2023



#18
 Methylene Chloride
 Concen: 5.715 ug/l
 RT: 5.283 min Scan# 566
 Delta R.T. -0.006 min
 Lab File: VN078364.D
 Acq: 23 Jun 2023 09:10

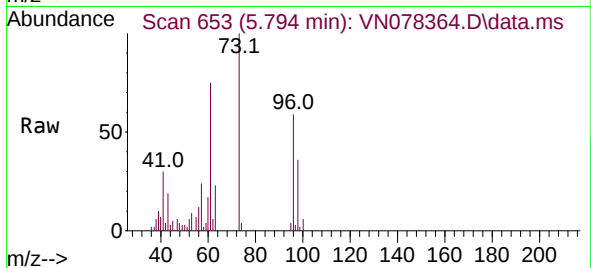
Tgt Ion: 84 Resp: 29810
 Ion Ratio Lower Upper
 84 100
 49 101.3 88.1 132.1
 51 27.8 24.0 36.0
 86 68.8 53.8 80.8





#19
trans-1,2-Dichloroethene
Concen: 5.016 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN078364.D
Acq: 23 Jun 2023 09:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



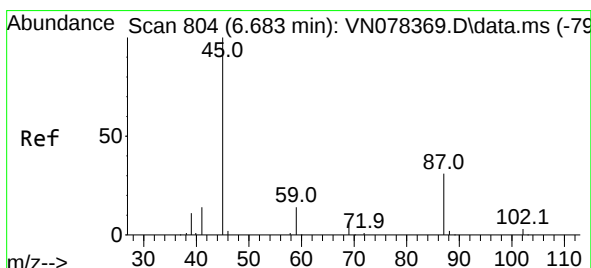
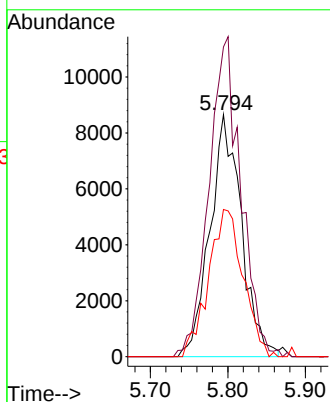
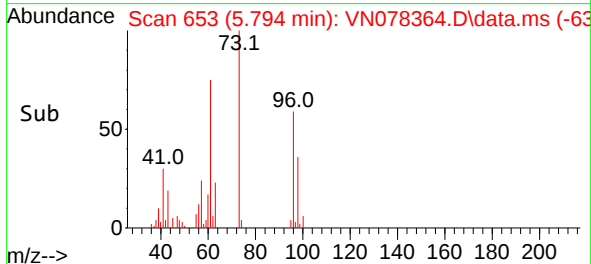
Tgt Ion: 96 Resp: 2436
Ion Ratio Lower Upper
96 100
61 125.3 105.2 157.8
98 63.7 50.5 75.7

Manual Integrations
APPROVED

Reviewed By :John
Carlone

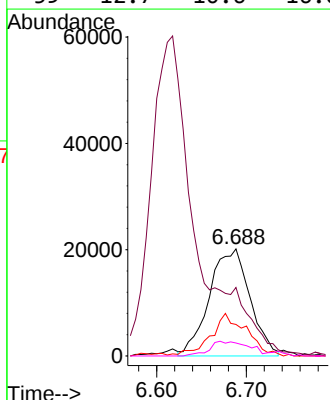
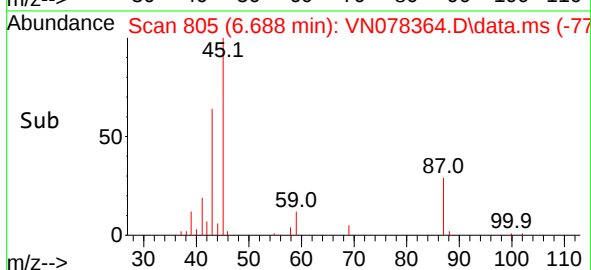
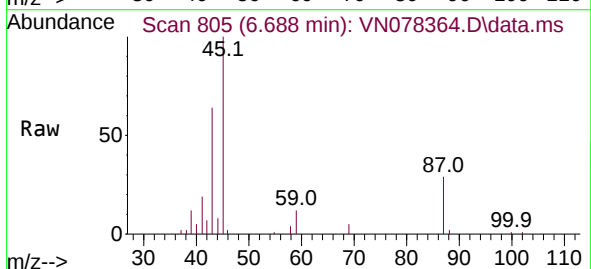
06/24/2023
Supervised By :Mahesh
Dadoda

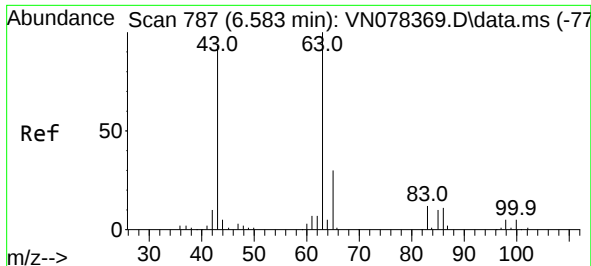
06/26/2023



#20
Diisopropyl ether
Concen: 4.771 ug/l
RT: 6.688 min Scan# 805
Delta R.T. 0.006 min
Lab File: VN078364.D
Acq: 23 Jun 2023 09:10

Tgt Ion: 45 Resp: 63276
Ion Ratio Lower Upper
45 100
43 60.6 43.6 65.4
87 29.0 25.8 38.6
59 12.7 10.6 16.0





#21

1,1-Dichloroethane

Concen: 5.176 ug/l

RT: 6.577 min Scan# 786

Delta R.T. -0.006 min

Lab File: VN078364.D

Acq: 23 Jun 2023 09:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 63 Resp: 45520

Ion	Ratio	Lower	Upper
63	100		
98	8.9	2.7	8.1
100	6.5	2.5	7.4

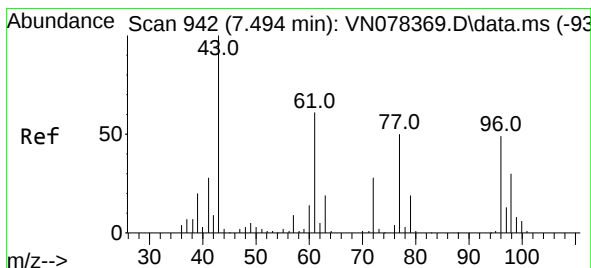
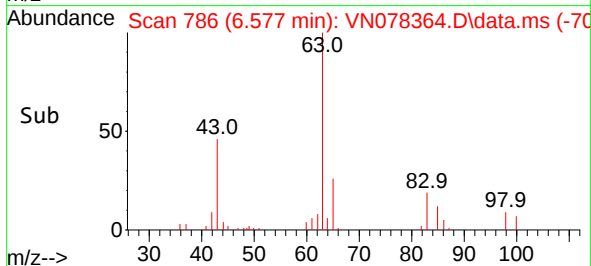
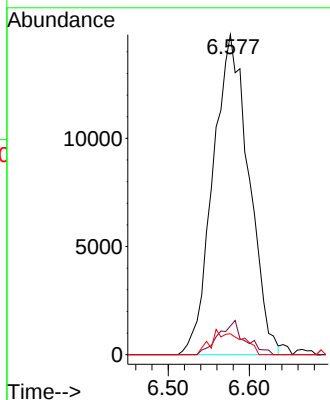
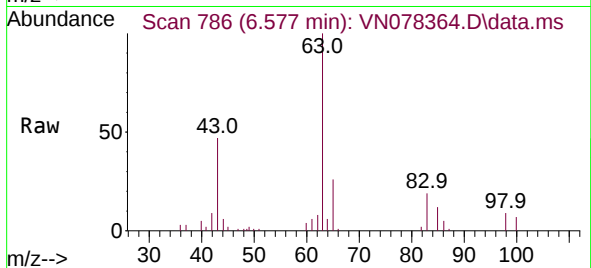
Manual Integrations
APPROVED

Reviewed By :John
Carlone

06/24/2023

Supervised By :Mahesh
Dadoda

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#22

cis-1,2-Dichloroethene

Concen: 4.888 ug/l

RT: 7.494 min Scan# 942

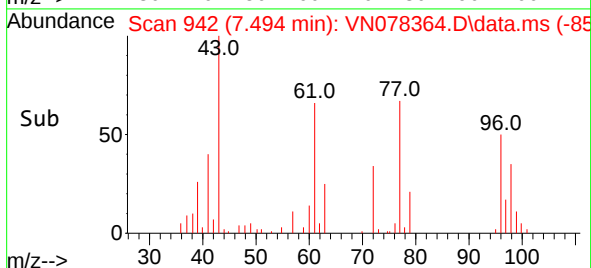
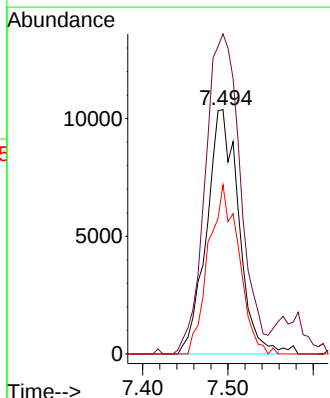
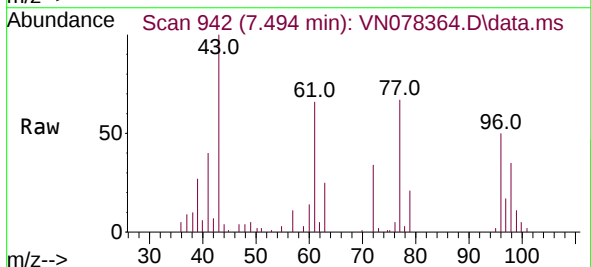
Delta R.T. -0.000 min

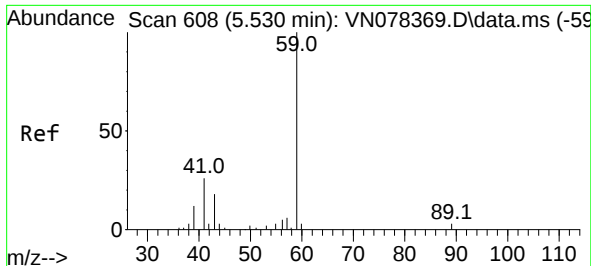
Lab File: VN078364.D

Acq: 23 Jun 2023 09:10

Tgt Ion: 96 Resp: 27011

Ion	Ratio	Lower	Upper
96	100		
61	145.2	113.8	170.6
98	65.4	52.2	78.4





#23
tert-Butyl Alcohol
Concen: 26.576 ug/l m
RT: 5.524 min Scan# 608
Delta R.T. -0.006 min
Lab File: VN078364.D
Acq: 23 Jun 2023 09:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

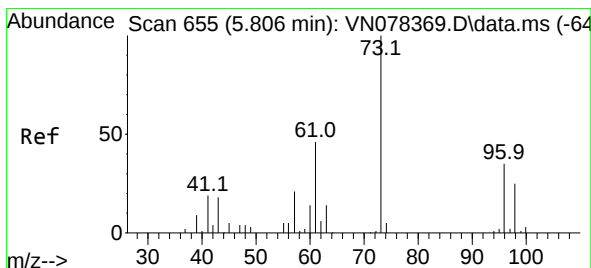
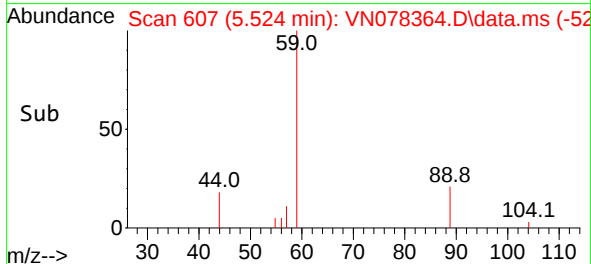
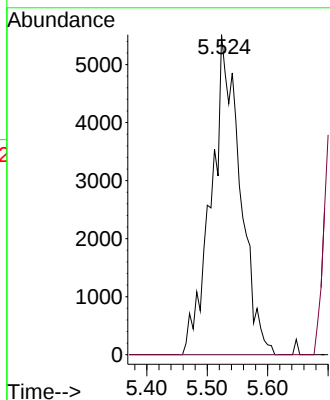
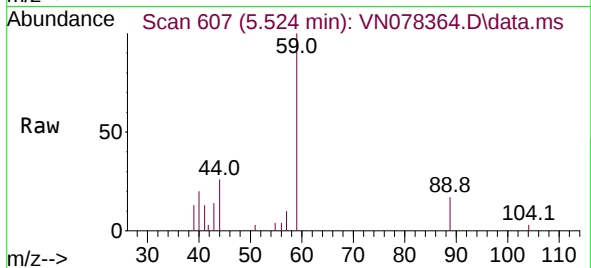
Tgt Ion: 59 Resp: 1831
Ion Ratio Lower Upper
59 100
52 0.0 0.1 0.1

Manual Integrations
APPROVED

Reviewed By :John
Carlone

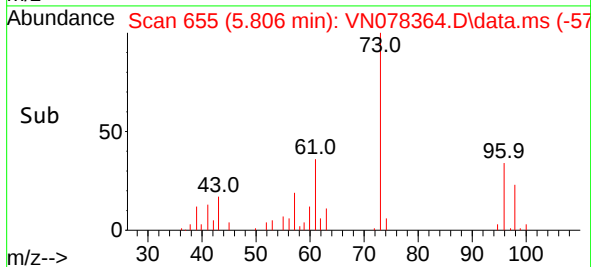
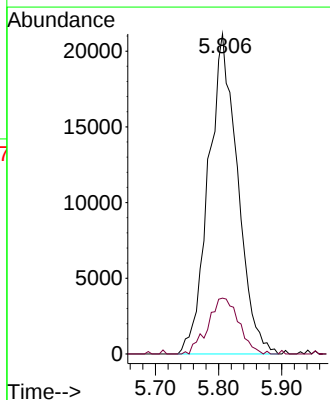
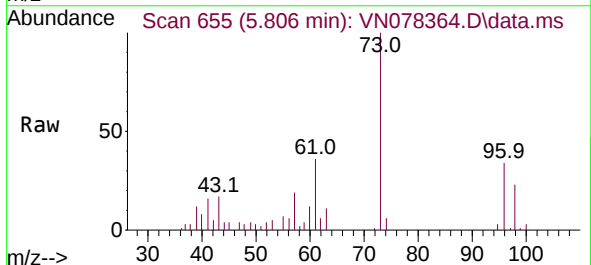
06/24/2023
Supervised By :Mahesh
Dadoda

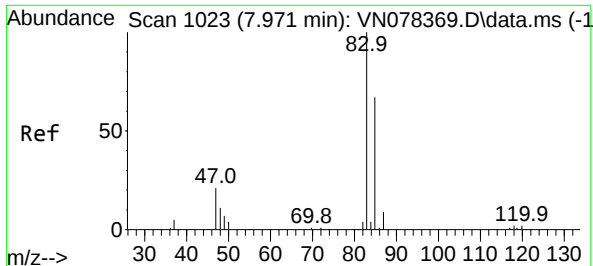
06/26/2023



#24
Methyl tert-Butyl Ether
Concen: 4.882 ug/l
RT: 5.806 min Scan# 655
Delta R.T. -0.000 min
Lab File: VN078364.D
Acq: 23 Jun 2023 09:10

Tgt Ion: 73 Resp: 67762
Ion Ratio Lower Upper
73 100
43 18.3 14.5 21.7





#25

Chloroform

Concen: 5.246 ug/l m

RT: 7.971 min Scan# 1023

Delta R.T. -0.000 min

Lab File: VN078364.D

Acq: 23 Jun 2023 09:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

Tgt Ion: 83 Resp: 48762

Ion Ratio Lower Upper

83 100

85 53.1 53.4 80.0

Manual Integrations

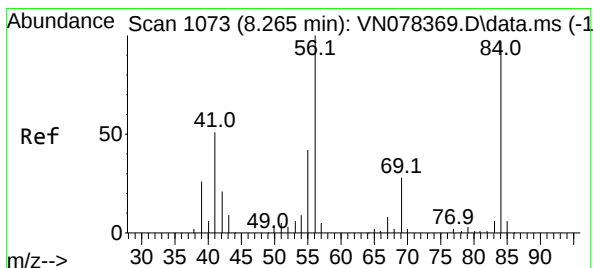
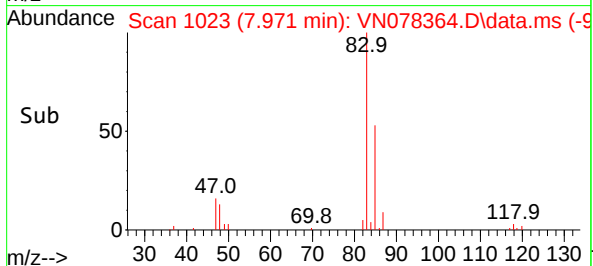
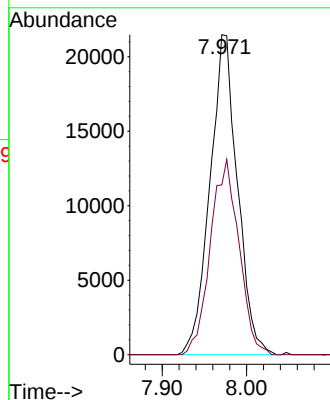
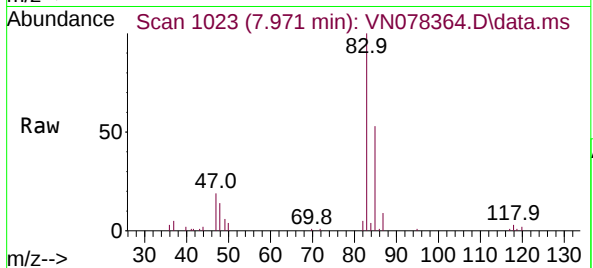
APPROVED

Reviewed By :John
Carlone

06/24/2023

Supervised By :Mahesh
Dadoda

06/26/2023



#26

Cyclohexane

Concen: 4.678 ug/l

RT: 8.259 min Scan# 1072

Delta R.T. -0.006 min

Lab File: VN078364.D

Acq: 23 Jun 2023 09:10

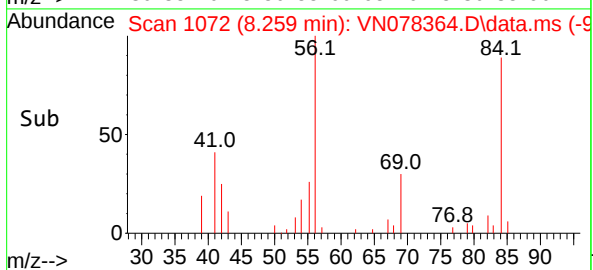
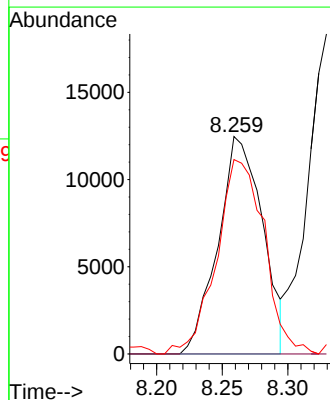
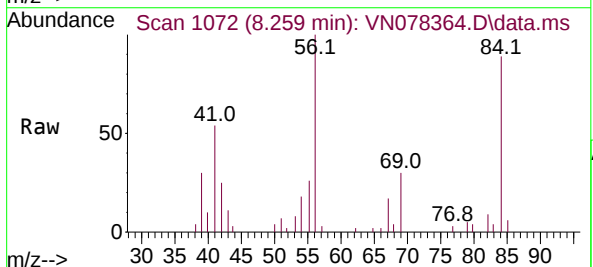
Tgt Ion: 56 Resp: 29452

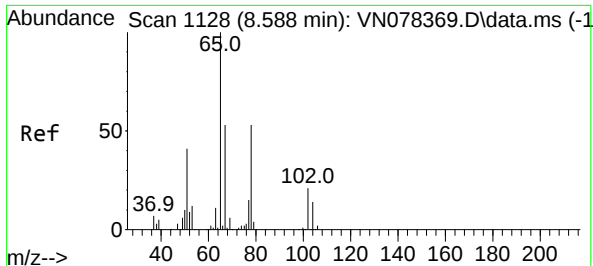
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 95.8 74.2 111.4





#27

1,2-Dichloroethane-d4

Concen: 31.126 ug/l

RT: 8.582 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VN078364.D

Acq: 23 Jun 2023 09:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

Tgt Ion: 65 Resp: 18304

Ion Ratio Lower Upper

65 100

67 52.1 42.9 64.3

Manual Integrations

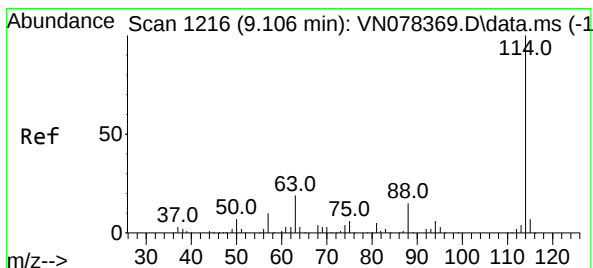
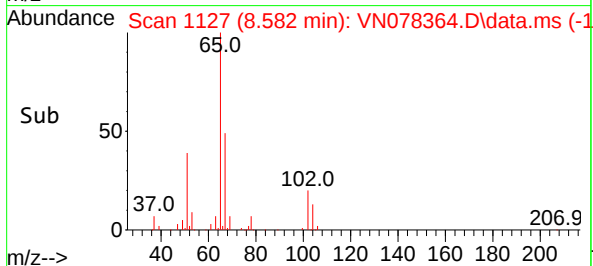
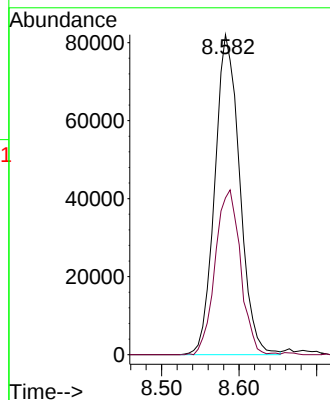
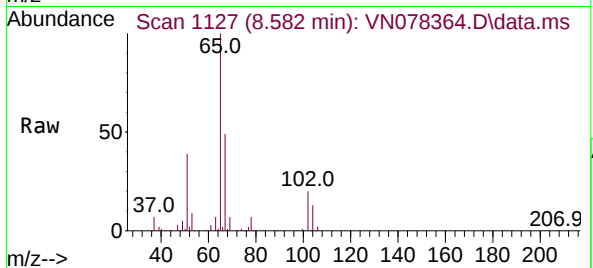
APPROVED

Reviewed By :John
Carlone

06/24/2023

Supervised By :Mahesh
Dadoda

06/26/2023



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.112 min Scan# 1217

Delta R.T. 0.006 min

Lab File: VN078364.D

Acq: 23 Jun 2023 09:10

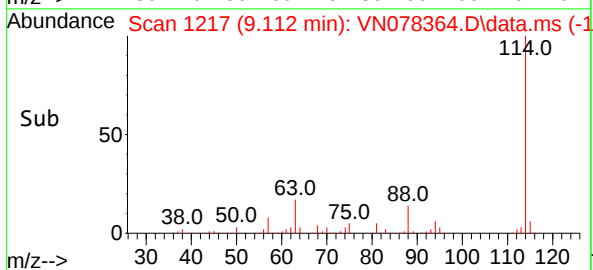
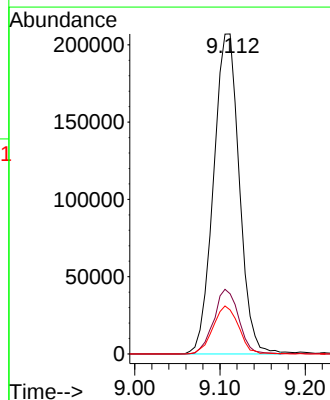
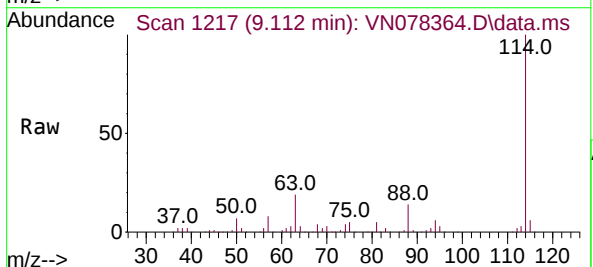
Tgt Ion:114 Resp: 434914

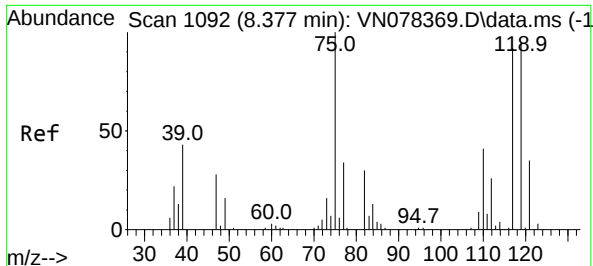
Ion Ratio Lower Upper

114 100

63 19.6 15.2 22.8

88 14.8 12.5 18.7





#29

1,1-Dichloropropene

Concen: 4.893 ug/l

RT: 8.377 min Scan# 1092

Delta R.T. -0.000 min

Lab File: VN078364.D

Acq: 23 Jun 2023 09:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 75 Resp: 32990

Ion	Ratio	Lower	Upper
75	100		
110	35.9	0.0	72.2
77	31.3	0.0	62.8

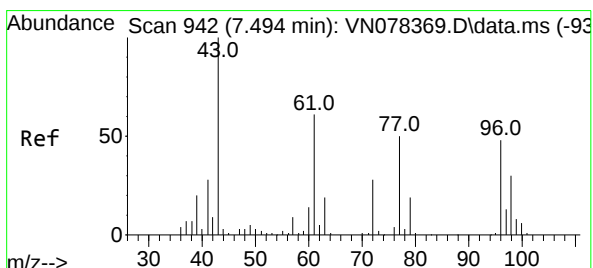
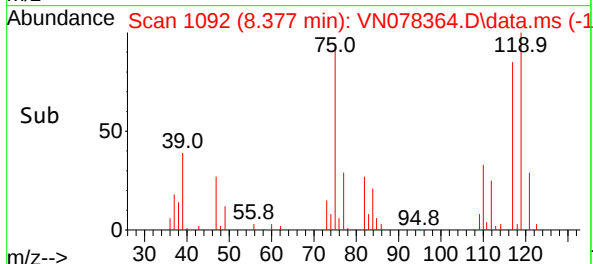
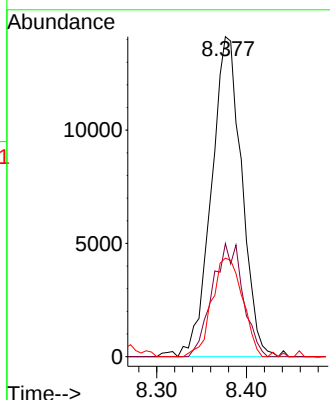
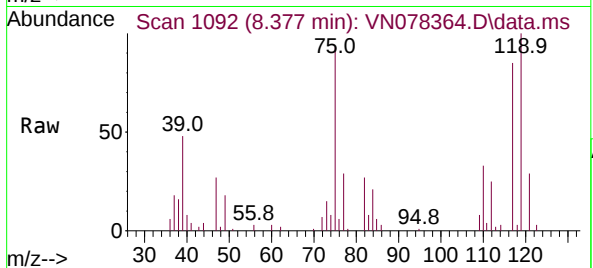
Manual Integrations
APPROVED

Reviewed By :John
Carlone

06/24/2023

Supervised By :Mahesh
Dadoda

06/26/2023



#30

2-Butanone

Concen: 25.270 ug/l

RT: 7.500 min Scan# 943

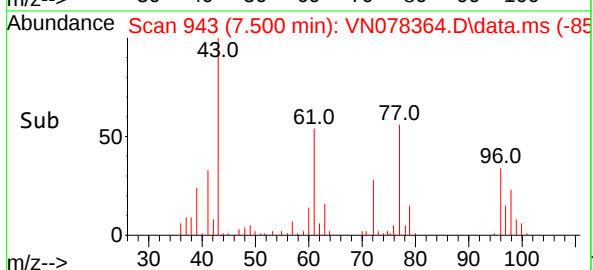
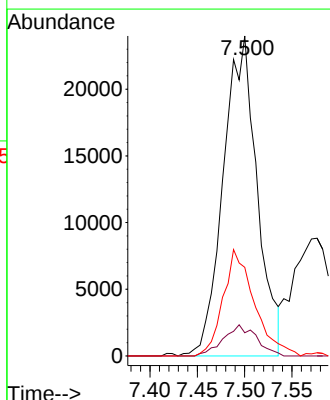
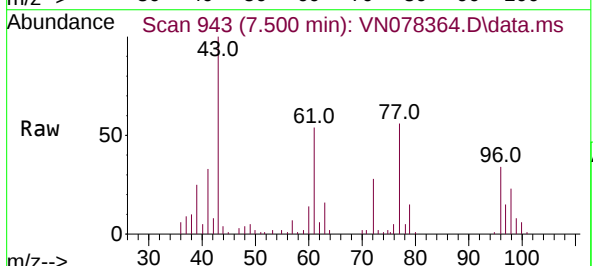
Delta R.T. 0.006 min

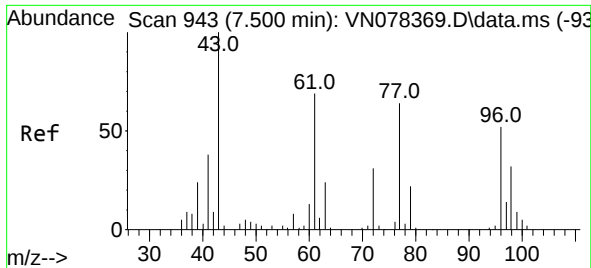
Lab File: VN078364.D

Acq: 23 Jun 2023 09:10

Tgt Ion: 43 Resp: 59716

Ion	Ratio	Lower	Upper
43	100		
57	6.3	6.8	10.2
72	30.7	23.8	35.6





#31
2,2-Dichloropropane
Concen: 5.221 ug/l
RT: 7.494 min Scan# 94
Delta R.T. -0.006 min
Lab File: VN078364.D
Acq: 23 Jun 2023 09:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

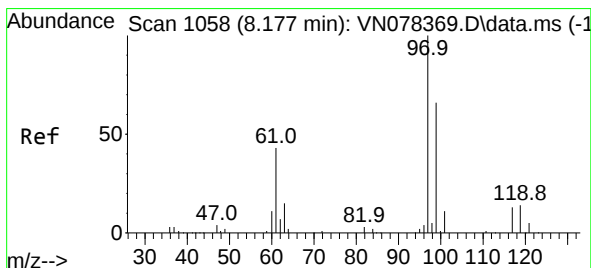
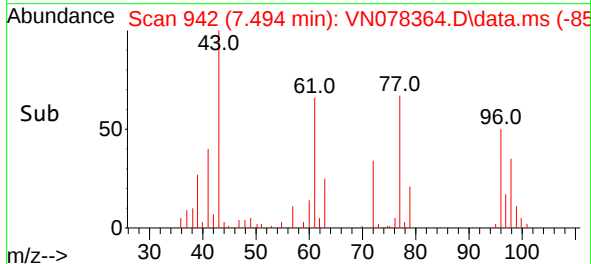
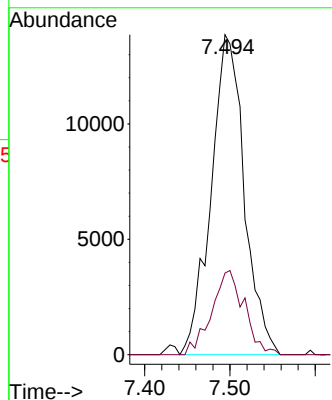
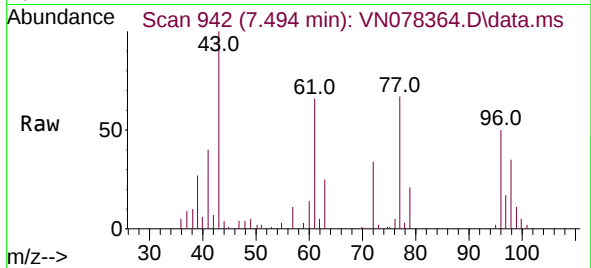
Tgt Ion: 77 Resp: 37634
Ion Ratio Lower Upper
77 100
97 25.4 18.8 28.2

Manual Integrations
APPROVED

Reviewed By :John
Carlone

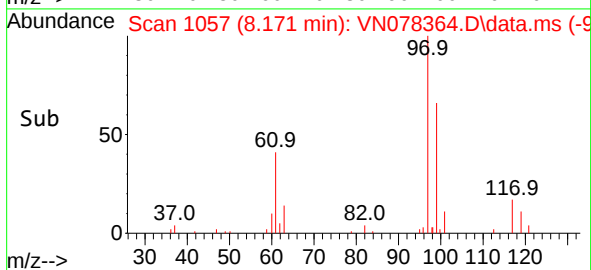
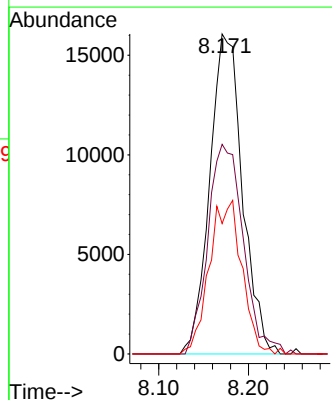
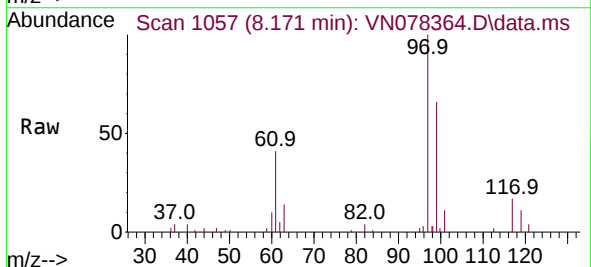
06/24/2023
Supervised By :Mahesh
Dadoda

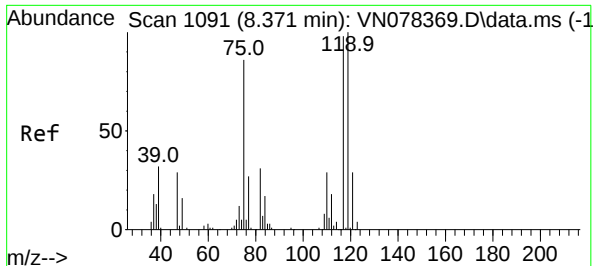
06/26/2023



#32
1,1,1-Trichloroethane
Concen: 4.960 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VN078364.D
Acq: 23 Jun 2023 09:10

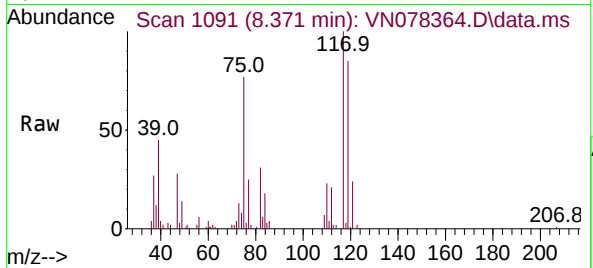
Tgt Ion: 97 Resp: 40748
Ion Ratio Lower Upper
97 100
99 68.6 51.3 76.9
61 22.6 34.6 52.0#





#33
Carbon Tetrachloride
Concen: 5.247 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN078364.D
Acq: 23 Jun 2023 09:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



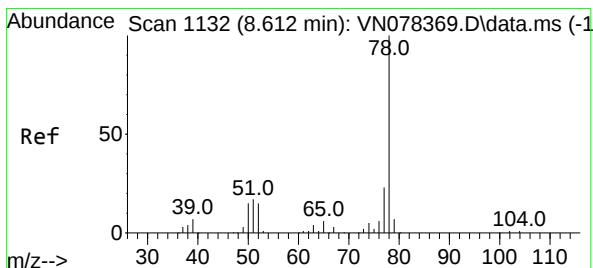
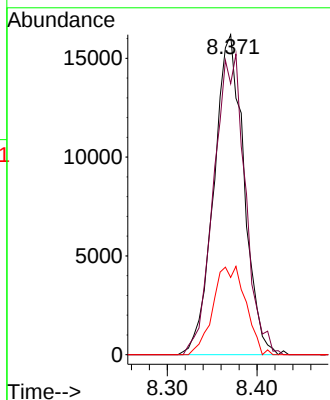
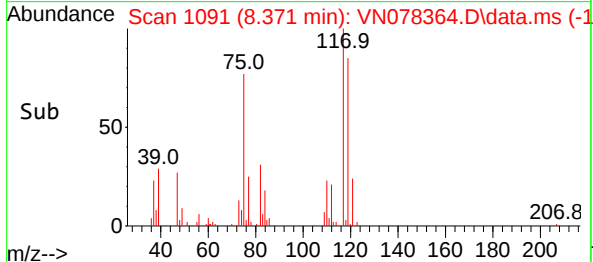
Tgt Ion: 117 Resp: 37579
Ion Ratio Lower Upper
117 100
119 84.7 81.4 122.0
121 24.2 23.6 35.4

Manual Integrations
APPROVED

Reviewed By :John
Carlone

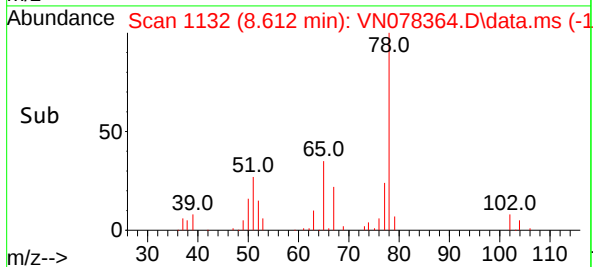
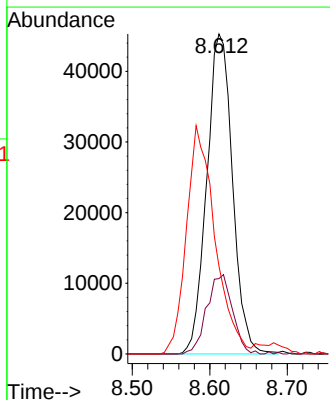
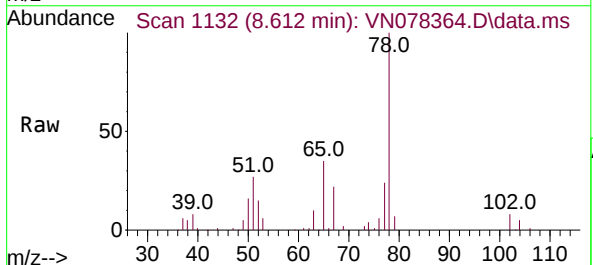
06/24/2023
Supervised By :Mahesh
Dadoda

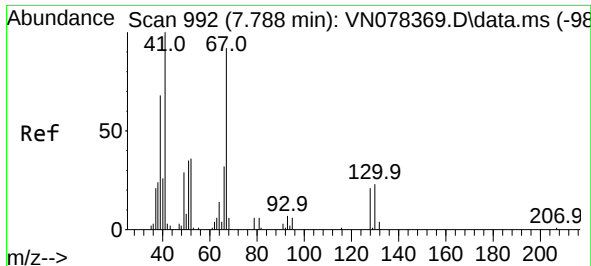
06/26/2023



#34
Benzene
Concen: 5.207 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VN078364.D
Acq: 23 Jun 2023 09:10

Tgt Ion: 78 Resp: 104685
Ion Ratio Lower Upper
78 100
77 23.5 18.3 27.5
51 24.6 13.7 20.5#





#35
Methacrylonitrile
Concen: 5.036 ug/l m
RT: 7.794 min Scan# 992
Delta R.T. 0.006 min
Lab File: VN078364.D
Acq: 23 Jun 2023 09:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

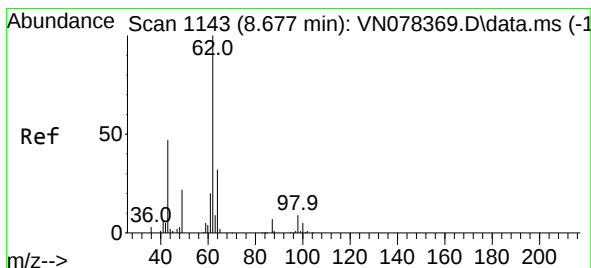
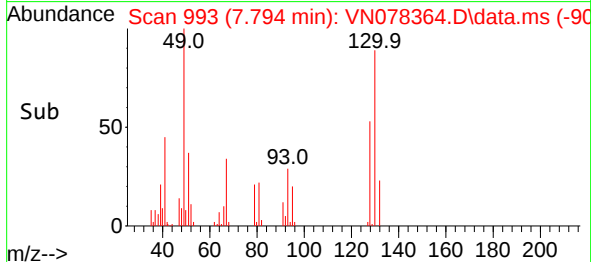
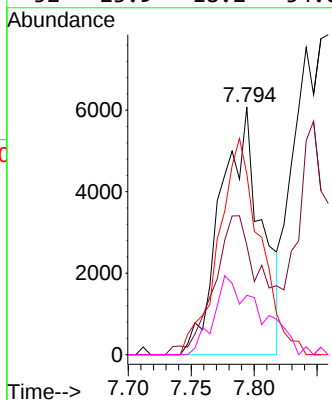
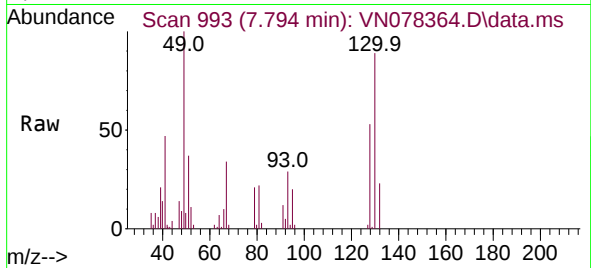
Tgt Ion: 41 Resp: 13650
Ion Ratio Lower Upper
41 100
39 44.1 33.9 101.6
67 73.0 45.9 137.6
52 23.9 18.2 54.6

Manual Integrations
APPROVED

Reviewed By :John
Carlone

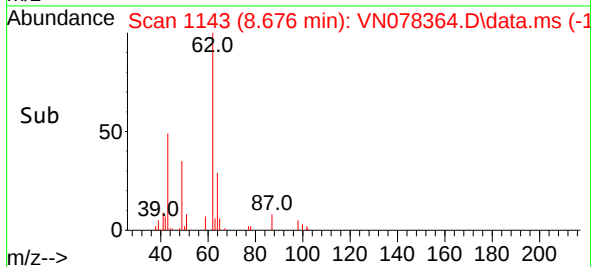
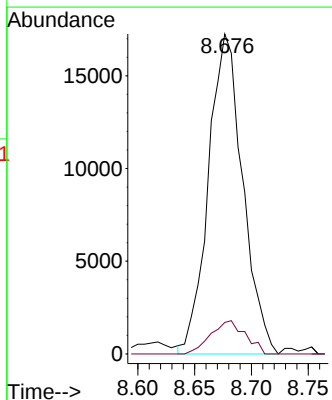
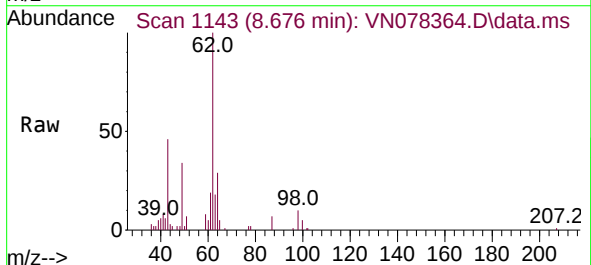
06/24/2023
Supervised By :Mahesh
Dadoda

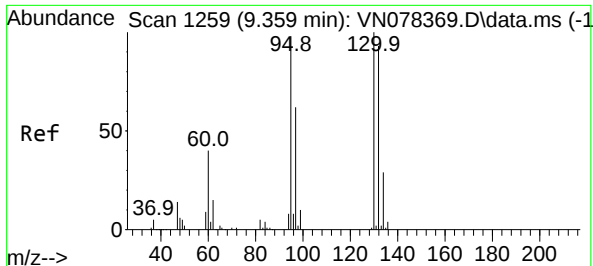
06/26/2023



#36
1,2-Dichloroethane
Concen: 5.283 ug/l
RT: 8.676 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN078364.D
Acq: 23 Jun 2023 09:10

Tgt Ion: 62 Resp: 36211
Ion Ratio Lower Upper
62 100
98 10.5 7.4 11.0





#37

Trichloroethene

Concen: 5.394 ug/l

RT: 9.353 min Scan# 1259

Delta R.T. -0.006 min

Lab File: VN078364.D

Acq: 23 Jun 2023 09:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion:130 Resp: 27700

Ion Ratio Lower Upper

130 100

95 92.6 78.2 117.4

Manual Integrations

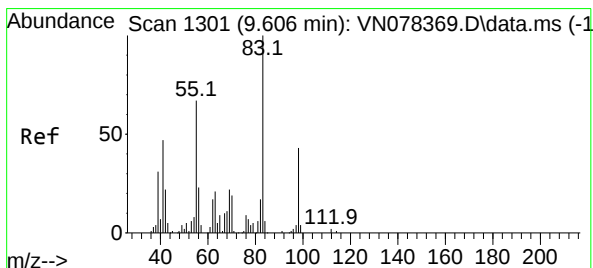
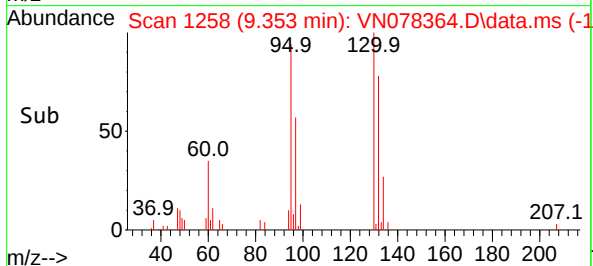
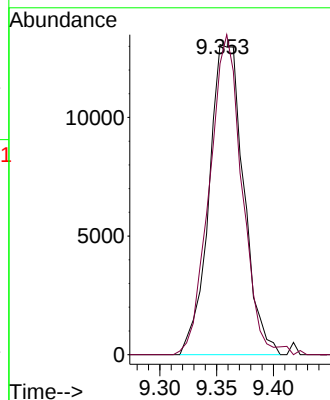
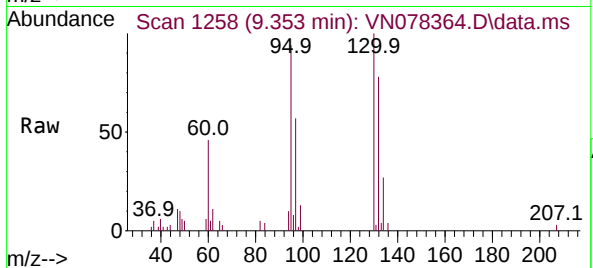
APPROVED

Reviewed By :John
Carlone

06/24/2023

Supervised By :Mahesh
Dadoda

06/26/2023



#38

Methylcyclohexane

Concen: 5.043 ug/l

RT: 9.606 min Scan# 1301

Delta R.T. -0.000 min

Lab File: VN078364.D

Acq: 23 Jun 2023 09:10

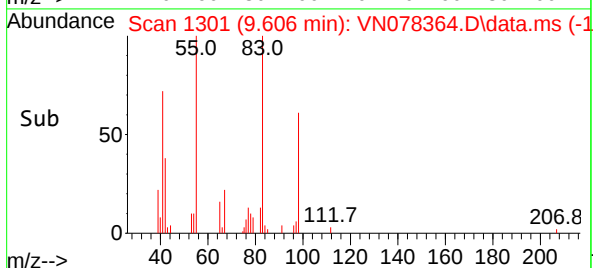
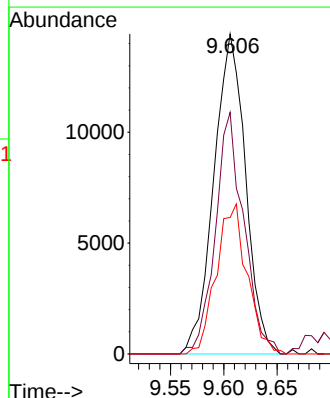
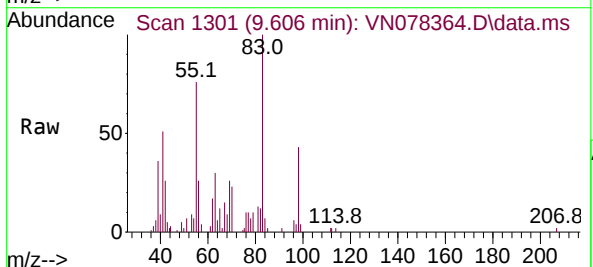
Tgt Ion: 83 Resp: 29870

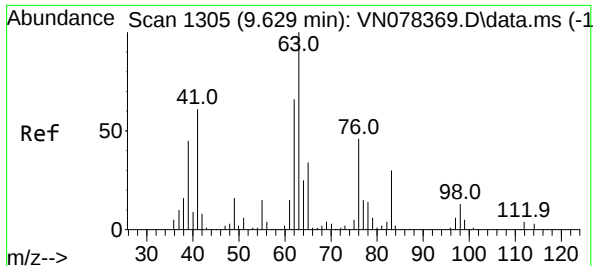
Ion Ratio Lower Upper

83 100

55 67.8 34.0 102.0

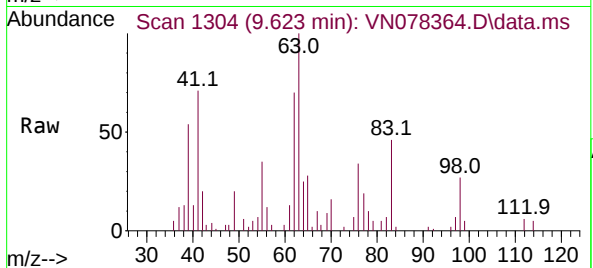
98 45.7 23.0 69.0





#39
1,2-Dichloropropane
Concen: 5.150 ug/l
RT: 9.623 min Scan# 1305
Delta R.T. -0.006 min
Lab File: VN078364.D
Acq: 23 Jun 2023 09:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



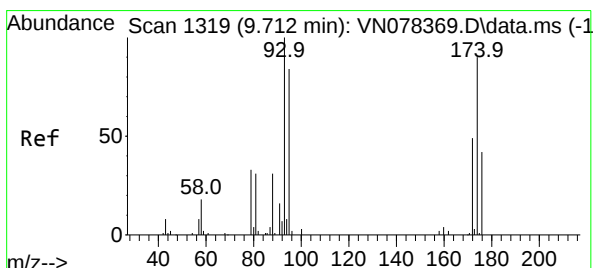
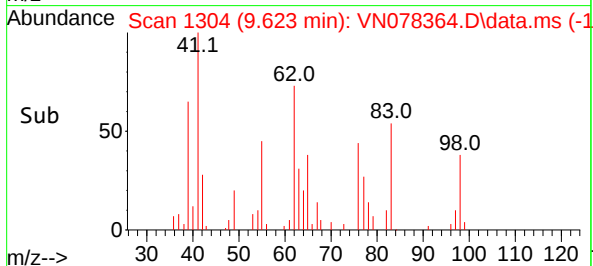
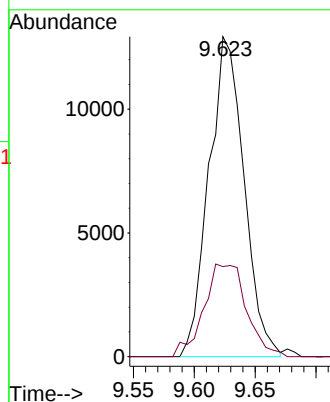
Tgt Ion: 63 Resp: 25938
Ion Ratio Lower Upper
63 100
65 26.7 27.4 41.23

Manual Integrations
APPROVED

Reviewed By :John
Carlone

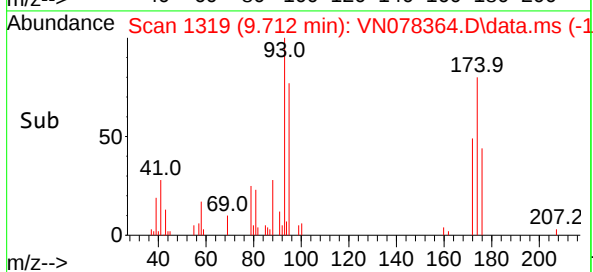
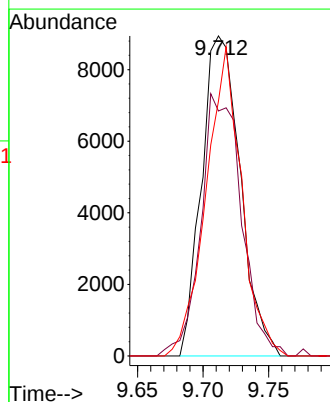
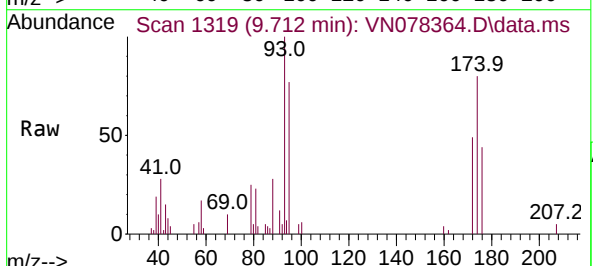
06/24/2023
Supervised By :Mahesh
Dadoda

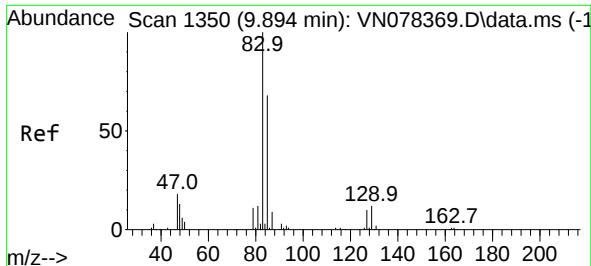
06/26/2023



#40
Dibromomethane
Concen: 5.046 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. -0.000 min
Lab File: VN078364.D
Acq: 23 Jun 2023 09:10

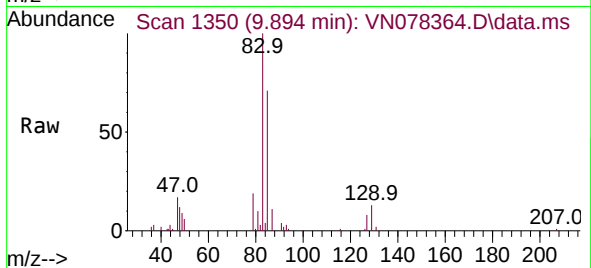
Tgt Ion: 93 Resp: 18339
Ion Ratio Lower Upper
93 100
95 43.5 0.0 167.8
174 88.3 0.0 180.8





#41
Bromodichloromethane
Concen: 5.316 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. -0.000 min
Lab File: VN078364.D
Acq: 23 Jun 2023 09:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



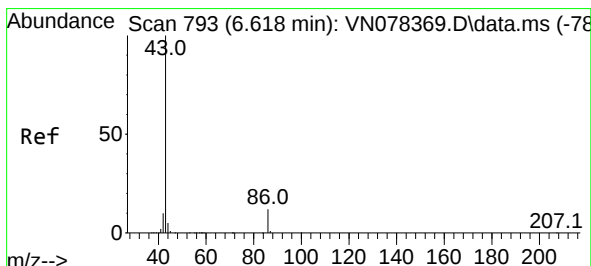
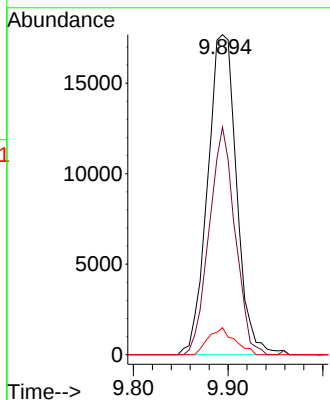
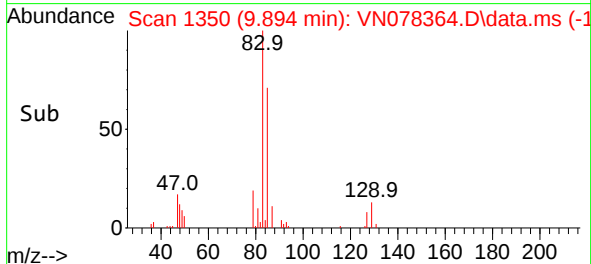
Tgt Ion: 83 Resp: 37532
Ion Ratio Lower Upper
83 100
85 71.1 54.1 81.1
127 8.5 7.8 11.6

Manual Integrations
APPROVED

Reviewed By :John
Carlone

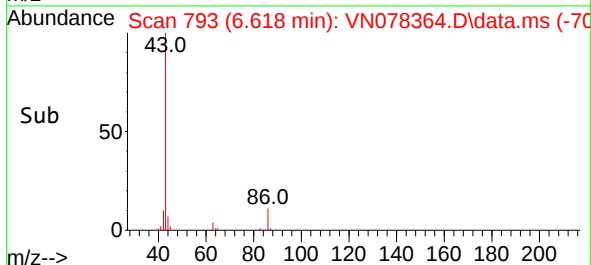
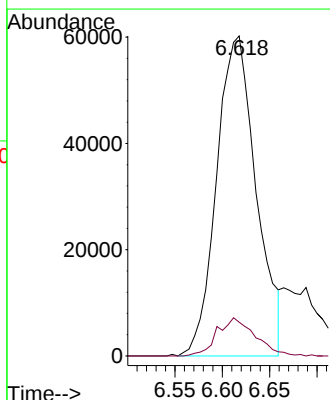
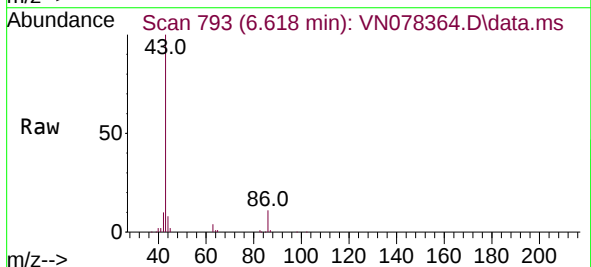
06/24/2023
Supervised By :Mahesh
Dadoda

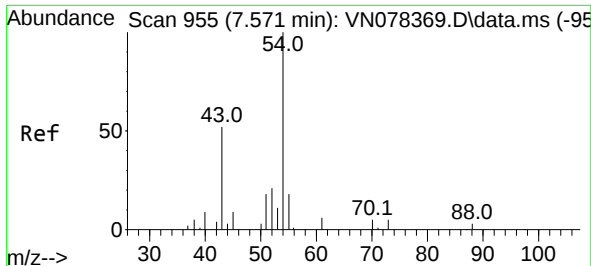
06/26/2023



#42
Vinyl Acetate
Concen: 23.283 ug/l
RT: 6.618 min Scan# 793
Delta R.T. -0.000 min
Lab File: VN078364.D
Acq: 23 Jun 2023 09:10

Tgt Ion: 43 Resp: 175274
Ion Ratio Lower Upper
43 100
86 8.4 9.4 14.0#





#43
Ethyl Acetate
Concen: 4.636 ug/l
RT: 7.577 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN078364.D
Acq: 23 Jun 2023 09:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

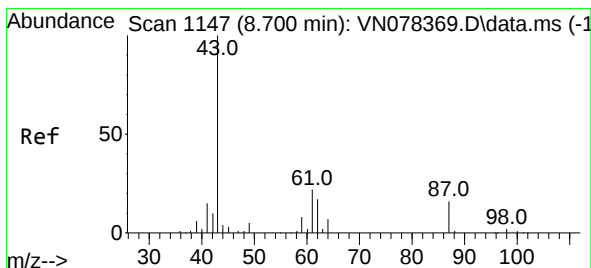
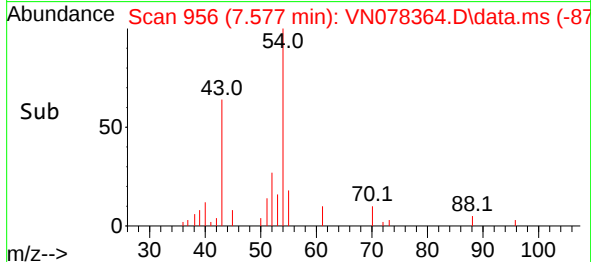
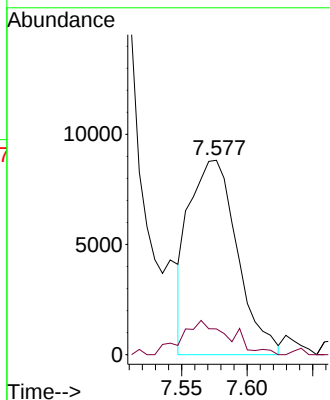
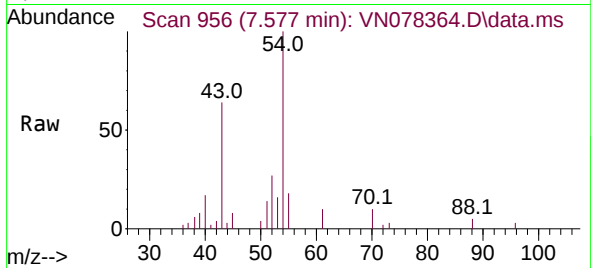
Tgt Ion: 43 Resp: 22470
Ion Ratio Lower Upper
43 100
45 12.2 10.9 16.3

Manual Integrations
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Reviewed By :John
Carlone

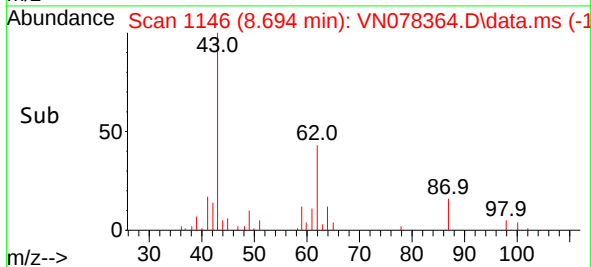
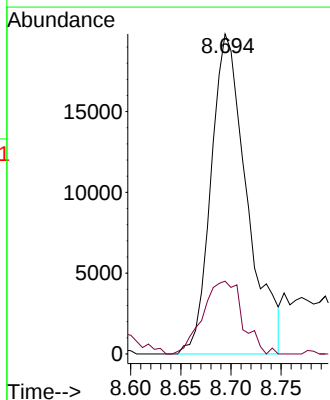
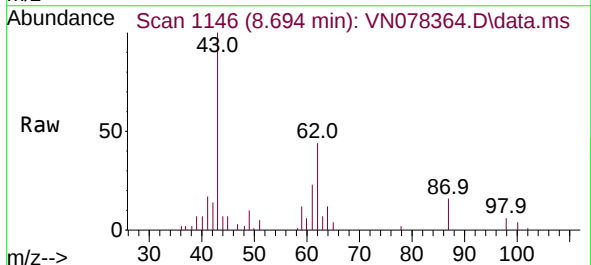
06/24/2023
Supervised By :Mahesh
Dadoda

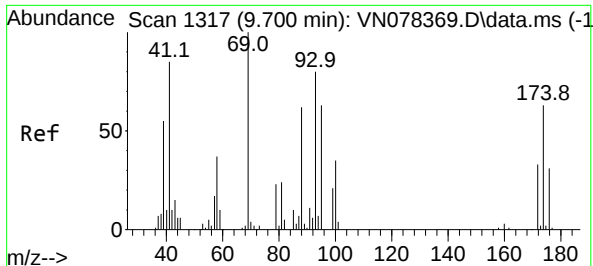
06/26/2023



#44
Isopropyl Acetate
Concen: 5.489 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. -0.006 min
Lab File: VN078364.D
Acq: 23 Jun 2023 09:10

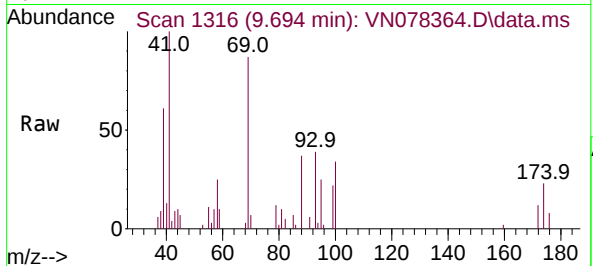
Tgt Ion: 43 Resp: 49328
Ion Ratio Lower Upper
43 100
61 18.4 23.0 34.6





#45
1,4-Dioxane
Concen: 95.655 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. -0.006 min
Lab File: VN078364.D
Acq: 23 Jun 2023 09:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



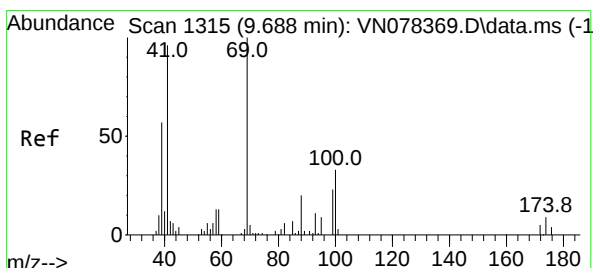
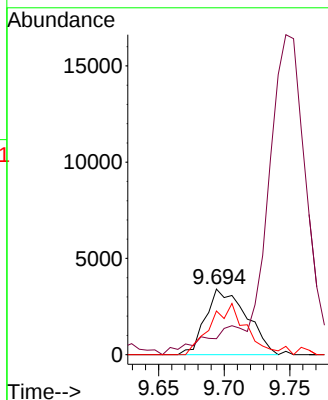
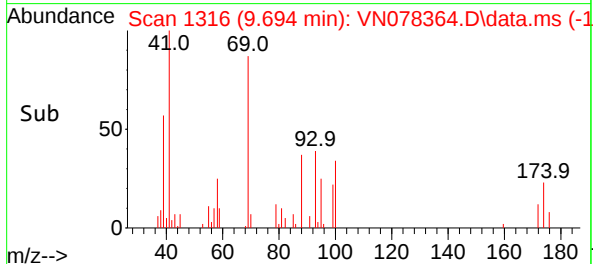
Tgt Ion: 88 Resp: 740
Ion Ratio Lower Upper
88 100
43 26.1 19.0 28.6
58 67.9 48.2 72.2

Manual Integrations
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Reviewed By :John
Carlone

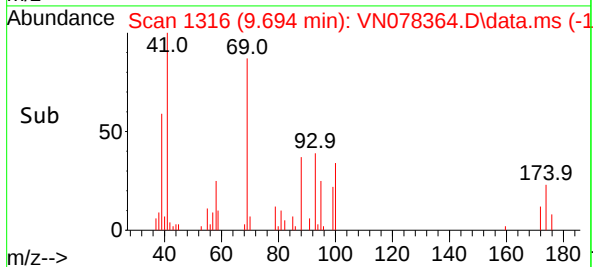
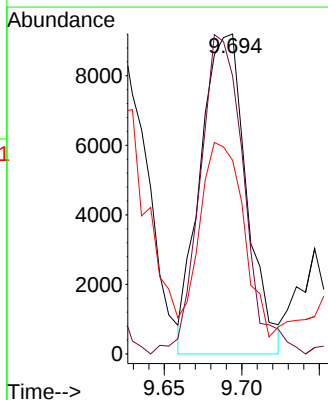
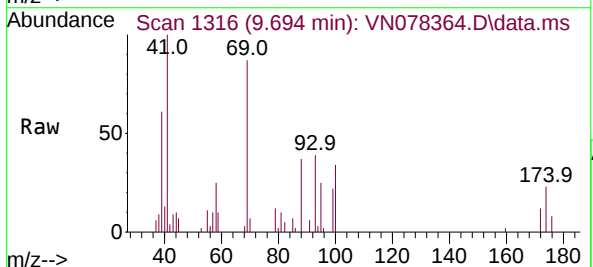
06/24/2023
Supervised By :Mahesh
Dadoda

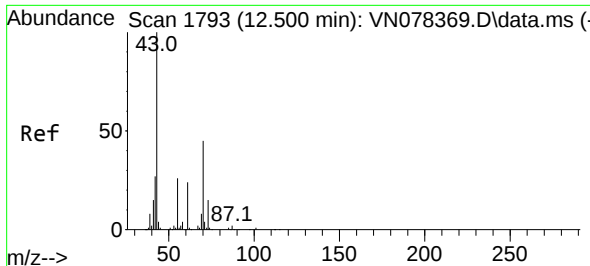
06/26/2023



#46
Methyl methacrylate
Concen: 4.781 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. 0.006 min
Lab File: VN078364.D
Acq: 23 Jun 2023 09:10

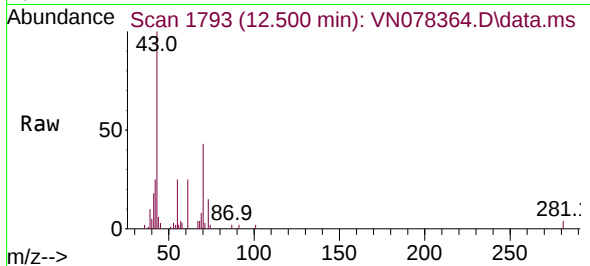
Tgt Ion: 41 Resp: 19127
Ion Ratio Lower Upper
41 100
69 90.2 49.0 147.0
39 57.2 31.6 94.8





#47
n-amyl acetate
Concen: 4.046 ug/l
RT: 12.500 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078364.D
Acq: 23 Jun 2023 09:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



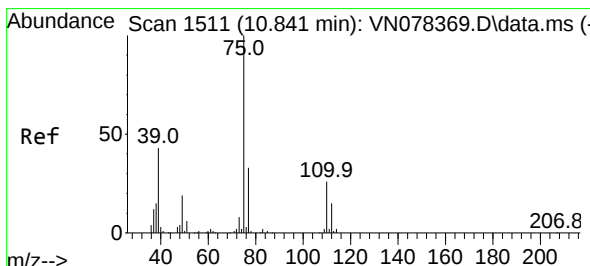
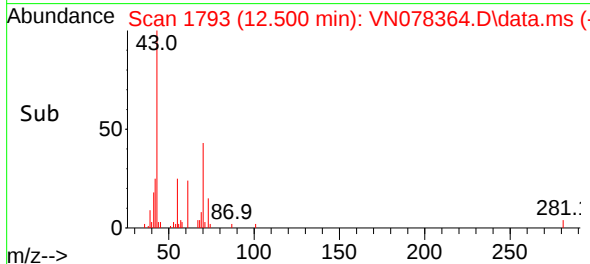
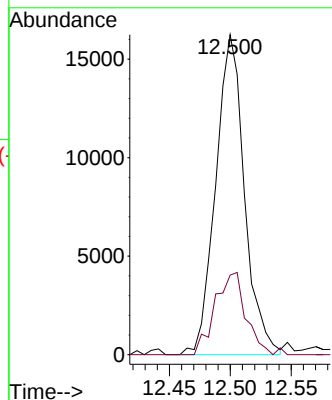
Tgt Ion: 43 Resp: 26720
Ion Ratio Lower Upper
43 100
55 27.3 21.5 32.3

Manual Integrations
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Reviewed By :John
Carlone

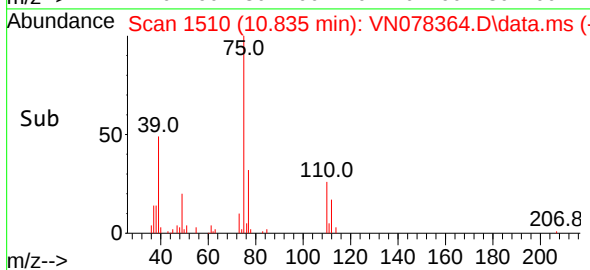
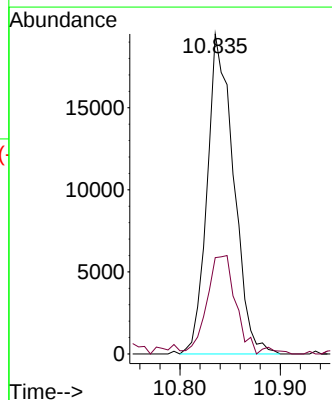
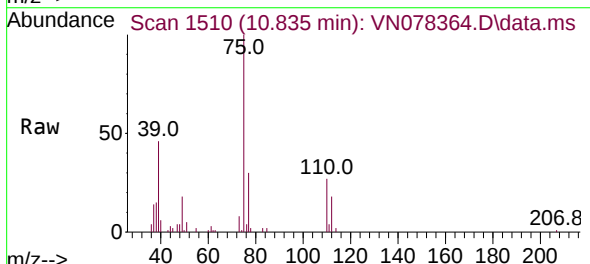
06/24/2023
Supervised By :Mahesh
Dadoda

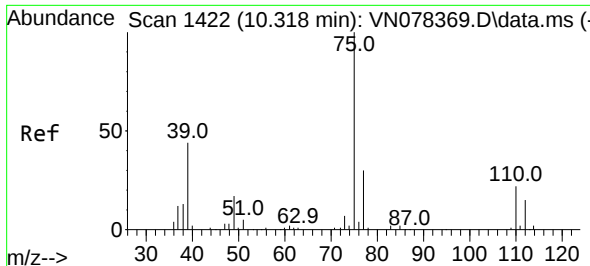
06/26/2023



#48
t-1,3-Dichloropropene
Concen: 4.930 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.006 min
Lab File: VN078364.D
Acq: 23 Jun 2023 09:10

Tgt Ion: 75 Resp: 35730
Ion Ratio Lower Upper
75 100
77 29.2 26.1 39.1





#49
cis-1,3-Dichloropropene
Concen: 4.970 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VN078364.D
Acq: 23 Jun 2023 09:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 75 Resp: 39700
Ion Ratio Lower Upper
75 100
77 29.4 24.0 36.0
39 44.8 35.1 52.7

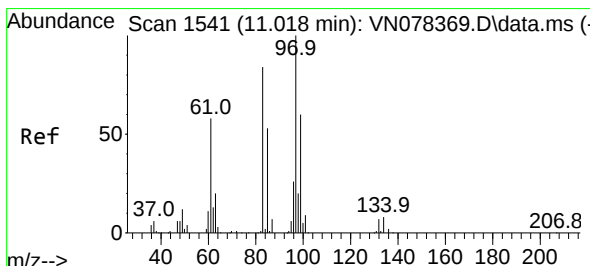
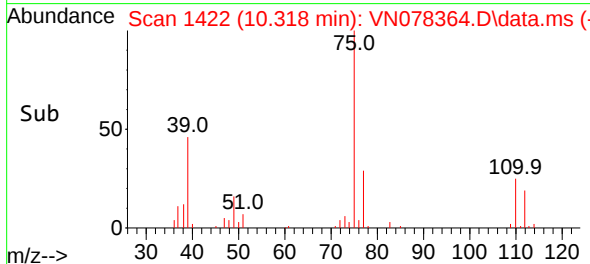
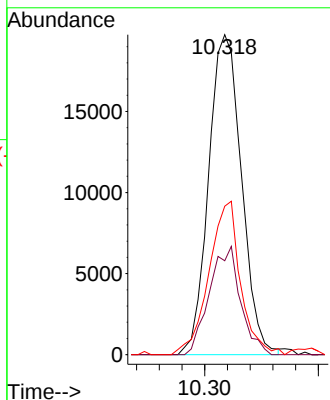
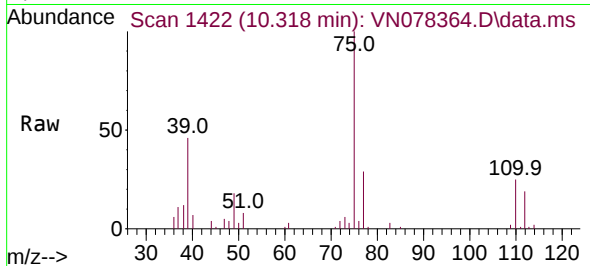
Manual Integrations
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Reviewed By :John
Carlone

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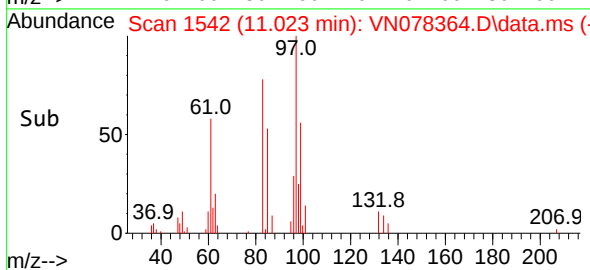
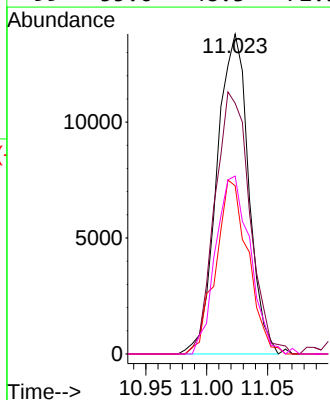
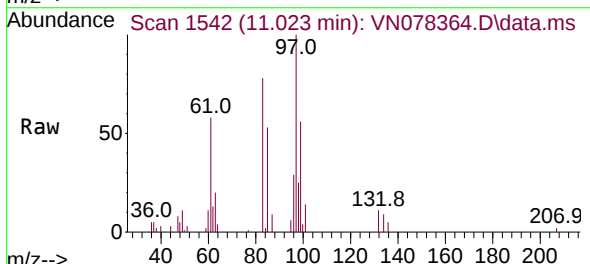
Supervised By :Mahesh
Dadoda

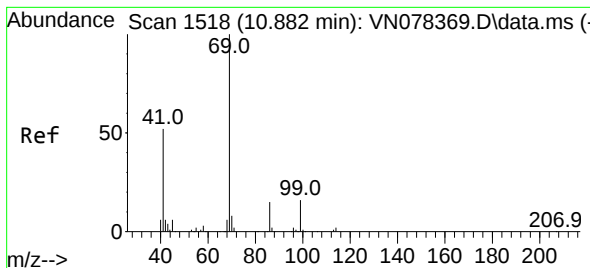
06/26/2023



#50
1,1,2-Trichloroethane
Concen: 5.125 ug/l
RT: 11.023 min Scan# 1542
Delta R.T. 0.006 min
Lab File: VN078364.D
Acq: 23 Jun 2023 09:10

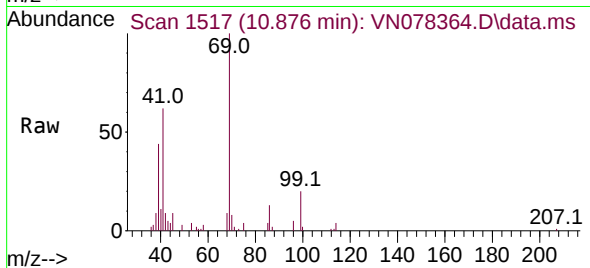
Tgt Ion: 97 Resp: 24967
Ion Ratio Lower Upper
97 100
83 78.4 66.8 100.2
85 52.6 42.5 63.7
99 55.6 48.3 72.5





#51
Ethyl methacrylate
Concen: 4.415 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.006 min
Lab File: VN078364.D
Acq: 23 Jun 2023 09:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



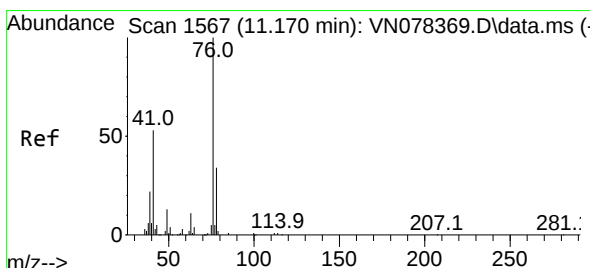
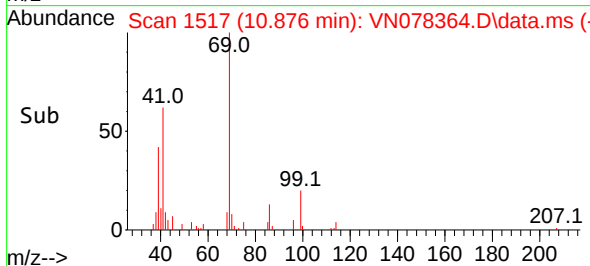
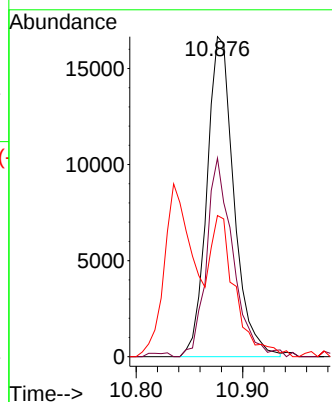
Tgt Ion: 69 Resp: 29428
Ion Ratio Lower Upper
69 100
41 62.0 26.0 78.0
39 43.0 16.3 48.9

Manual Integrations
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Reviewed By :John
Carlone

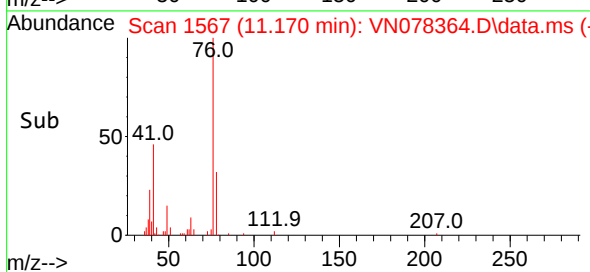
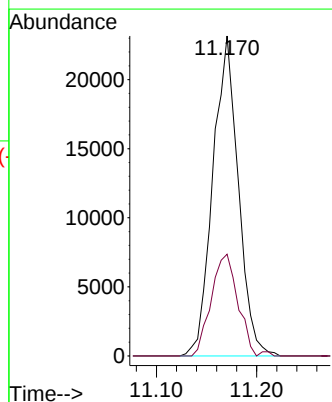
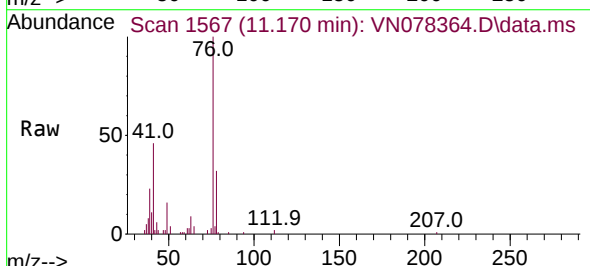
06/24/2023
Supervised By :Mahesh
Dadoda

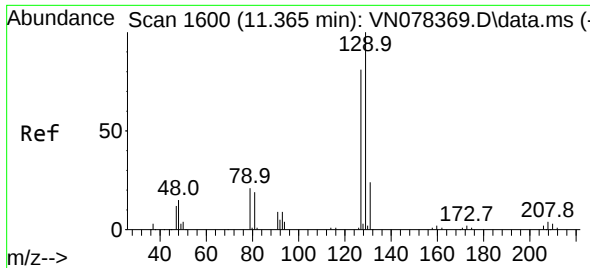
06/26/2023



#52
1,3-Dichloropropane
Concen: 4.999 ug/l
RT: 11.170 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VN078364.D
Acq: 23 Jun 2023 09:10

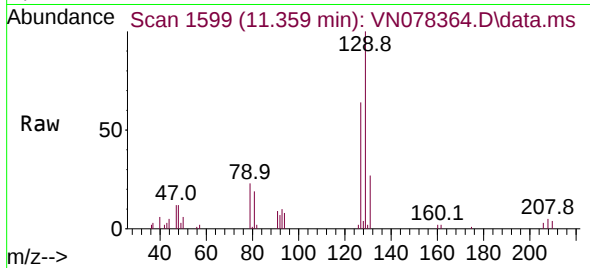
Tgt Ion: 76 Resp: 40871
Ion Ratio Lower Upper
76 100
78 33.1 0.0 66.2





#53
Dibromochloromethane
Concen: 4.848 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.006 min
Lab File: VN078364.D
Acq: 23 Jun 2023 09:10

Instrument : MSVOA_N
ClientSampleId : VSTDIC005



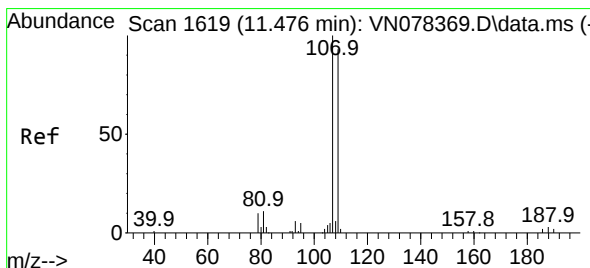
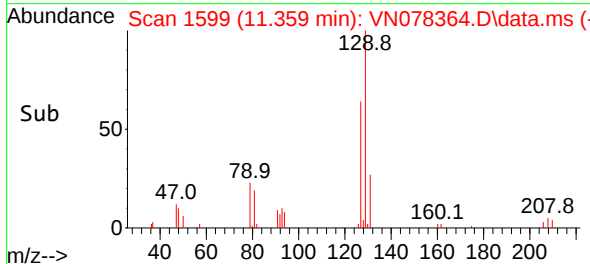
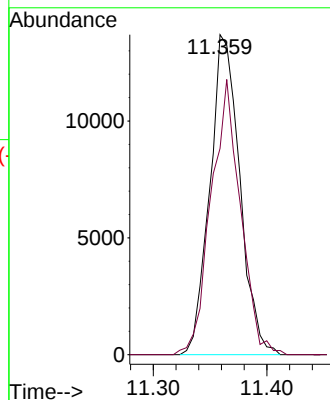
Tgt Ion:129 Resp: 25049
Ion Ratio Lower Upper
129 100
127 84.4 39.4 118.1

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Reviewed By :John
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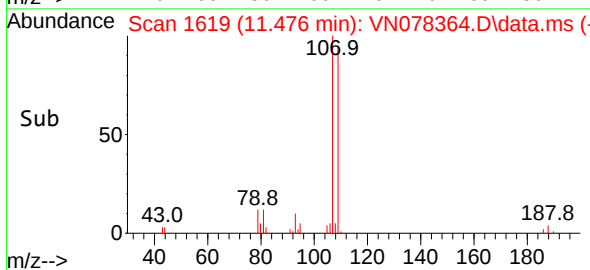
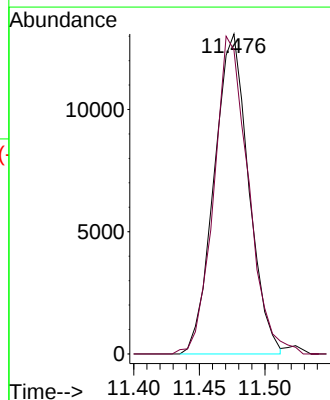
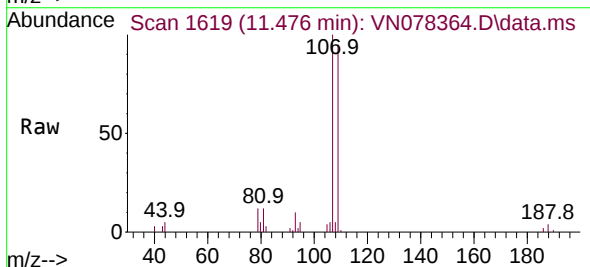
06/24/2023
Supervised By :Mahesh
Dadoda

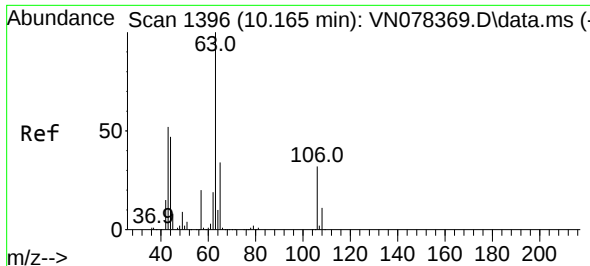
06/26/2023



#54
1,2-Dibromoethane
Concen: 4.885 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VN078364.D
Acq: 23 Jun 2023 09:10

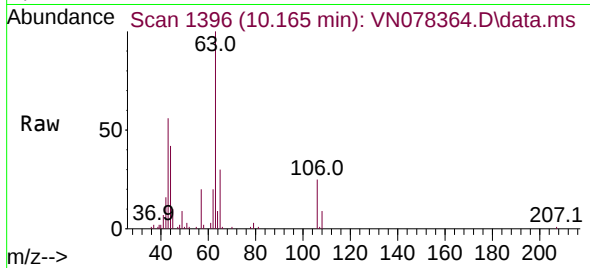
Tgt Ion:107 Resp: 23986
Ion Ratio Lower Upper
107 100
109 99.0 74.6 112.0





#55
2-Chloroethyl vinyl ether
Concen: 21.063 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. -0.000 min
Lab File: VN078364.D
Acq: 23 Jun 2023 09:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



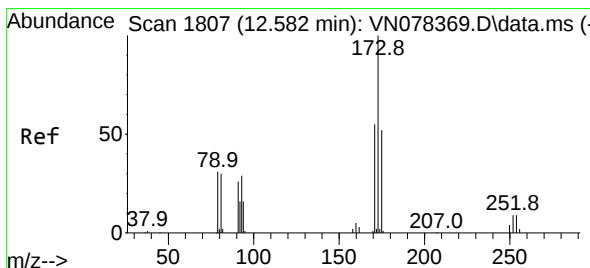
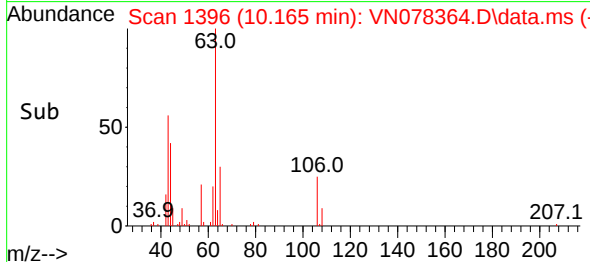
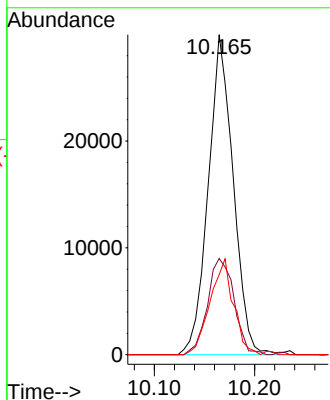
Tgt Ion: 63 Resp: 51790
Ion Ratio Lower Upper
63 100
65 31.8 26.3 39.5
106 28.1 23.8 35.6

Manual Integrations
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Reviewed By :John
Carlone

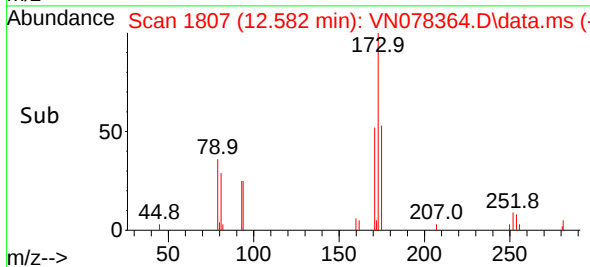
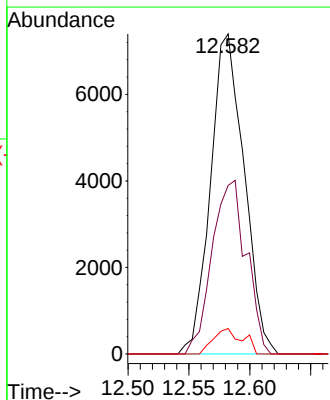
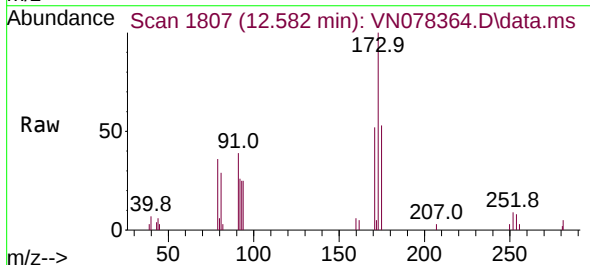
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Supervised By :Mahesh
Dadoda

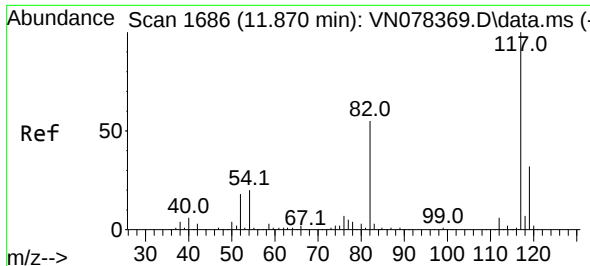
06/26/2023



#56
Bromoform
Concen: 4.492 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VN078364.D
Acq: 23 Jun 2023 09:10

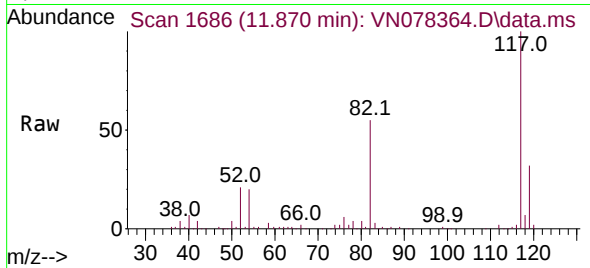
Tgt Ion:173 Resp: 14209
Ion Ratio Lower Upper
173 100
175 55.3 40.7 61.1
254 5.7 6.5 9.7#





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN078364.D
Acq: 23 Jun 2023 09:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



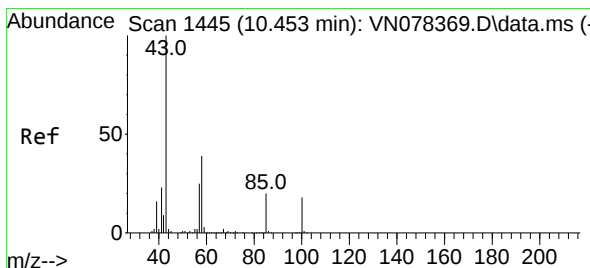
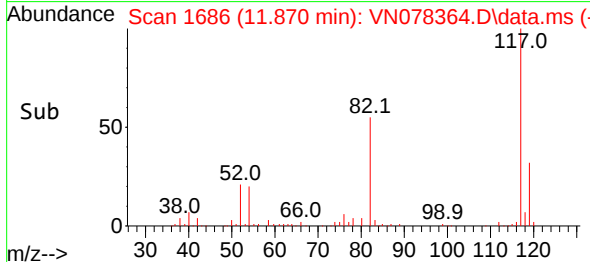
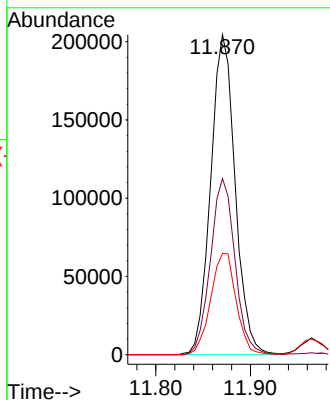
Tgt Ion:117 Resp: 366999
Ion Ratio Lower Upper
117 100
82 55.2 43.9 65.9
119 33.1 26.2 39.4

Manual Integrations
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Reviewed By :John
Carlone

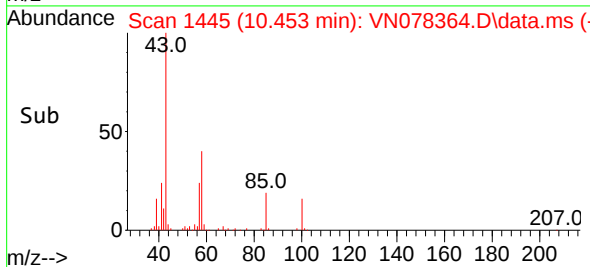
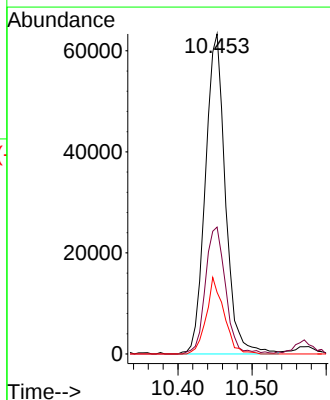
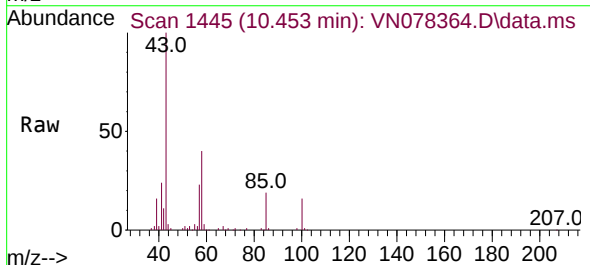
06/24/2023
Supervised By :Mahesh
Dadoda

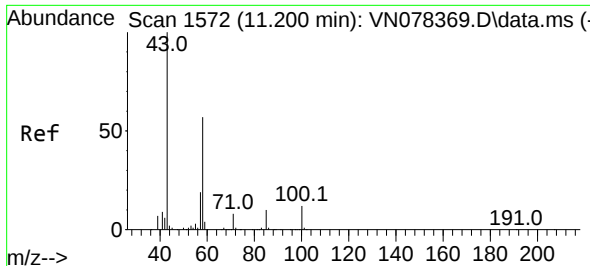
06/26/2023



#58
4-Methyl-2-Pentanone
Concen: 24.314 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. -0.000 min
Lab File: VN078364.D
Acq: 23 Jun 2023 09:10

Tgt Ion: 43 Resp: 119162
Ion Ratio Lower Upper
43 100
58 39.8 32.6 48.8
85 20.8 16.2 24.2





#59
2-Hexanone
Concen: 23.957 ug/l
RT: 11.200 min Scan# 11090
Delta R.T. -0.000 min
Lab File: VN078364.D
Acq: 23 Jun 2023 09:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

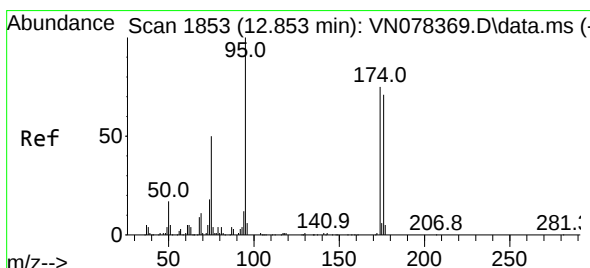
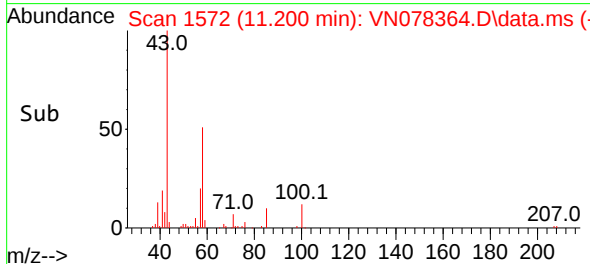
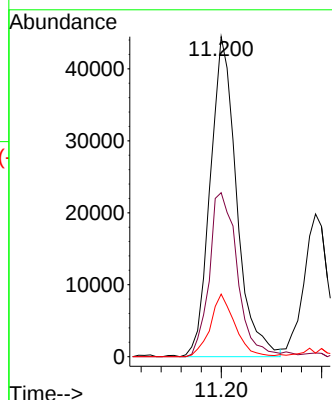
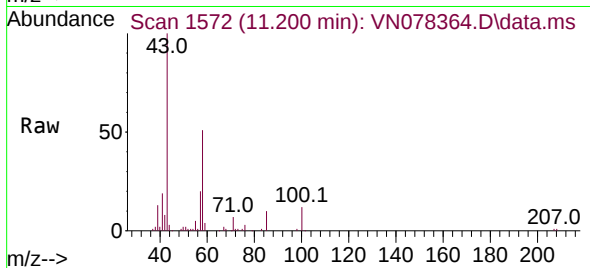
Tgt Ion: 43 Resp: 81090
Ion Ratio Lower Upper
43 100
58 54.3 45.9 68.9
57 18.2 15.8 23.6

Manual Integrations
APPROVED

Reviewed By :John
Carlone

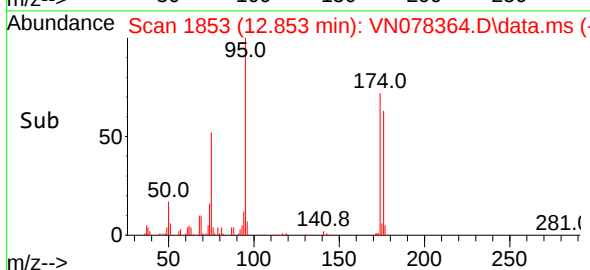
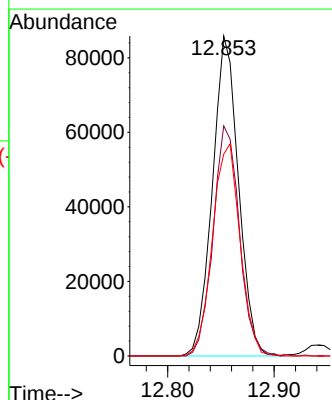
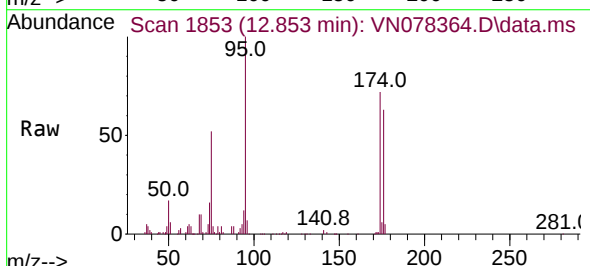
06/24/2023
Supervised By :Mahesh
Dadoda

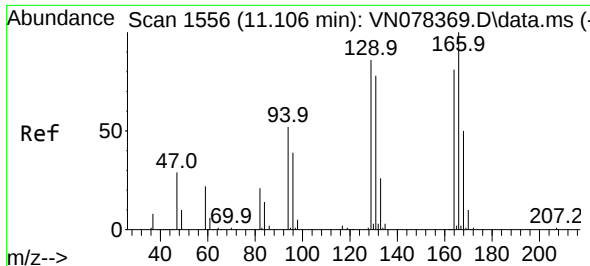
06/26/2023



#60
4-Bromofluorobenzene
Concen: 28.171 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078364.D
Acq: 23 Jun 2023 09:10

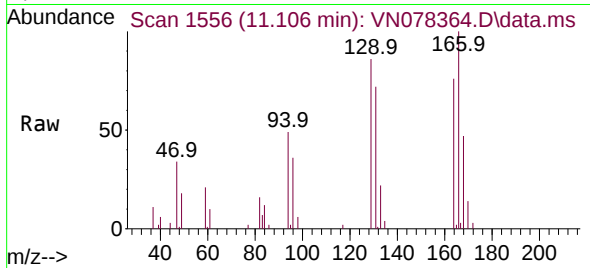
Tgt Ion: 95 Resp: 145660
Ion Ratio Lower Upper
95 100
174 72.4 61.7 92.5
176 70.1 58.1 87.1





#61
Tetrachloroethene
Concen: 5.690 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN078364.D
Acq: 23 Jun 2023 09:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



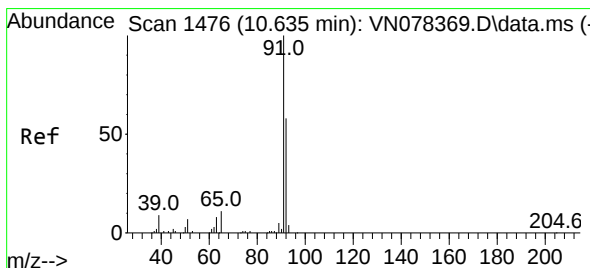
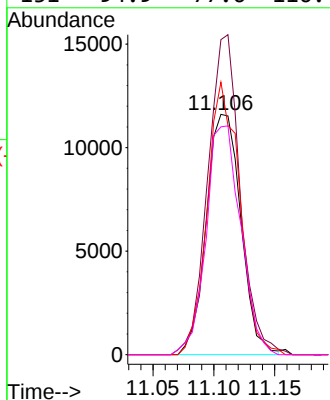
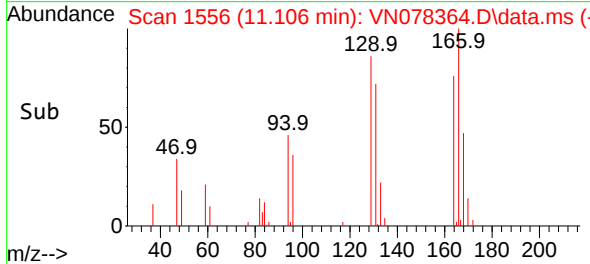
Tgt Ion:164 Resp: 2288
Ion Ratio Lower Upper
164 100
166 129.1 99.1 148.7
129 113.4 85.6 128.4
131 94.9 77.6 116.4

Manual Integrations
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Reviewed By :John
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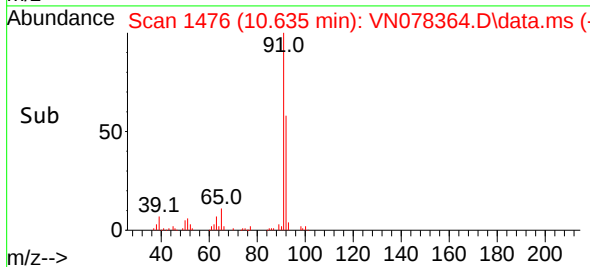
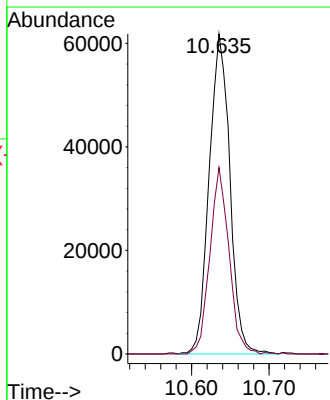
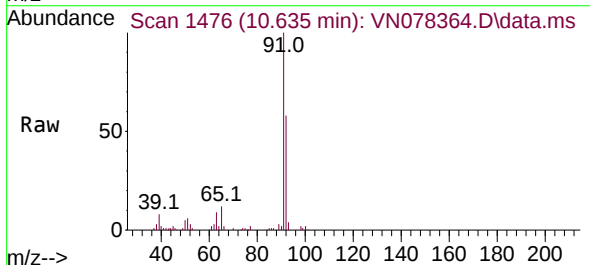
06/24/2023
Supervised By :Mahesh
Dadoda

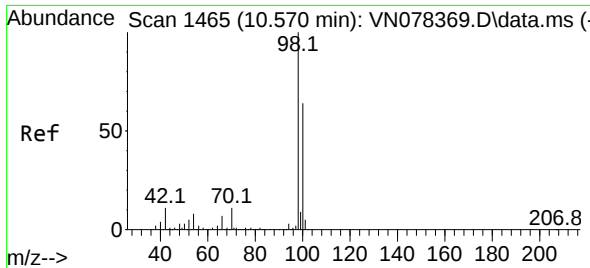
06/26/2023



#62
Toluene
Concen: 5.369 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VN078364.D
Acq: 23 Jun 2023 09:10

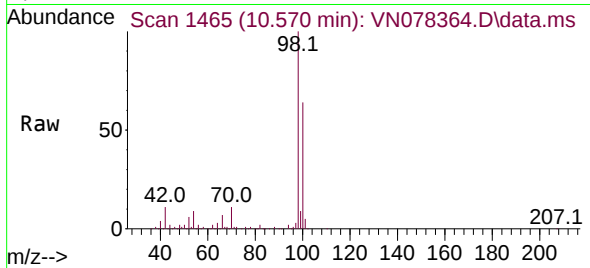
Tgt Ion: 91 Resp: 114680
Ion Ratio Lower Upper
91 100
92 53.8 45.2 67.8





#63
Toluene-d8
Concen: 31.775 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN078364.D
Acq: 23 Jun 2023 09:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



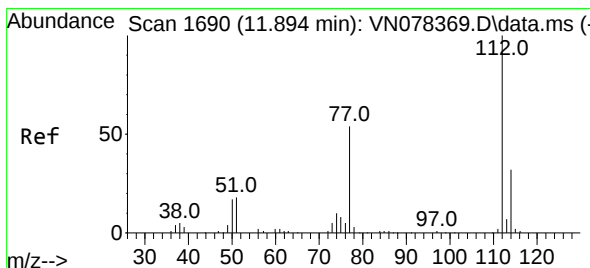
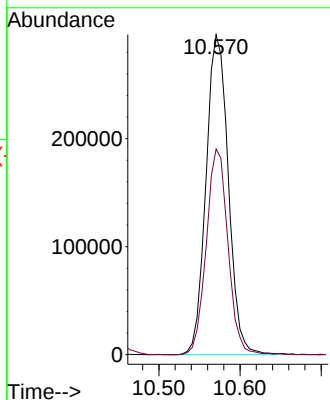
Tgt Ion: 98 Resp: 56502
Ion Ratio Lower Upper
98 100
100 62.4 49.7 74.5

Manual Integrations
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Reviewed By :John
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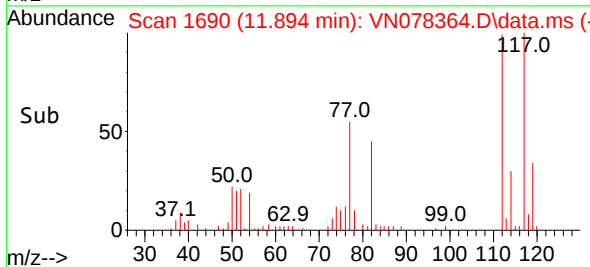
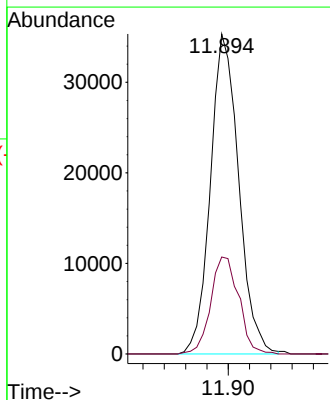
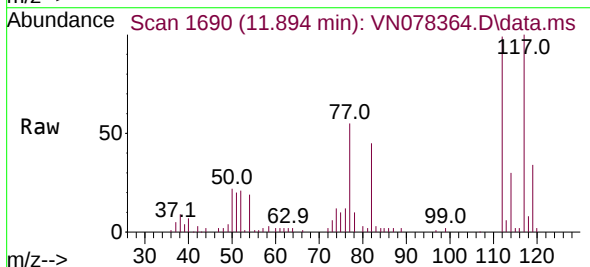
06/24/2023
Supervised By :Mahesh
Dadoda

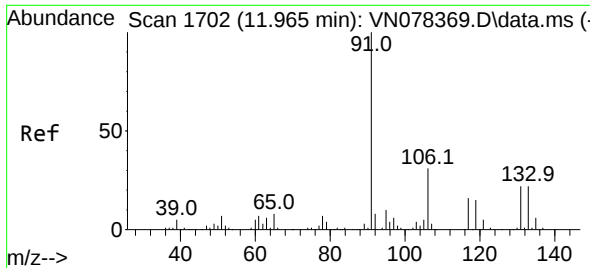
06/26/2023



#64
Chlorobenzene
Concen: 5.147 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. -0.000 min
Lab File: VN078364.D
Acq: 23 Jun 2023 09:10

Tgt Ion:112 Resp: 65153
Ion Ratio Lower Upper
112 100
114 30.3 25.9 38.9





#65
1,1,1,2-Tetrachloroethane
Concen: 5.293 ug/l
RT: 11.964 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN078364.D
Acq: 23 Jun 2023 09:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

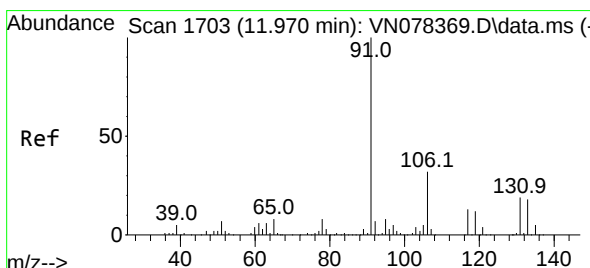
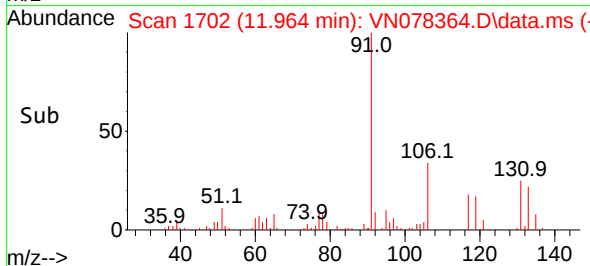
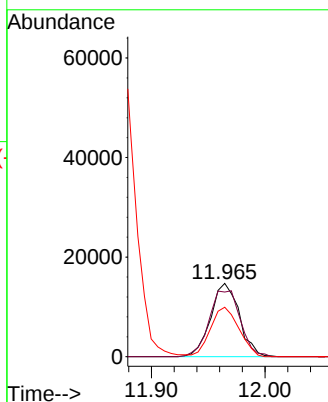
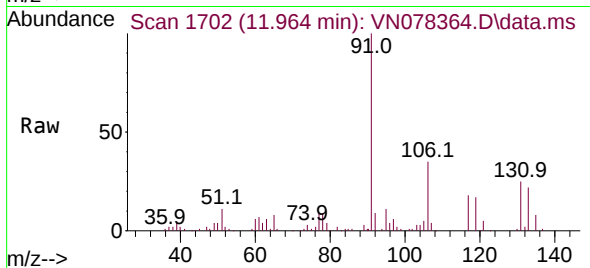
Tgt Ion:131 Resp: 25839
Ion Ratio Lower Upper
131 100
133 98.4 0.0 191.8
119 66.8 0.0 132.0

Manual Integrations
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Reviewed By :John
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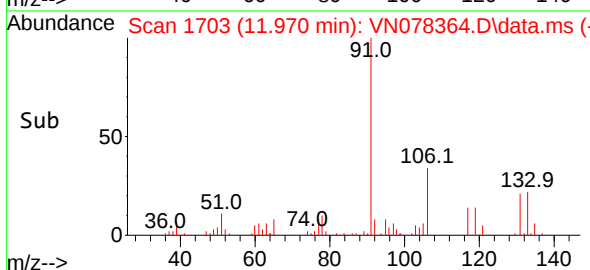
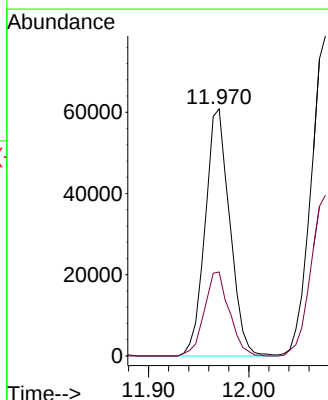
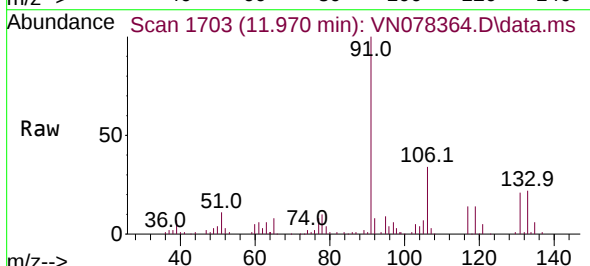
06/24/2023
Supervised By :Mahesh
Dadoda

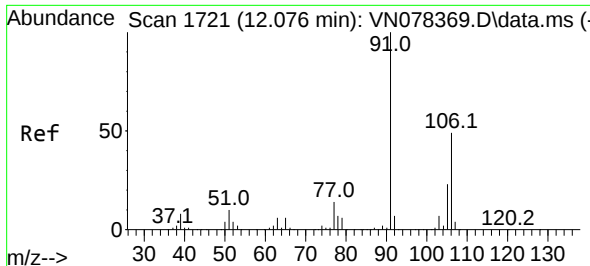
06/26/2023



#66
Ethyl Benzene
Concen: 4.777 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VN078364.D
Acq: 23 Jun 2023 09:10

Tgt Ion: 91 Resp: 103812
Ion Ratio Lower Upper
91 100
106 34.0 25.6 38.4





#67
m/p-Xylenes
Concen: 9.587 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. -0.000 min
Lab File: VN078364.D
Acq: 23 Jun 2023 09:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

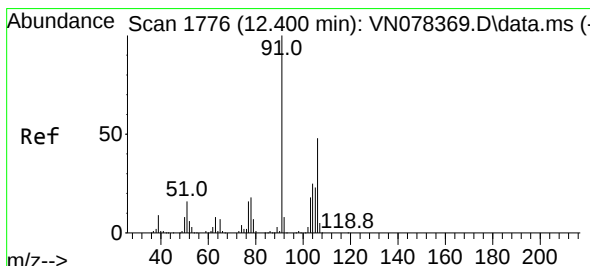
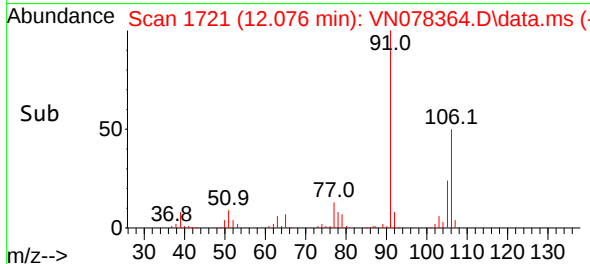
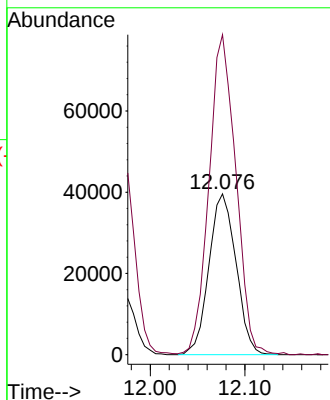
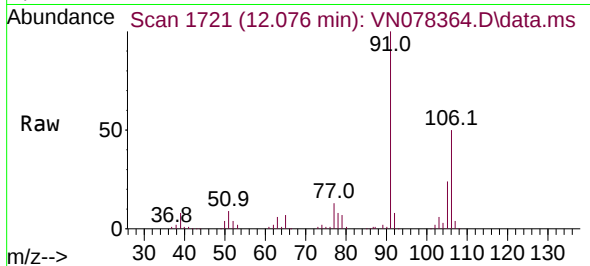
Tgt Ion:106 Resp: 7878
Ion Ratio Lower Upper
106 100
91 197.1 162.5 243.7

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Reviewed By :John
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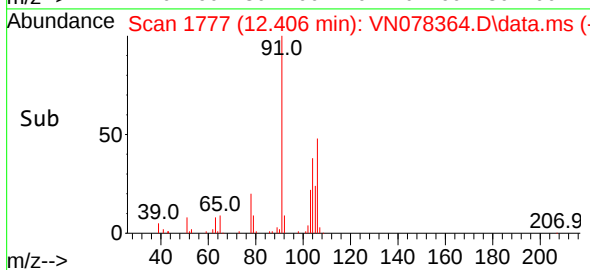
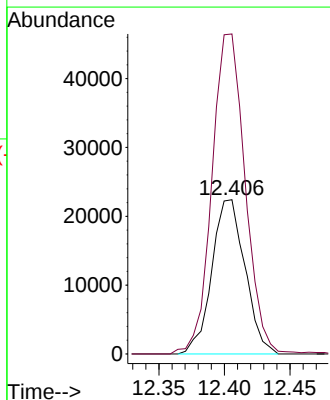
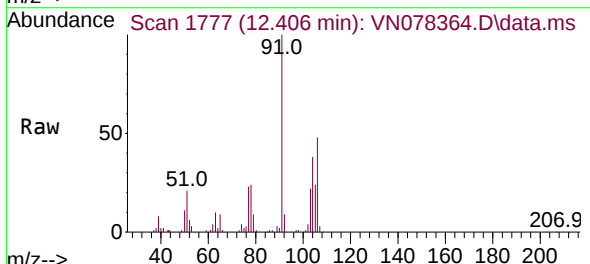
06/24/2023
Supervised By :Mahesh
Dadoda

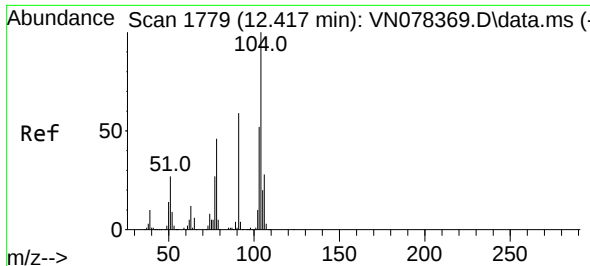
06/26/2023



#68
o-Xylene
Concen: 4.954 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. 0.006 min
Lab File: VN078364.D
Acq: 23 Jun 2023 09:10

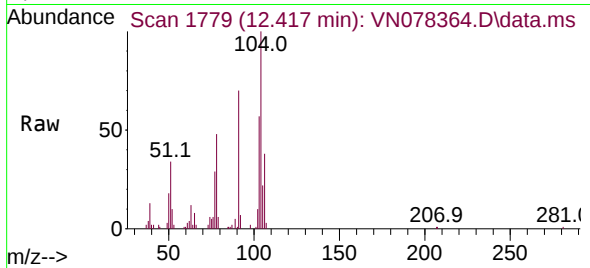
Tgt Ion:106 Resp: 39478
Ion Ratio Lower Upper
106 100
91 206.9 106.1 318.3





#69
Styrene
Concen: 4.245 ug/l
RT: 12.417 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN078364.D
Acq: 23 Jun 2023 09:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



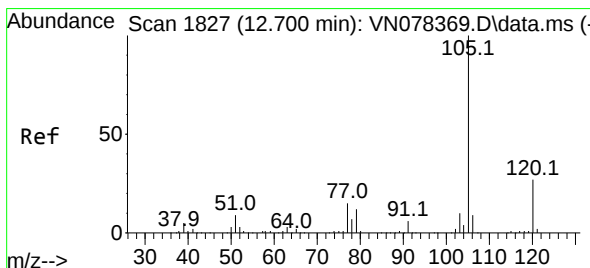
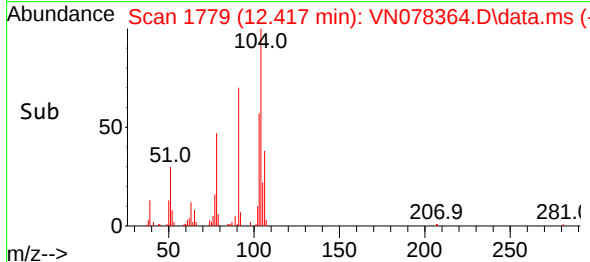
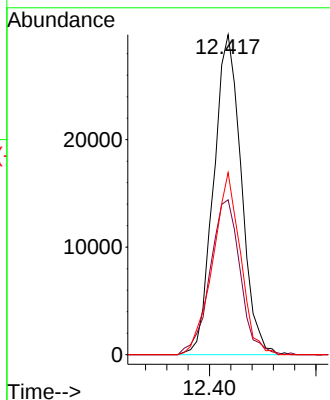
Tgt Ion:104 Resp: 53559
Ion Ratio Lower Upper
104 100
78 52.7 40.1 60.1
103 57.0 45.1 67.7

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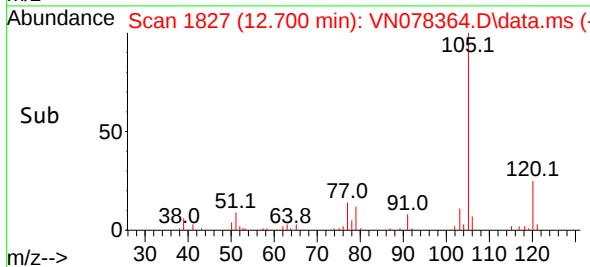
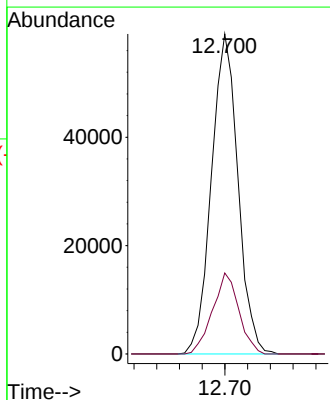
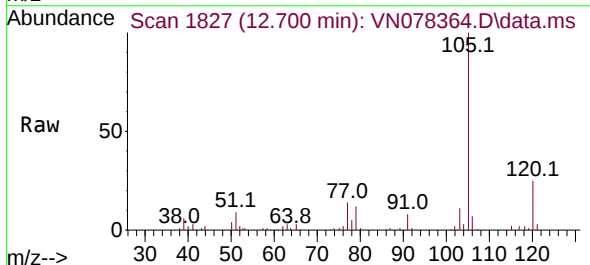
06/24/2023
Supervised By :Mahesh
Dadoda

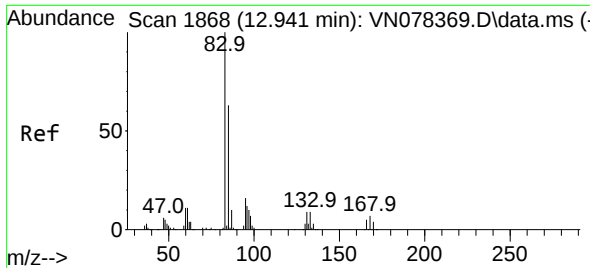
06/26/2023



#70
Isopropylbenzene
Concen: 4.882 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN078364.D
Acq: 23 Jun 2023 09:10

Tgt Ion:105 Resp: 95600
Ion Ratio Lower Upper
105 100
120 25.1 18.3 34.1





#71
1,1,2,2-Tetrachloroethane
Concen: 5.134 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN078364.D
Acq: 23 Jun 2023 09:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

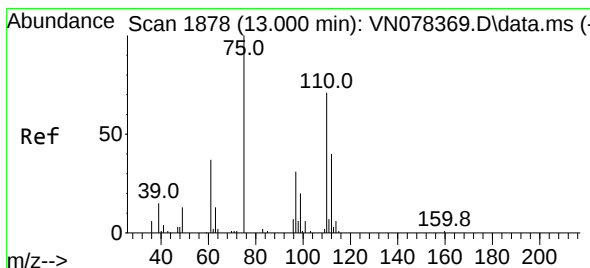
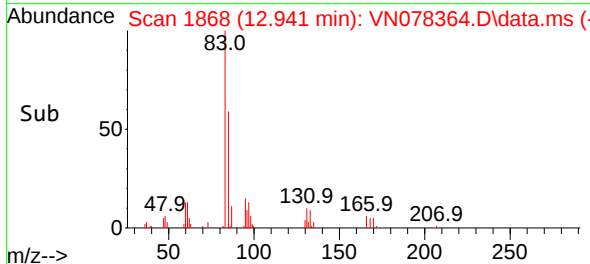
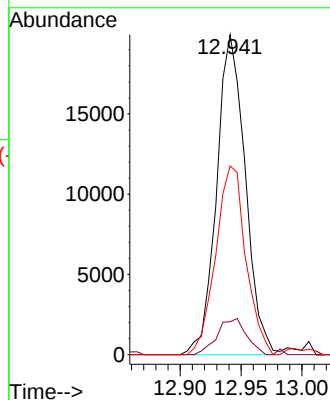
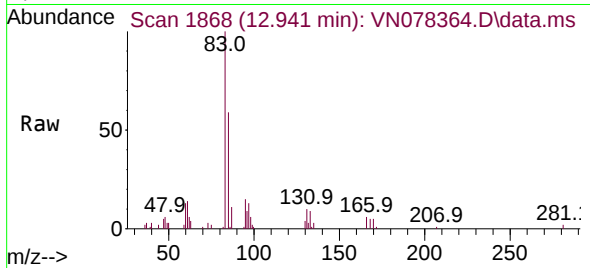
Tgt Ion: 83 Resp: 3269
Ion Ratio Lower Upper
83 100
131 11.5 4.8 14.4
85 61.9 32.6 98.0

Manual Integrations
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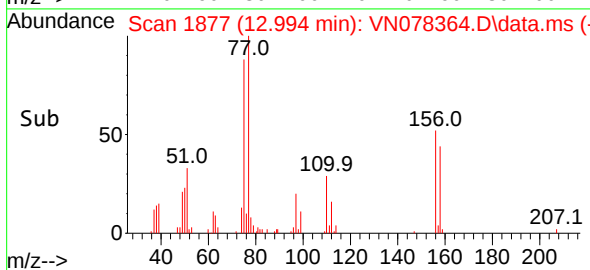
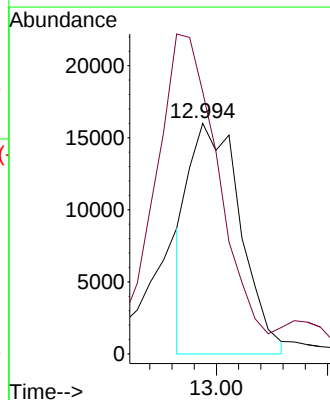
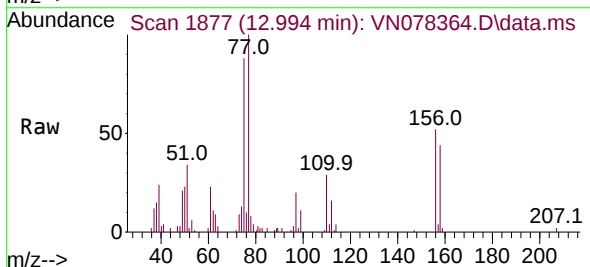
06/24/2023
Supervised By :Mahesh
Dadoda

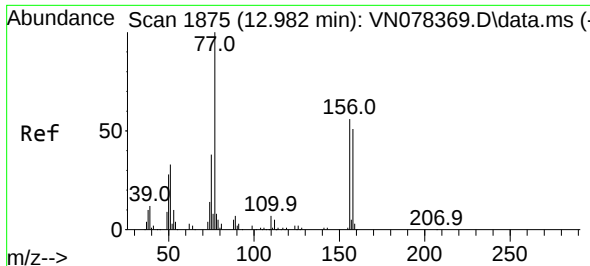
06/26/2023



#72
1,2,3-Trichloropropane
Concen: 4.625 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.006 min
Lab File: VN078364.D
Acq: 23 Jun 2023 09:10

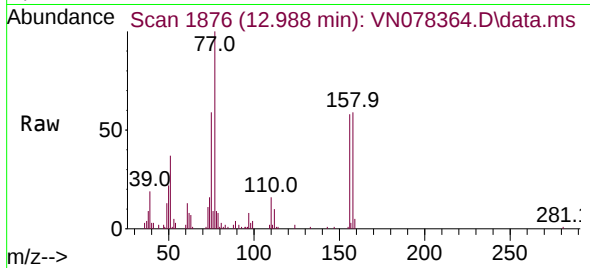
Tgt Ion: 75 Resp: 25962
Ion Ratio Lower Upper
75 100
77 172.5 0.0 387.4





#73
Bromobenzene
Concen: 4.690 ug/l
RT: 12.988 min Scan# 1876
Delta R.T. 0.006 min
Lab File: VN078364.D
Acq: 23 Jun 2023 09:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



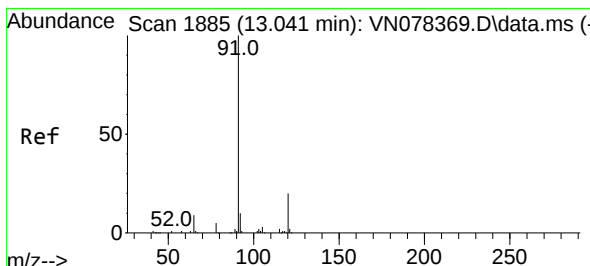
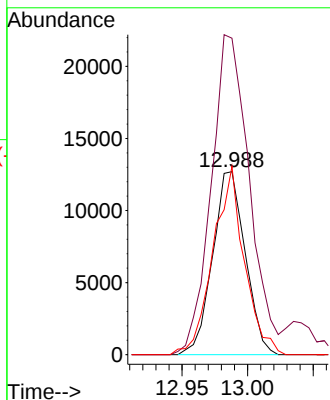
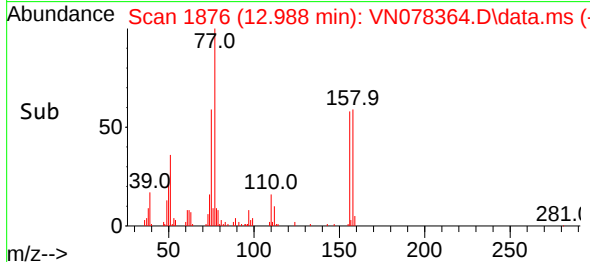
Tgt Ion:156 Resp: 21950
Ion Ratio Lower Upper
156 100
77 204.0 0.0 420.8
158 98.4 0.0 193.2

Manual Integrations
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Reviewed By :John
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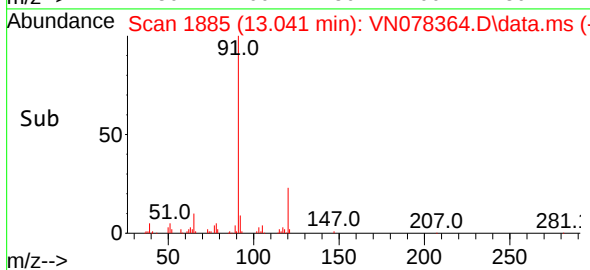
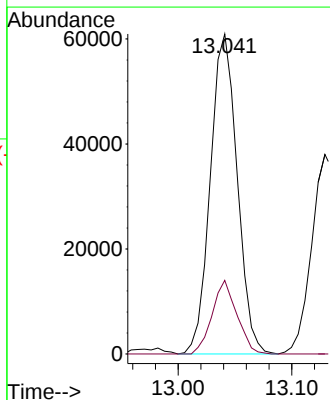
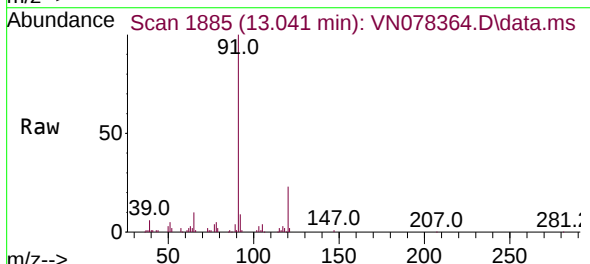
06/24/2023
Supervised By :Mahesh
Dadoda

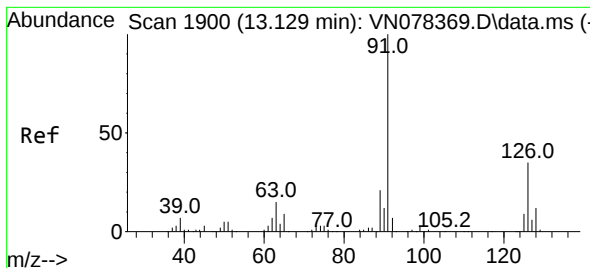
06/26/2023



#74
n-propylbenzene
Concen: 4.708 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VN078364.D
Acq: 23 Jun 2023 09:10

Tgt Ion: 91 Resp: 100252
Ion Ratio Lower Upper
91 100
120 21.1 0.0 44.6





#75
2-Chlorotoluene
Concen: 4.634 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VN078364.D
Acq: 23 Jun 2023 09:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

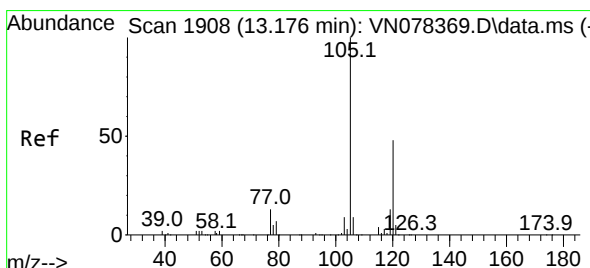
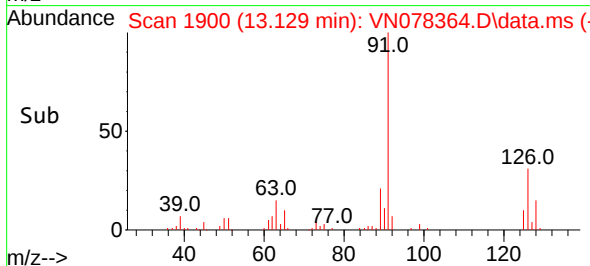
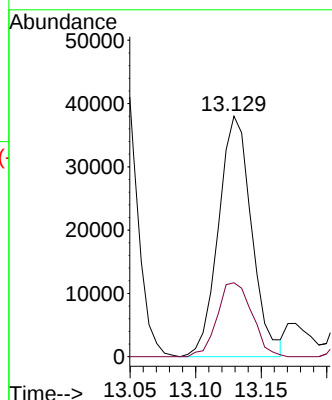
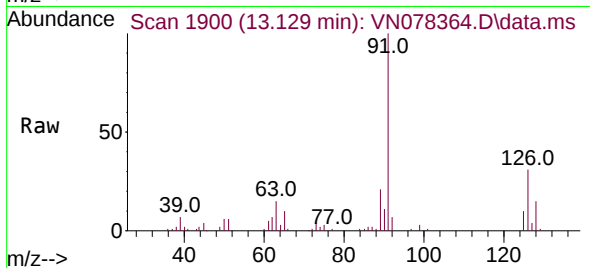
Tgt Ion: 91 Resp: 66790
Ion Ratio Lower Upper
91 100
126 32.3 0.0 67.2

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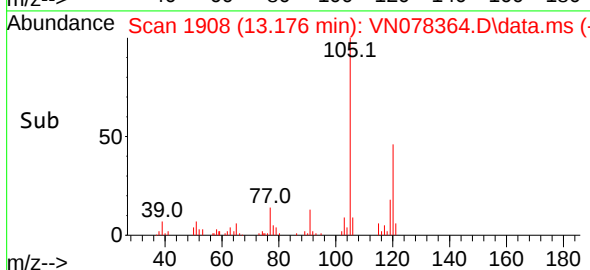
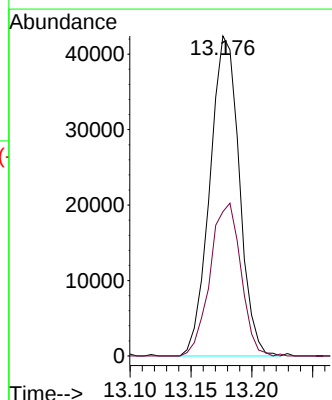
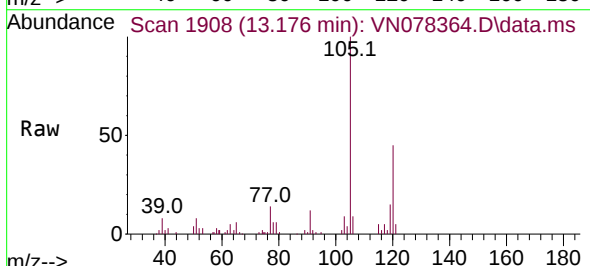
06/24/2023
Supervised By :Mahesh
Dadoda

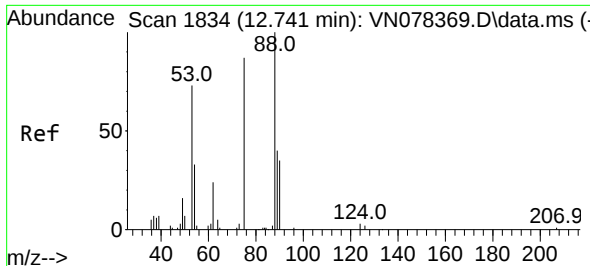
06/26/2023



#76
1,3,5-Trimethylbenzene
Concen: 4.396 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN078364.D
Acq: 23 Jun 2023 09:10

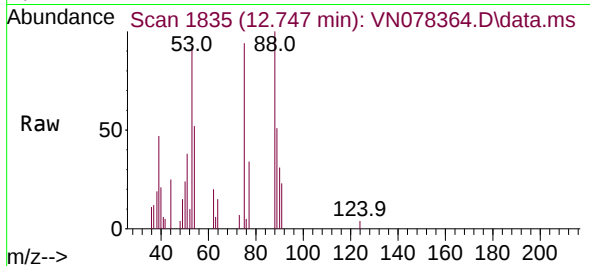
Tgt Ion:105 Resp: 71377
Ion Ratio Lower Upper
105 100
120 49.6 0.0 97.2





#77
t-1,4-Dichloro-2-butene
Concen: 4.011 ug/l
RT: 12.747 min Scan# 1834
Delta R.T. 0.006 min
Lab File: VN078364.D
Acq: 23 Jun 2023 09:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



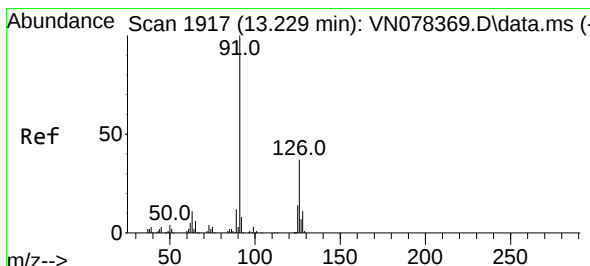
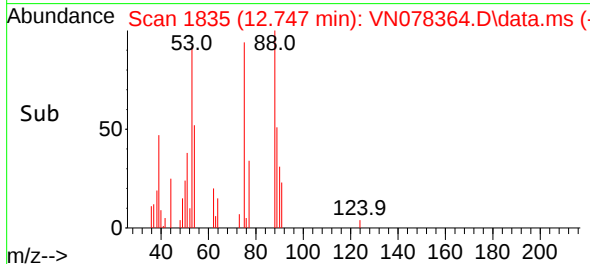
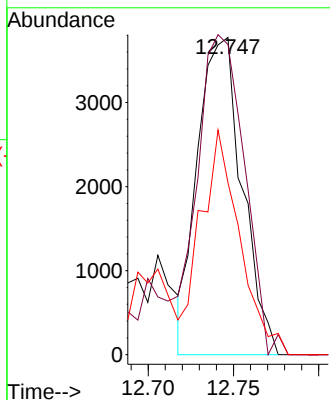
Tgt Ion: 75 Resp: 688
Ion Ratio Lower Upper
75 100
53 91.4 41.6 124.9
89 47.5 25.1 75.4

Manual Integrations
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Reviewed By :John
Carlone

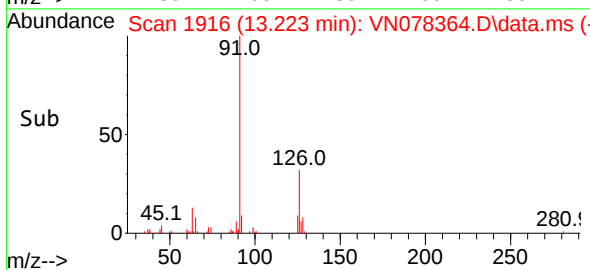
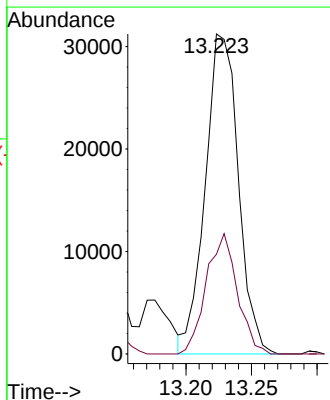
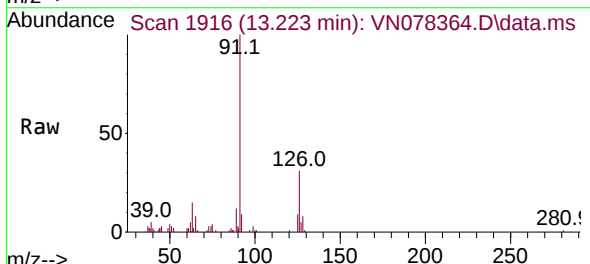
06/24/2023
Supervised By :Mahesh
Dadoda

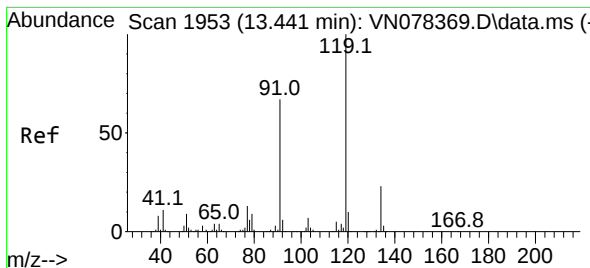
06/26/2023



#78
4-Chlorotoluene
Concen: 4.060 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.006 min
Lab File: VN078364.D
Acq: 23 Jun 2023 09:10

Tgt Ion: 91 Resp: 54766
Ion Ratio Lower Upper
91 100
126 35.3 0.0 68.8





#79
tert-butylbenzene
Concen: 4.517 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN078364.D
Acq: 23 Jun 2023 09:10

Instrument : MSVOA_N
ClientSampleId : VSTDIC005

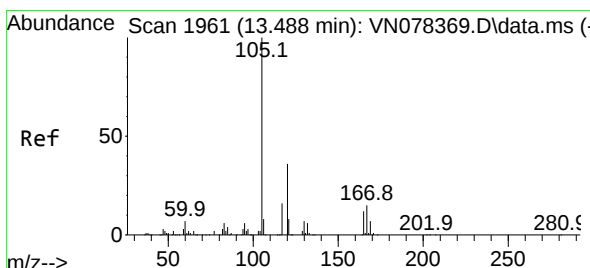
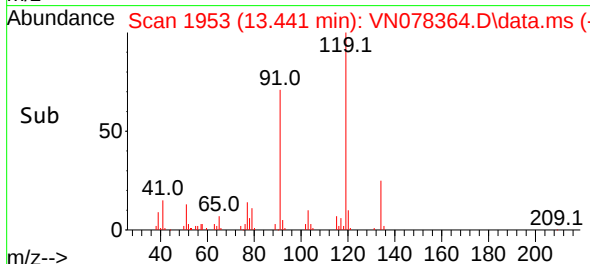
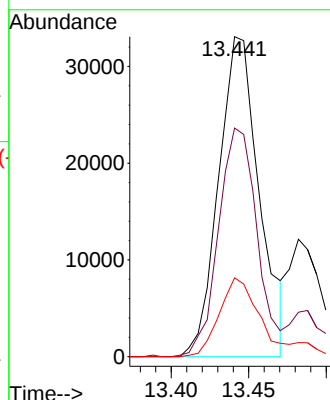
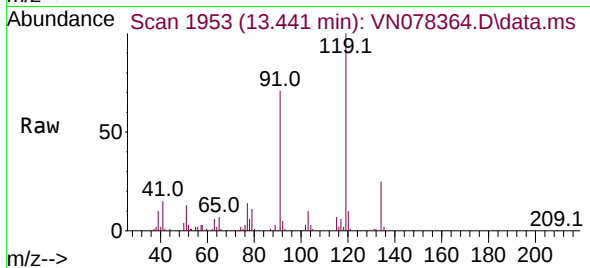
Tgt Ion:119 Resp: 60328
Ion Ratio Lower Upper
119 100
91 67.9 0.0 126.6
134 24.2 0.0 44.0

Manual Integrations
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Reviewed By :John
Carlone

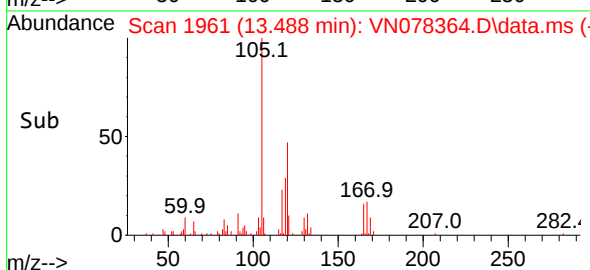
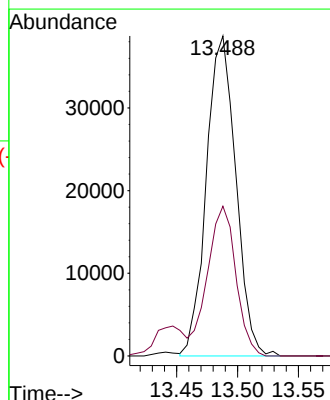
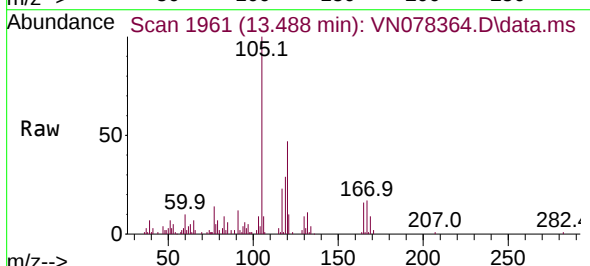
06/24/2023
Supervised By :Mahesh
Dadoda

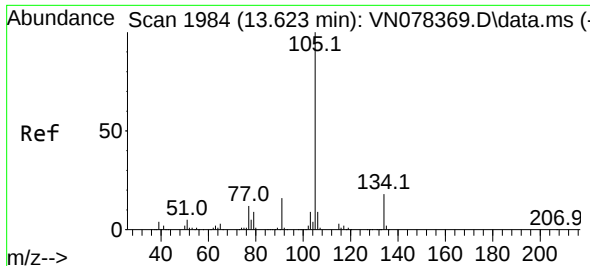
06/26/2023



#80
1,2,4-Trimethylbenzene
Concen: 4.243 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. -0.000 min
Lab File: VN078364.D
Acq: 23 Jun 2023 09:10

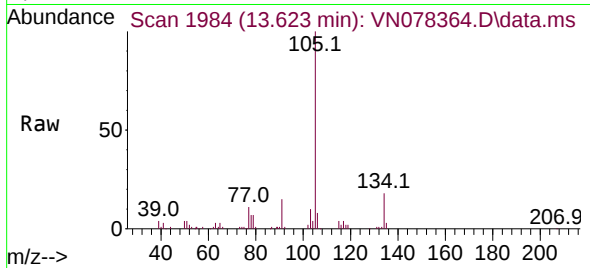
Tgt Ion:105 Resp: 65103
Ion Ratio Lower Upper
105 100
120 45.2 0.0 88.2





#81
 sec-Butylbenzene
 Concen: 4.458 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. -0.000 min
 Lab File: VN078364.D
 Acq: 23 Jun 2023 09:10

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005



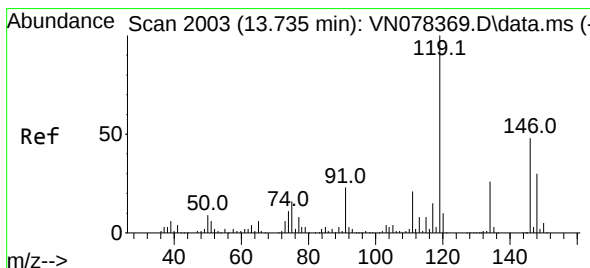
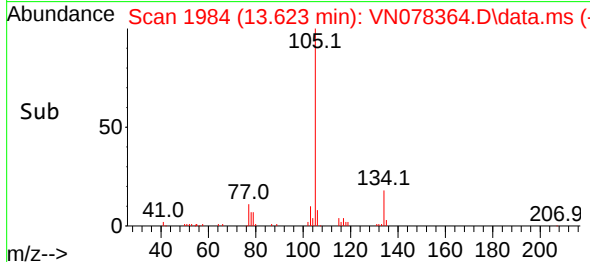
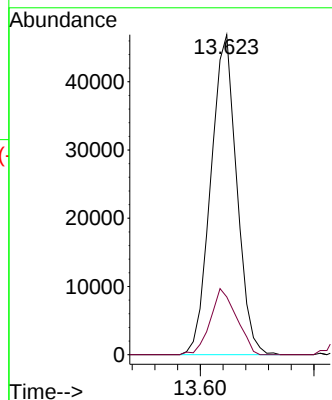
Tgt Ion:105 Resp: 74279
 Ion Ratio Lower Upper
 105 100
 134 20.9 0.0 38.6

Manual Integrations
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Reviewed By :John
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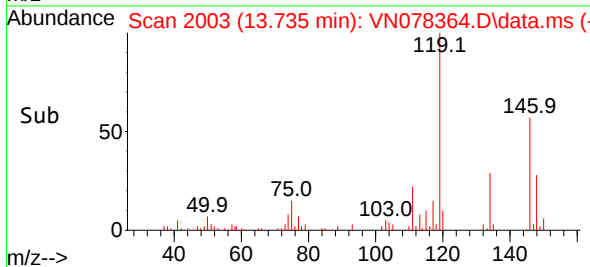
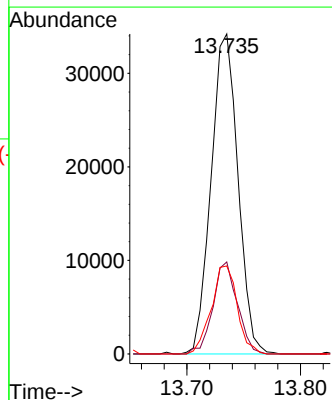
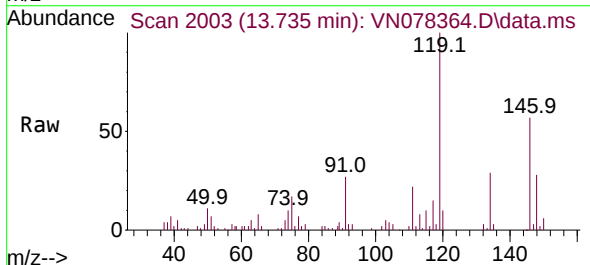
06/24/2023
 Supervised By :Mahesh
 Dadoda

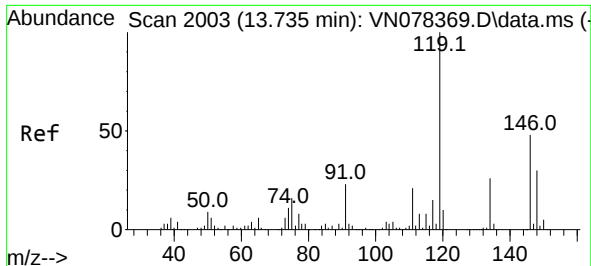
06/26/2023



#82
 p-Isopropyltoluene
 Concen: 4.198 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. -0.000 min
 Lab File: VN078364.D
 Acq: 23 Jun 2023 09:10

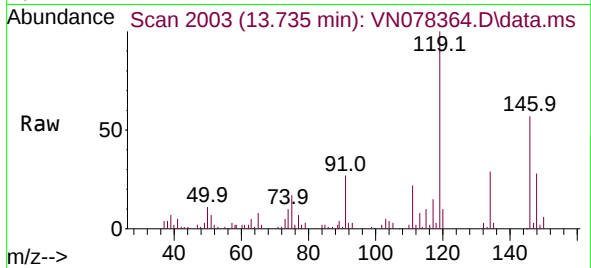
Tgt Ion:119 Resp: 56265
 Ion Ratio Lower Upper
 119 100
 134 26.1 0.0 52.4
 91 26.6 0.0 48.2





#83
1,3-Dichlorobenzene
Concen: 4.159 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.000 min
Lab File: VN078364.D
Acq: 23 Jun 2023 09:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



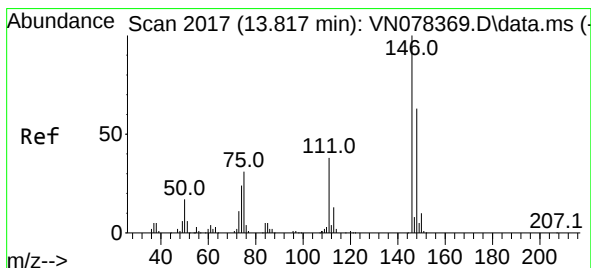
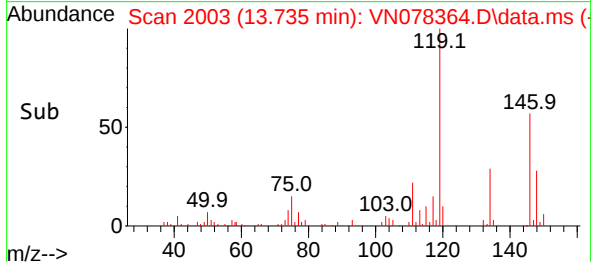
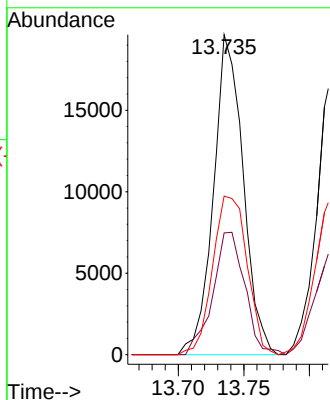
Tgt Ion:146 Resp: 30859
Ion Ratio Lower Upper
146 100
111 41.0 21.6 64.6
148 57.6 31.9 95.5

Manual Integrations
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Reviewed By :John
Carlone

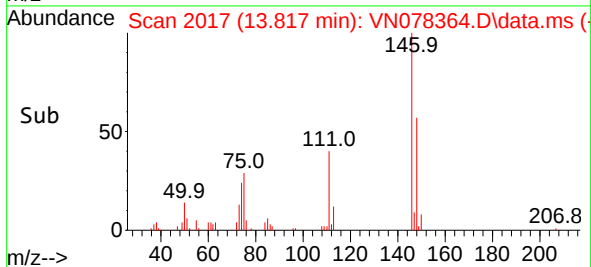
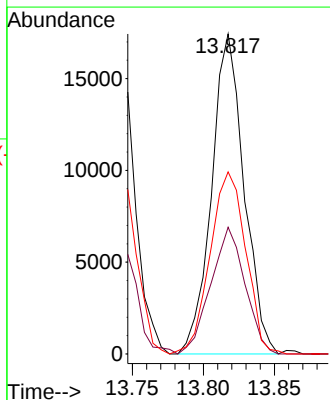
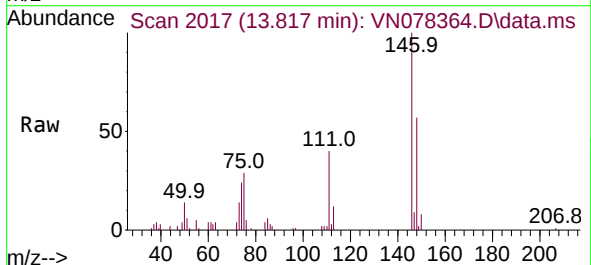
06/24/2023
Supervised By :Mahesh
Dadoda

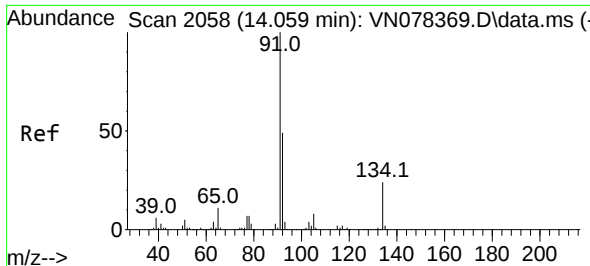
06/26/2023



#84
1,4-Dichlorobenzene
Concen: 3.862 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. -0.000 min
Lab File: VN078364.D
Acq: 23 Jun 2023 09:10

Tgt Ion:146 Resp: 27703
Ion Ratio Lower Upper
146 100
111 41.9 19.4 58.2
148 62.4 31.4 94.3





#85
n-Butylbenzene
Concen: 3.659 ug/l
RT: 14.058 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN078364.D
Acq: 23 Jun 2023 09:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

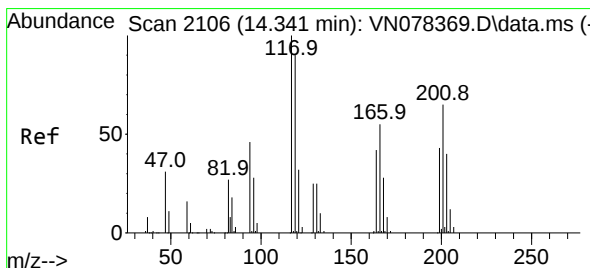
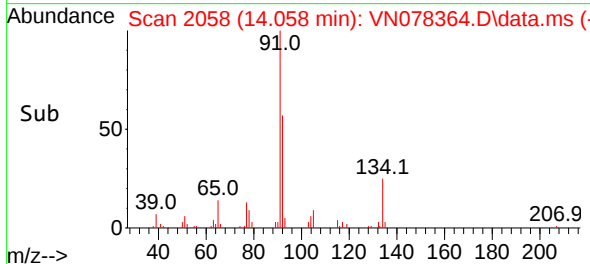
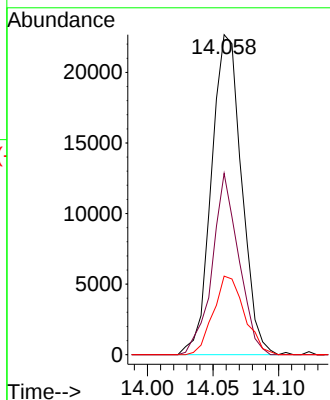
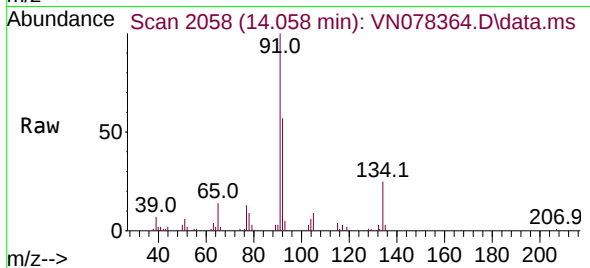
Tgt Ion: 91 Resp: 36225
Ion Ratio Lower Upper
91 100
92 49.8 0.0 99.6
134 25.3 0.0 50.0

Manual Integrations
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Reviewed By :John
Carlone

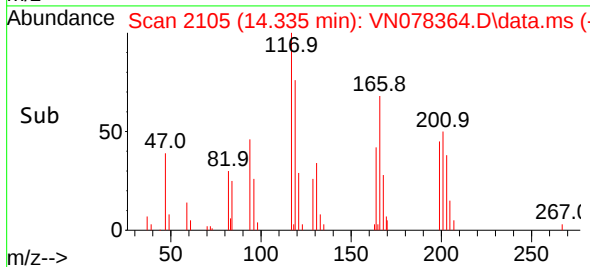
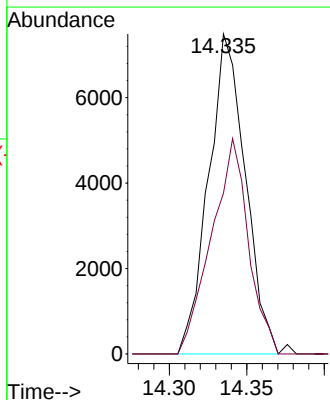
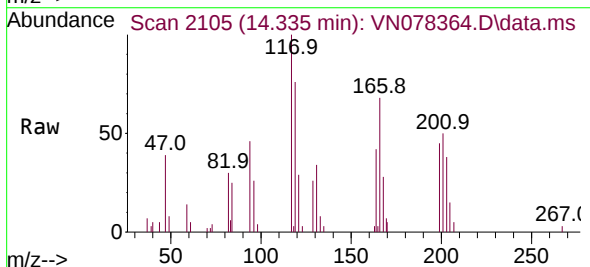
06/24/2023
Supervised By :Mahesh
Dadoda

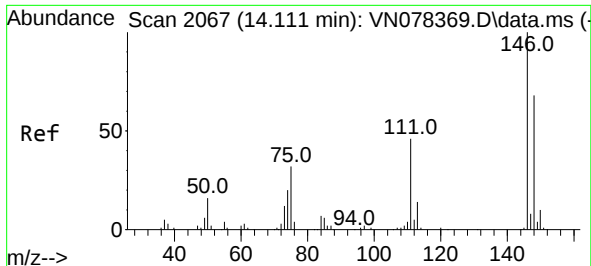
06/26/2023



#86
Hexachloroethane
Concen: 4.784 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.006 min
Lab File: VN078364.D
Acq: 23 Jun 2023 09:10

Tgt Ion:117 Resp: 12342
Ion Ratio Lower Upper
117 100
201 67.5 34.2 102.6





#87

1,2-Dichlorobenzene

Concen: 4.264 ug/l

RT: 14.111 min Scan# 2067

Delta R.T. -0.000 min

Lab File: VN078364.D

Acq: 23 Jun 2023 09:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

Tgt Ion:146 Resp: 31360

Ion	Ratio	Lower	Upper
146	100		
111	44.8	22.4	67.3
148	60.3	33.4	100.1

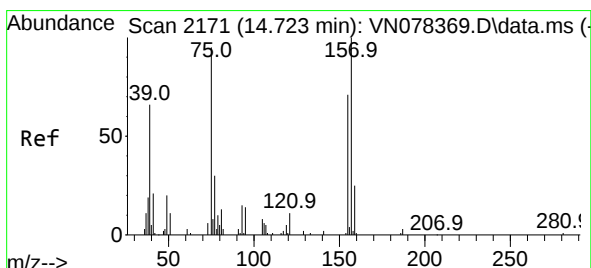
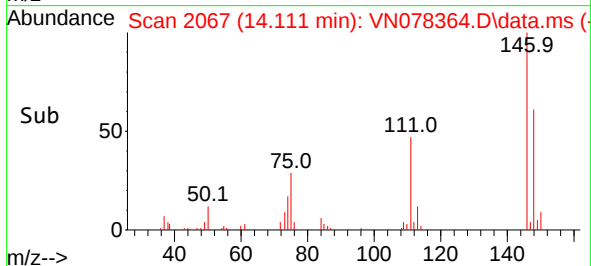
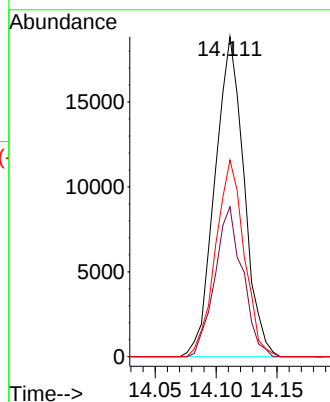
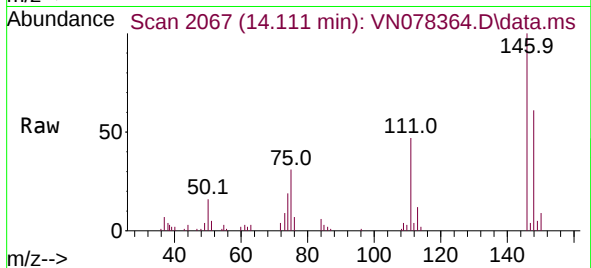
Manual Integrations
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Reviewed By :John
Carlone

06/24/2023

Supervised By :Mahesh
Dadoda

06/26/2023



#88

1,2-Dibromo-3-Chloropropane

Concen: 4.014 ug/l

RT: 14.723 min Scan# 2171

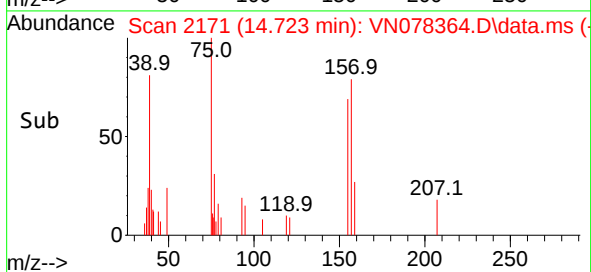
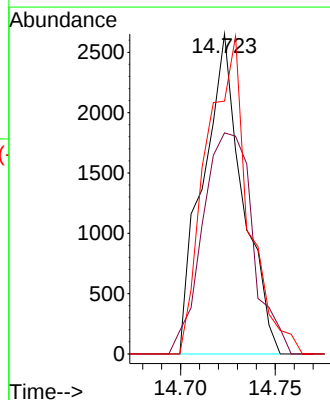
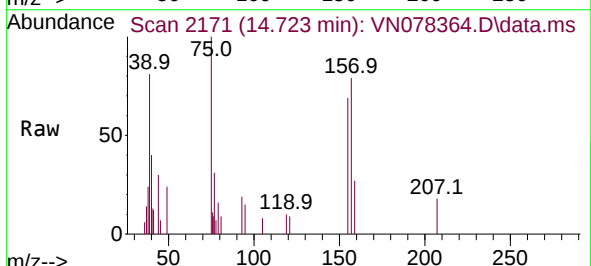
Delta R.T. -0.000 min

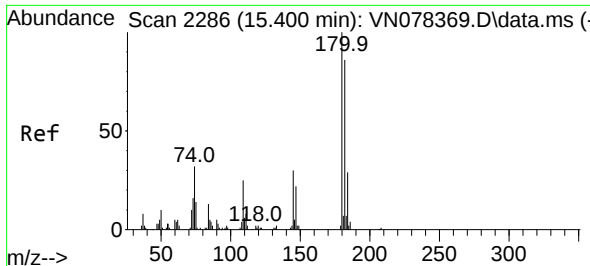
Lab File: VN078364.D

Acq: 23 Jun 2023 09:10

Tgt Ion: 75 Resp: 3851

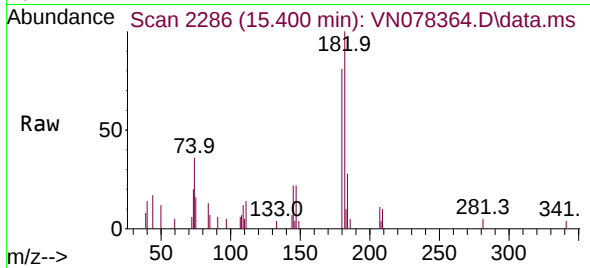
Ion	Ratio	Lower	Upper
75	100		
155	87.6	68.2	102.2
157	105.3	84.7	127.1





#89
1,2,4-Trichlorobenzene
Concen: 2.328 ug/l
RT: 15.400 min Scan# 2286
Delta R.T. -0.000 min
Lab File: VN078364.D
Acq: 23 Jun 2023 09:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



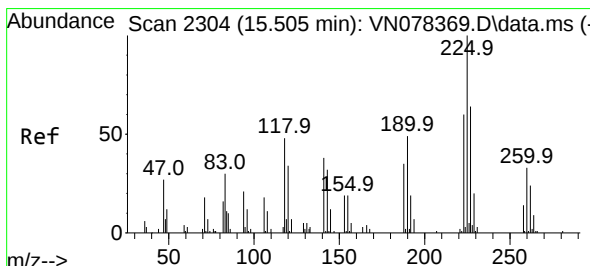
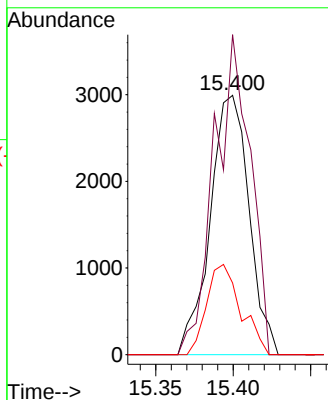
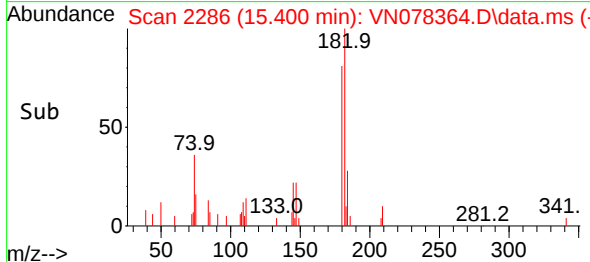
Tgt Ion:180 Resp: 522
Ion Ratio Lower Upper
180 100
182 114.0 73.7 110.5
145 30.7 25.0 37.6

Manual Integrations
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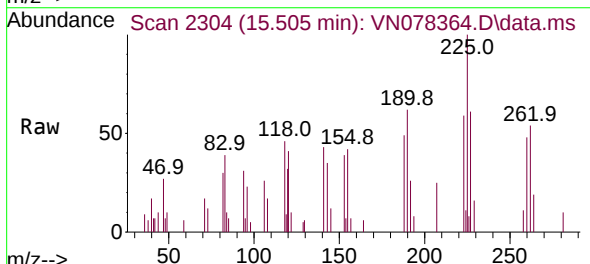
Reviewed By :John
Carlone

06/24/2023
Supervised By :Mahesh
Dadoda

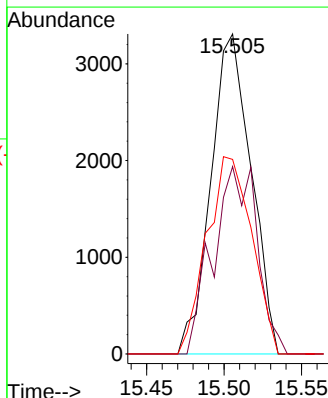
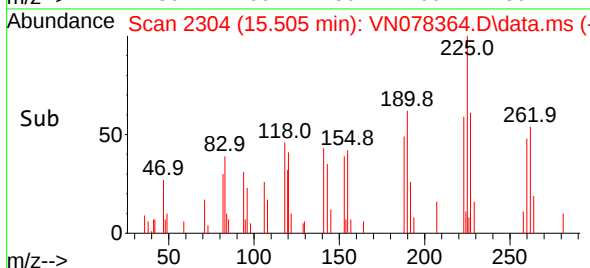
06/26/2023

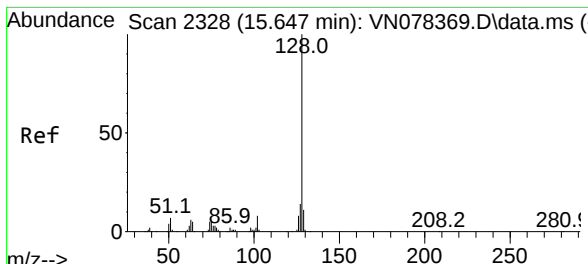


#90
Hexachlorobutadiene
Concen: 3.920 ug/l
RT: 15.505 min Scan# 2304
Delta R.T. -0.000 min
Lab File: VN078364.D
Acq: 23 Jun 2023 09:10



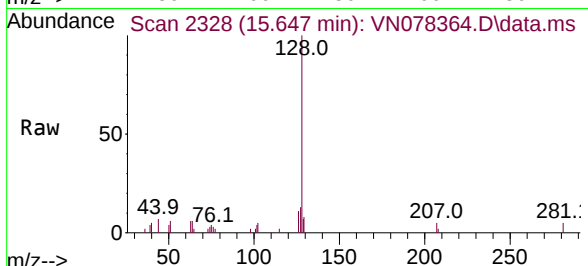
Tgt Ion:225 Resp: 5977
Ion Ratio Lower Upper
225 100
223 44.2 0.0 130.0
227 68.8 0.0 124.0





#91
Naphthalene
Concen: 2.637 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. -0.000 min
Lab File: VN078364.D
Acq: 23 Jun 2023 09:10

Instrument : MSVOA_N
ClientSampleId : VSTDIC005



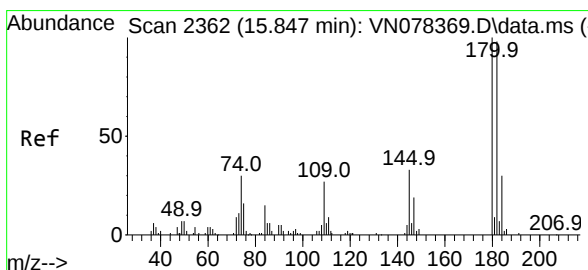
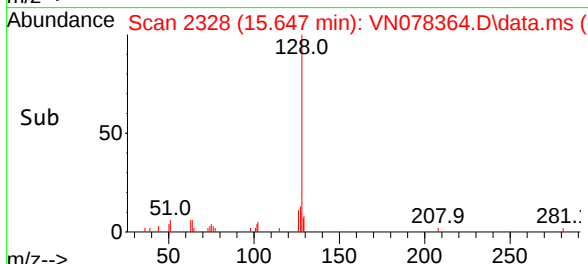
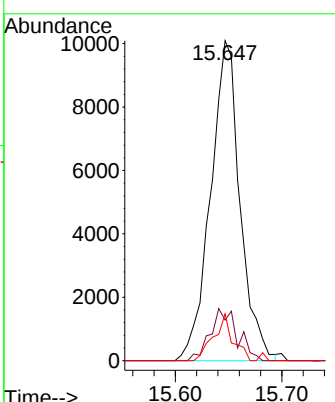
Tgt Ion:	128	Resp:	19380
Ion Ratio	Lower	Upper	
128	100		
127	12.6	10.2	15.2
129	8.8	9.0	13.4

Manual Integrations
APPROVED

Reviewed By :John
Carlone

06/24/2023
Supervised By :Mahesh
Dadoda

06/26/2023



#92
1,2,3-Trichlorobenzene
Concen: 2.753 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.006 min
Lab File: VN078364.D
Acq: 23 Jun 2023 09:10

Tgt Ion:	180	Resp:	7143
Ion Ratio	Lower	Upper	
180	100		
182	104.4	0.0	196.4
145	17.6	0.0	71.0

