

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092223\
 Data File : VN079329.D
 Acq On : 22 Sep 2023 10:14
 Operator : JC\MD
 Sample : VN0922WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0922WBSD01

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

Quant Time: Sep 23 00:39:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090723W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Sep 08 05:09:17 2023
 Response via : Initial Calibration

09/25/2023
 Supervised By :Mahesh
 Dadoda

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

Internal Standards							
1) Bromochloromethane	7.818	128	36390	30.000	ug/l	0.00	
28) 1,4-Difluorobenzene	9.106	114	193733	30.000	ug/l	0.00	
57) Chlorobenzene-d5	11.870	117	187645	30.000	ug/l	0.00	
System Monitoring Compounds							
27) 1,2-Dichloroethane-d4	8.582	65	89687	32.804	ug/l	0.00	
Spiked Amount	30.000	Range	91 - 110	Recovery	= 109.333%		
60) 4-Bromofluorobenzene	12.853	95	89888	32.511	ug/l	0.00	
Spiked Amount	30.000	Range	63 - 112	Recovery	= 108.367%		
63) Toluene-d8	10.570	98	258984	29.533	ug/l	0.00	
Spiked Amount	30.000	Range	91 - 112	Recovery	= 98.433%		
Target Compounds							
					Qvalue		
2) Dichlorodifluoromethane	2.130	85	46004	22.667	ug/l	98	
3) Chloromethane	2.365	50	56224	27.627	ug/l	96	
4) Vinyl Chloride	2.518	62	65966	32.763	ug/l	89	
5) Bromomethane	2.959	94	35393	28.641	ug/l	95	
6) Chloroethane	3.124	64	44915	36.425	ug/l	94	
7) Trichlorofluoromethane	3.500	101	77413	32.295	ug/l	95	
8) Diethyl Ether	3.965	74	27232	30.984	ug/l	90	
9) 1,1,2-Trichlorotrifluo...	4.371	101	43507	32.935	ug/l	92	
10) 1,1-Dichloroethene	4.347	96	39741	31.049	ug/l	95	
11) Methyl Iodide	4.589	142	43829	27.184	ug/l	98	
12) Methyl Acetate	5.030	43	93097	31.211	ug/l	93	
13) Acrolein	4.189	56	38970	143.447	ug/l	98	
14) Acrylonitrile	5.724	53	120168	137.318	ug/l	98	
15) Acetone	4.436	58	38517	168.724	ug/l	79	
16) Carbon Disulfide	4.712	76	110660	29.259	ug/l	95	
17) Allyl chloride	5.030	41	61997	30.144	ug/l	93	
18) Methylene Chloride	5.277	84	51443	29.966	ug/l	86	
19) trans-1,2-Dichloroethene	5.794	96	44485	27.779	ug/l	92	
20) Diisopropyl ether	6.677	45	159704	26.010	ug/l #	87	
21) 1,1-Dichloroethane	6.571	63	94112	26.164	ug/l	95	
22) cis-1,2-Dichloroethene	7.494	96	54270	21.670	ug/l	94	
23) tert-Butyl Alcohol	5.524	59	38651	114.811	ug/l #	100	
24) Methyl tert-Butyl Ether	5.800	73	139747	27.664	ug/l	93	
25) Chloroform	7.971	83	95457	22.008	ug/l	95	
26) Cyclohexane	8.265	56	68738	21.074	ug/l #	99	
29) 1,1-Dichloropropene	8.377	75	66304	21.346	ug/l	99	
30) 2-Butanone	7.488	43	167759	107.378	ug/l	97	
31) 2,2-Dichloropropane	7.500	77	75139	24.252	ug/l	99	
32) 1,1,1-Trichloroethane	8.171	97	81563	22.288	ug/l	95	
33) Carbon Tetrachloride	8.365	117	69282	22.040	ug/l	97	
34) Benzene	8.612	78	205906	20.864	ug/l	98	
35) Methacrylonitrile	7.788	41	37190	22.108	ug/l	94	
36) 1,2-Dichloroethane	8.676	62	73920	22.712	ug/l	95	
37) Trichloroethene	9.359	130	47297	20.276	ug/l	95	
38) Methylcyclohexane	9.606	83	63613	20.486	ug/l	99	
39) 1,2-Dichloropropane	9.629	63	54787	21.522	ug/l	96	
40) Dibromomethane	9.712	93	35778	21.312	ug/l	94	
41) Bromodichloromethane	9.894	83	74433	22.242	ug/l	95	
42) Vinyl Acetate	6.612	43	457692	123.356	ug/l	96	

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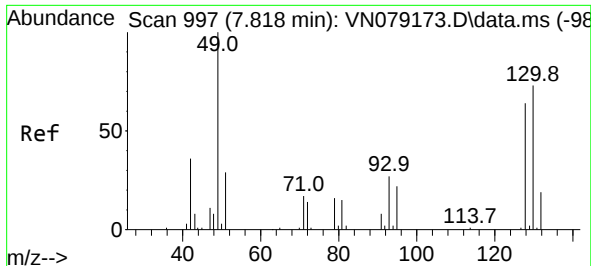
Reviewed By :John
 Carlone

09/25/2023
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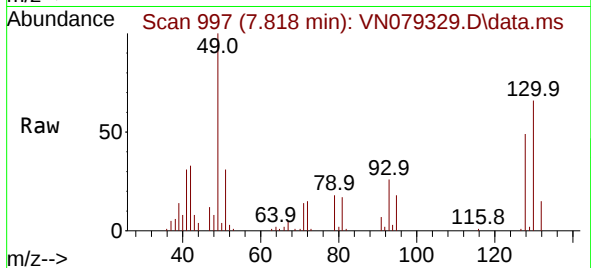
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.559	43	68409	23.055	ug/l	97
44) Isopropyl Acetate	8.694	43	115042	21.553	ug/l	96
45) 1,4-Dioxane	9.700	88	17865	336.249	ug/l	95
46) Methyl methacrylate	9.688	41	50170	21.038	ug/l	84
47) n-amyl Acetate	12.500	43	88103	23.470	ug/l	99
48) t-1,3-Dichloropropene	10.841	75	72230	19.950	ug/l	92
49) cis-1,3-Dichloropropene	10.318	75	81222	21.507	ug/l #	91
50) 1,1,2-Trichloroethane	11.018	97	50561	21.469	ug/l	97
51) Ethyl methacrylate	10.882	69	67316m	18.508	ug/l	
52) 1,3-Dichloropropane	11.170	76	86529	21.521	ug/l	99
53) Dibromochloromethane	11.359	129	51840	20.987	ug/l	99
54) 1,2-Dibromoethane	11.476	107	47322	19.787	ug/l	99
55) 2-Chloroethyl vinyl ether	10.165	63	111390	86.190	ug/l	99
56) Bromoform	12.582	173	38530	22.386	ug/l	97
58) 4-Methyl-2-Pentanone	10.447	43	336711	97.785	ug/l	95
59) 2-Hexanone	11.200	43	241901	100.031	ug/l	94
61) Tetrachloroethene	11.112	164	38093	18.657	ug/l	94
62) Toluene	10.635	91	220784	20.208	ug/l	98
64) Chlorobenzene	11.894	112	133258	20.907	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.964	131	51852	21.249	ug/l	98
66) Ethyl Benzene	11.970	91	236488	21.498	ug/l	100
67) m/p-Xylenes	12.076	106	180804	43.681	ug/l	98
68) o-Xylene	12.406	106	88240	22.105	ug/l	97
69) Styrene	12.417	104	144185	22.646	ug/l	98
70) Isopropylbenzene	12.700	105	230659	22.732	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.941	83	79890	21.047	ug/l	100
72) 1,2,3-Trichloropropane	13.000	75	63765m	19.966	ug/l	
73) Bromobenzene	12.988	156	52152	20.576	ug/l	93
74) n-propylbenzene	13.041	91	273140	23.626	ug/l	100
75) 2-Chlorotoluene	13.129	91	166427	22.450	ug/l	99
76) 1,3,5-Trimethylbenzene	13.176	105	196797	23.457	ug/l	100
77) t-1,4-Dichloro-2-butene	12.741	75	22774	20.254	ug/l	77
78) 4-Chlorotoluene	13.223	91	160585	22.941	ug/l	97
79) tert-butylbenzene	13.441	119	165319	24.006	ug/l	98
80) 1,2,4-Trimethylbenzene	13.488	105	191557	23.908	ug/l	99
81) sec-Butylbenzene	13.617	105	222306	23.594	ug/l	100
82) p-Isopropyltoluene	13.735	119	180186	24.210	ug/l	98
83) 1,3-Dichlorobenzene	13.735	146	91772	22.799	ug/l	98
84) 1,4-Dichlorobenzene	13.817	146	87191	23.096	ug/l	98
85) n-Butylbenzene	14.058	91	135810	23.958	ug/l	99
86) Hexachloroethane	14.335	117	36890	25.034	ug/l	93
87) 1,2-Dichlorobenzene	14.111	146	92592	23.309	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.723	75	11501	17.926	ug/l	85
89) 1,2,4-Trichlorobenzene	15.847	180	28680	16.872	ug/l	98
90) Hexachlorobutadiene	15.505	225	20120	19.486	ug/l	97
91) Naphthalene	15.647	128	64894	14.609	ug/l	99
92) 1,2,3-Trichlorobenzene	15.847	180	28680	16.872	ug/l	98

(#) = 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: VN079329.D
Acq: 22 Sep 2023 10:14

Instrument :
MSVOA_N
ClientSampleId :
VN0922WBSD01



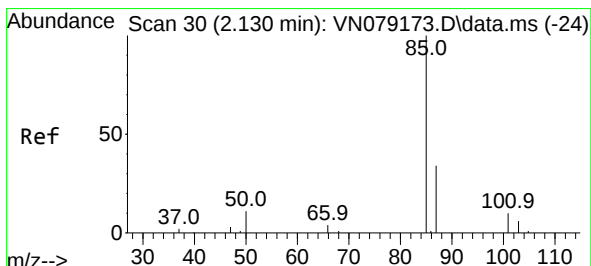
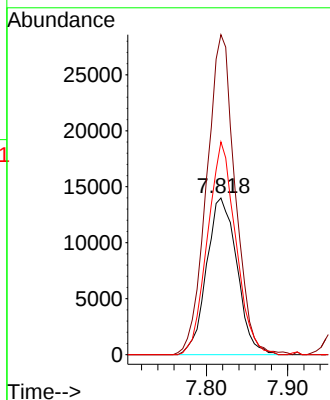
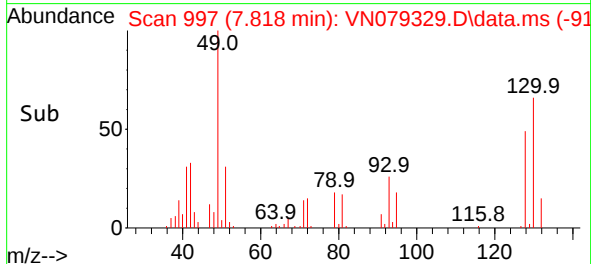
Tgt Ion:128 Resp: 36390
Ion Ratio Lower Upper
128 100
49 192.2 0.0 414.3
130 126.8 0.0 311.0

Manual Integrations
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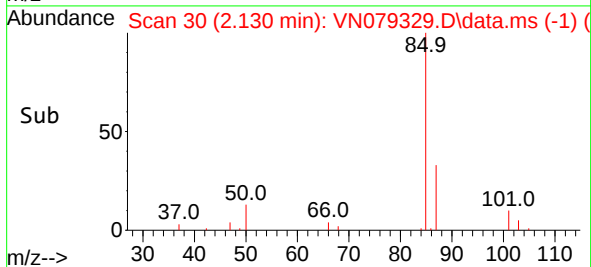
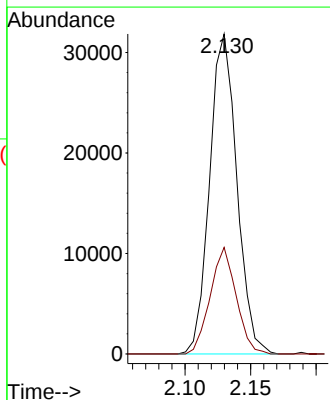
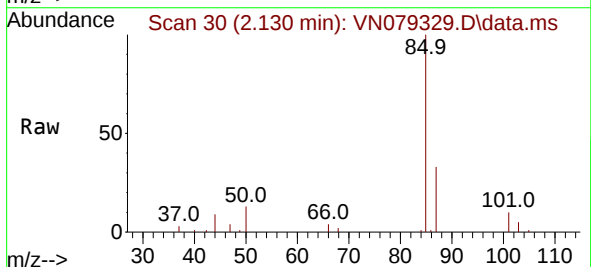
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Supervised By :Mahesh
Dadoda

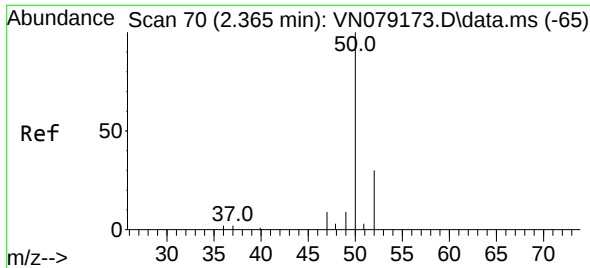
09/25/2023



#2
Dichlorodifluoromethane
Concen: 22.667 ug/l
RT: 2.130 min Scan# 30
Delta R.T. -0.000 min
Lab File: VN079329.D
Acq: 22 Sep 2023 10:14

Tgt Ion: 85 Resp: 46004
Ion Ratio Lower Upper
85 100
87 33.3 17.3 51.7





#3
Chloromethane
Concen: 27.627 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.000 min
Lab File: VN079329.D
Acq: 22 Sep 2023 10:14

Instrument :
MSVOA_N
ClientSampleId :
VN0922WBSD01

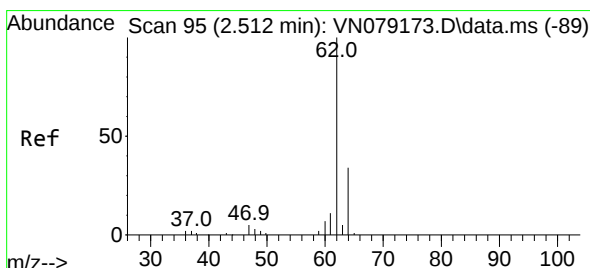
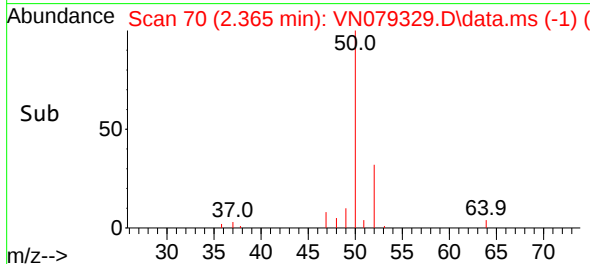
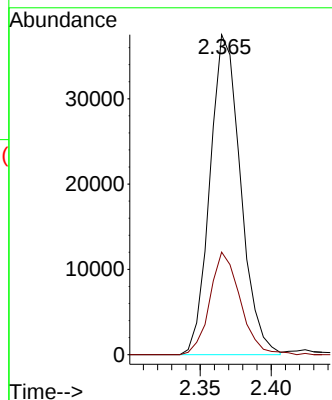
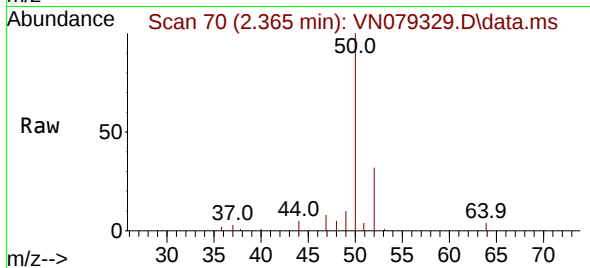
Tgt Ion: 50 Resp: 56224
Ion Ratio Lower Upper
50 100
52 32.1 24.0 36.0

Manual Integrations
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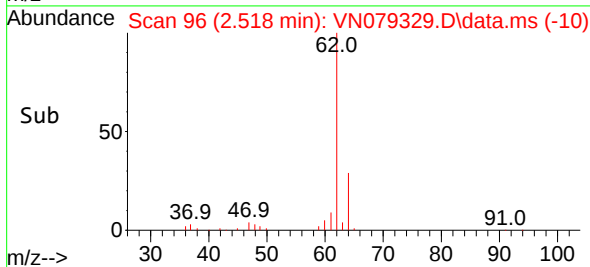
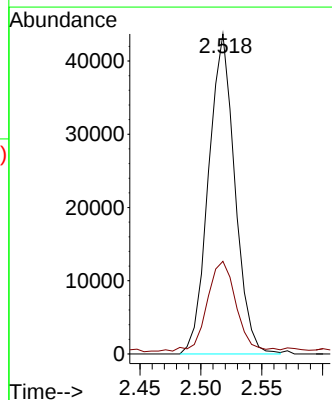
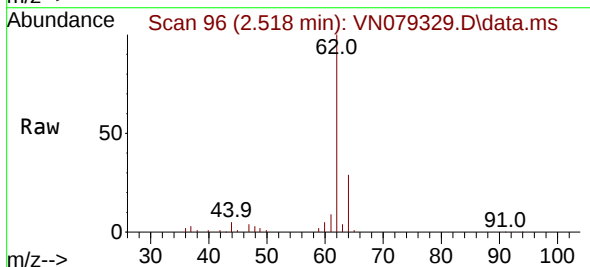
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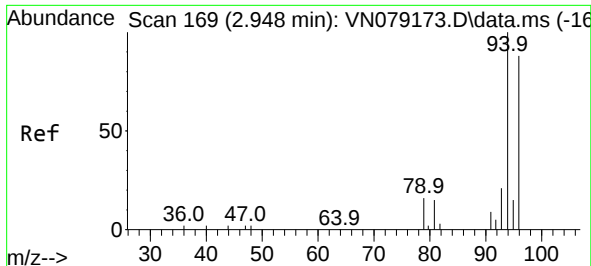
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#4
Vinyl Chloride
Concen: 32.763 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN079329.D
Acq: 22 Sep 2023 10:14

Tgt Ion: 62 Resp: 65966
Ion Ratio Lower Upper
62 100
64 27.7 27.1 40.7





#5
Bromomethane
Concen: 28.641 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.011 min
Lab File: VN079329.D
Acq: 22 Sep 2023 10:14

Instrument :
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ClientSampleId :
VN0922WBSD01

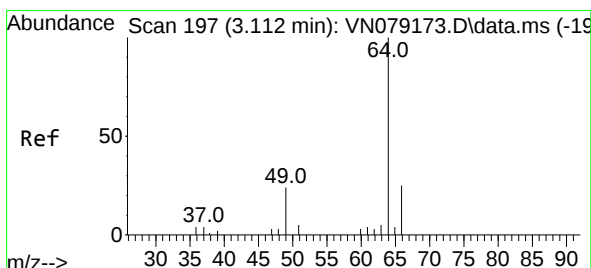
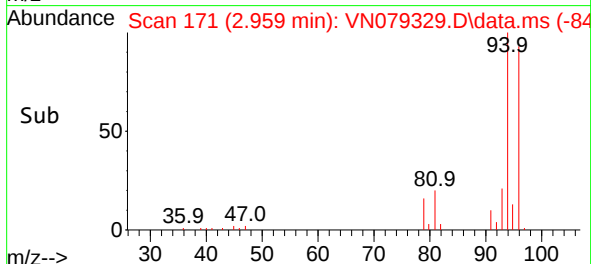
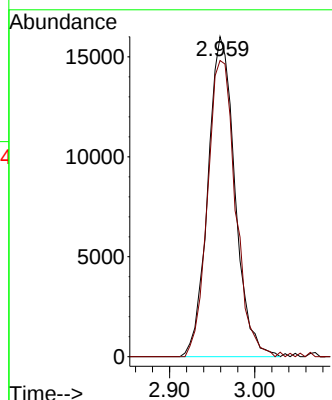
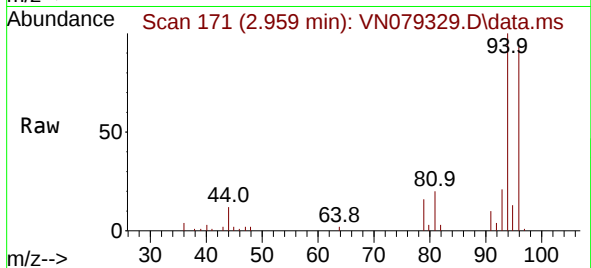
Tgt Ion: 94 Resp: 3539
Ion Ratio Lower Upper
94 100
96 92.5 70.6 105.8

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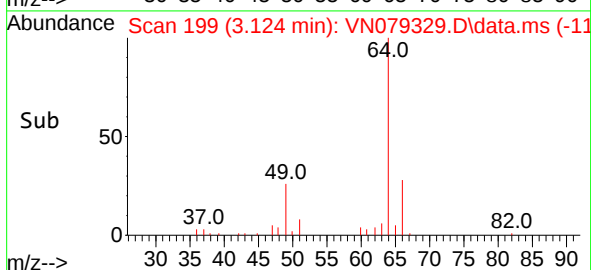
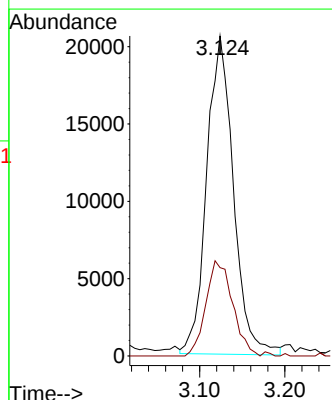
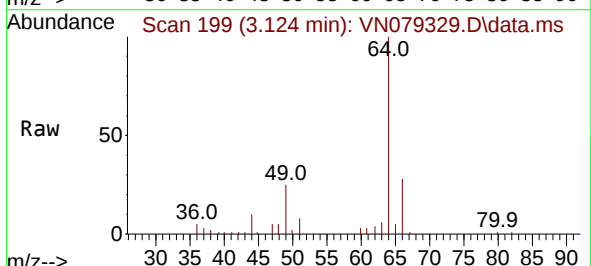
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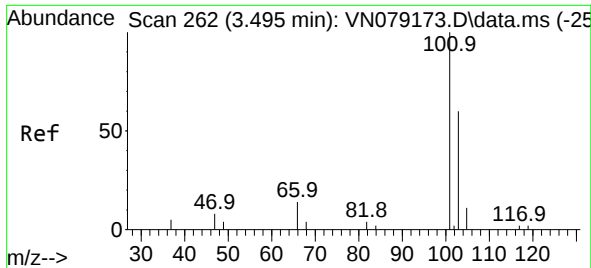
09/25/2023



#6
Chloroethane
Concen: 36.425 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.012 min
Lab File: VN079329.D
Acq: 22 Sep 2023 10:14

Tgt Ion: 64 Resp: 44915
Ion Ratio Lower Upper
64 100
66 28.2 20.1 30.1





#7
 Trichlorofluoromethane
 Concen: 32.295 ug/l
 RT: 3.500 min Scan# 20
 Delta R.T. 0.005 min
 Lab File: VN079329.D
 Acq: 22 Sep 2023 10:14

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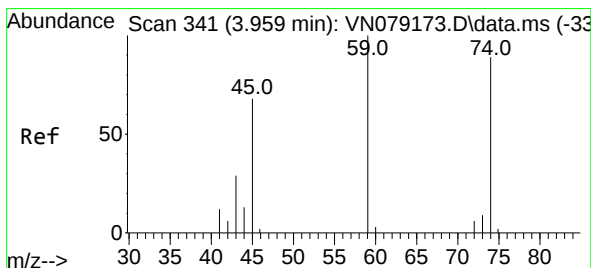
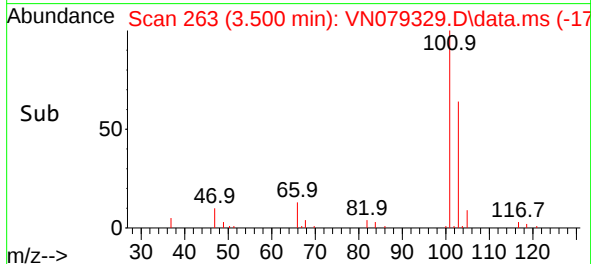
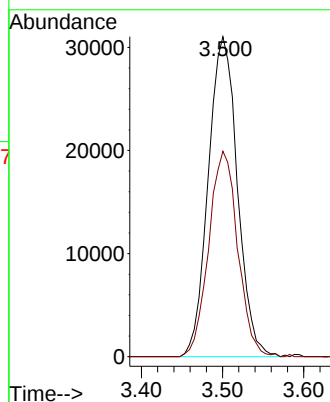
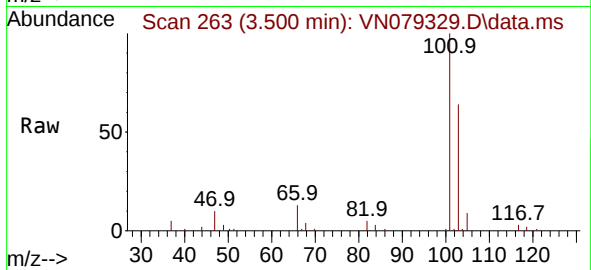
Tgt Ion:101 Resp: 7741
 Ion Ratio Lower Upper
 101 100
 103 64.2 48.2 72.4

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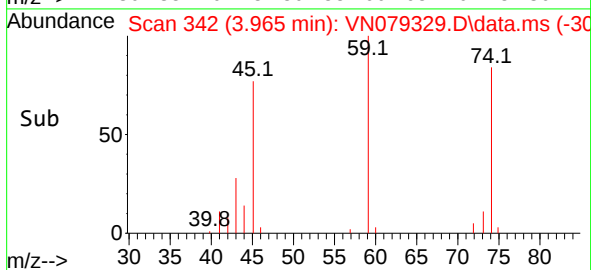
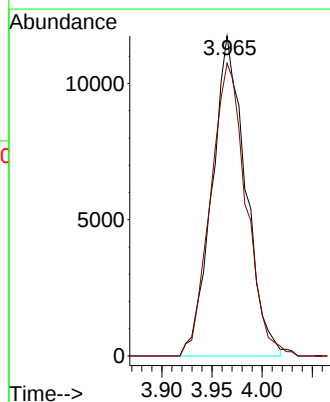
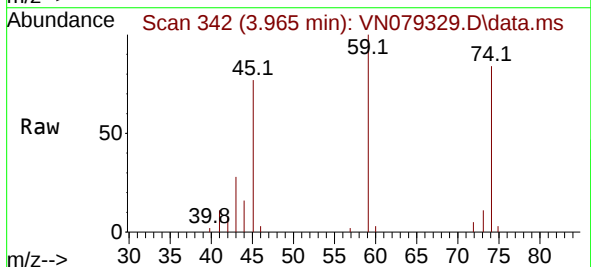
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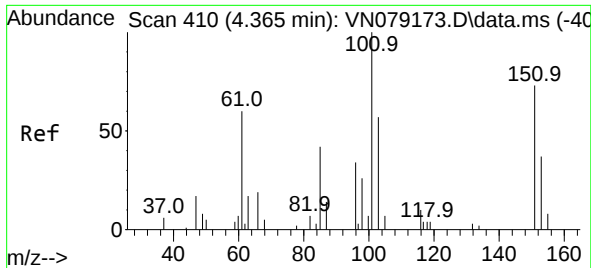
09/25/2023



#8
 Diethyl Ether
 Concen: 30.984 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. 0.006 min
 Lab File: VN079329.D
 Acq: 22 Sep 2023 10:14

Tgt Ion: 74 Resp: 27232
 Ion Ratio Lower Upper
 74 100
 45 97.2 17.6 158.0





#9
1,1,2-Trichlorotrifluoroethane
Concen: 32.935 ug/l
RT: 4.371 min Scan# 410
Delta R.T. 0.006 min
Lab File: VN079329.D
Acq: 22 Sep 2023 10:14

Instrument :
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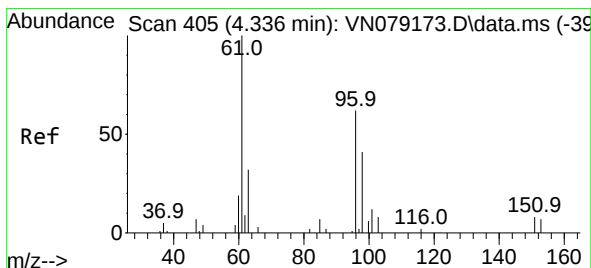
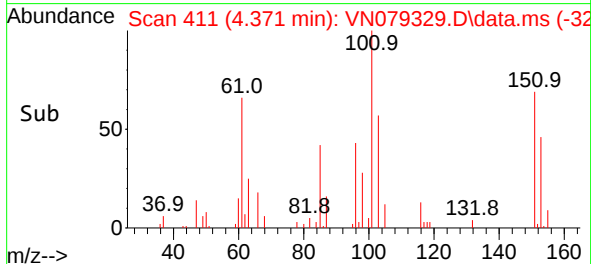
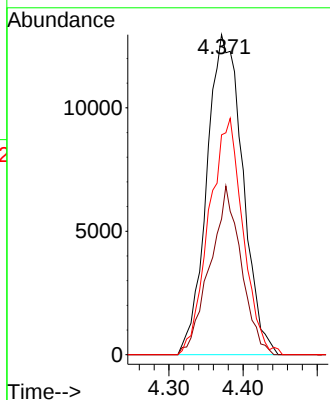
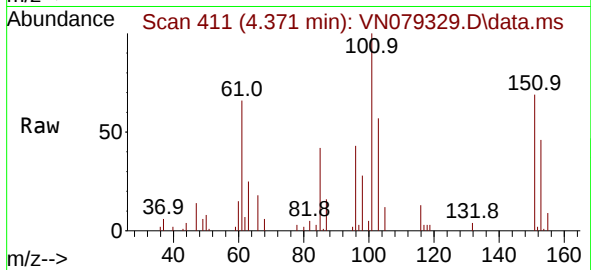
Tgt Ion:101 Resp: 4350
Ion Ratio Lower Upper
101 100
85 45.8 0.0 85.6
151 69.6 0.0 155.8

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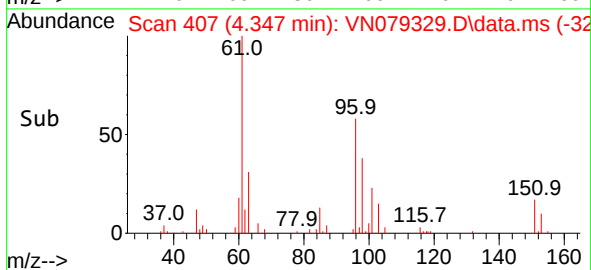
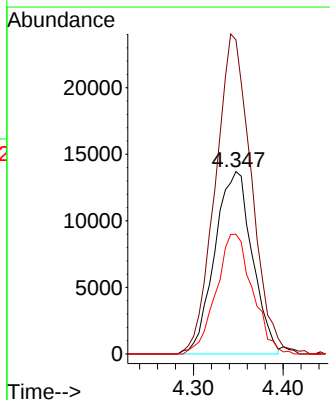
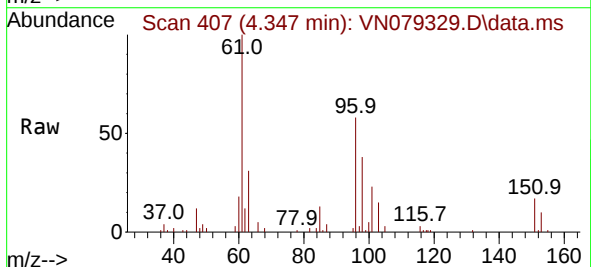
09/25/2023
Supervised By :Mahesh
Dadoda

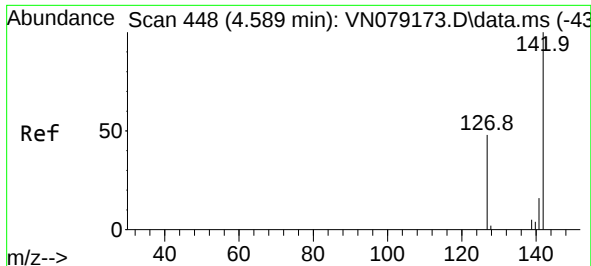
09/25/2023



#10
1,1-Dichloroethene
Concen: 31.049 ug/l
RT: 4.347 min Scan# 407
Delta R.T. 0.011 min
Lab File: VN079329.D
Acq: 22 Sep 2023 10:14

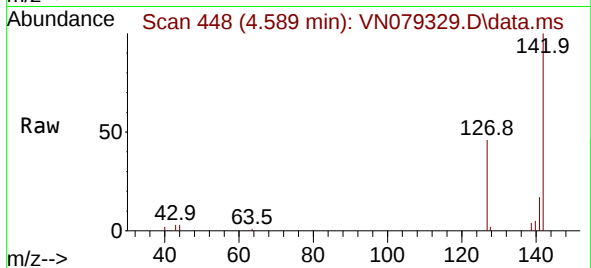
Tgt Ion: 96 Resp: 39741
Ion Ratio Lower Upper
96 100
61 172.1 130.2 195.2
98 65.6 52.3 78.5





#11
Methyl Iodide
Concen: 27.184 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.000 min
Lab File: VN079329.D
Acq: 22 Sep 2023 10:14

Instrument :
MSVOA_N
ClientSampleId :
VN0922WBSD01



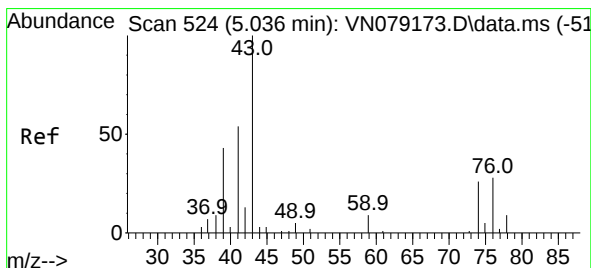
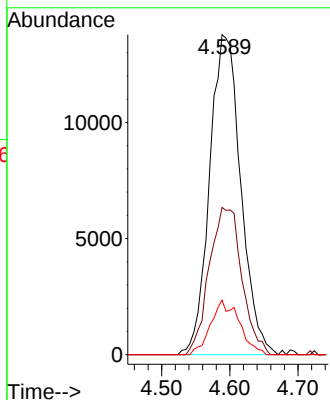
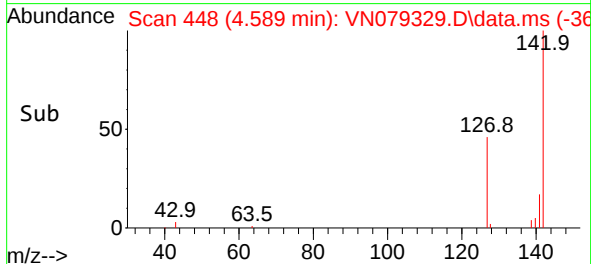
Tgt Ion:142 Resp: 43829
Ion Ratio Lower Upper
142 100
127 46.0 23.8 71.4
141 17.1 8.2 24.6

Manual Integrations
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Reviewed By :John
Carlone

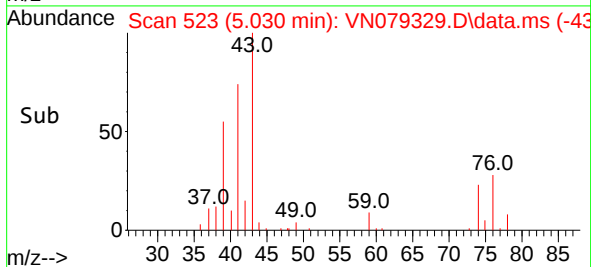
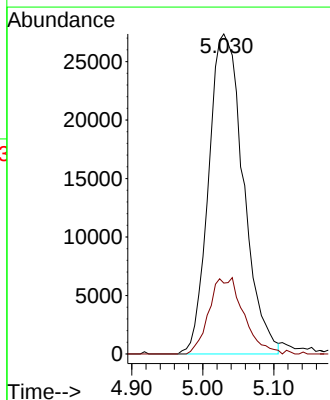
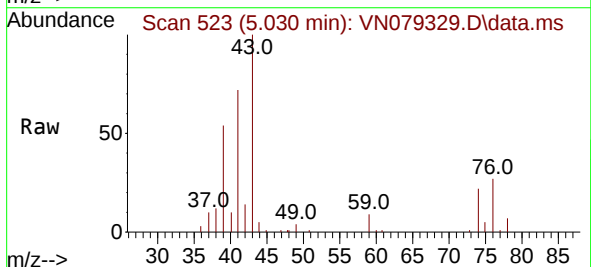
09/25/2023
Supervised By :Mahesh
Dadoda

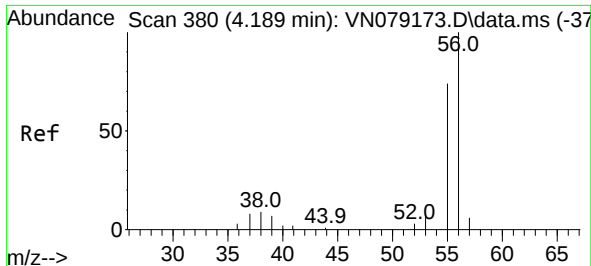
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#12
Methyl Acetate
Concen: 31.211 ug/l
RT: 5.030 min Scan# 523
Delta R.T. -0.006 min
Lab File: VN079329.D
Acq: 22 Sep 2023 10:14

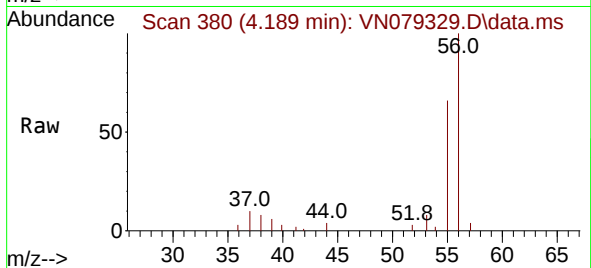
Tgt Ion: 43 Resp: 93097
Ion Ratio Lower Upper
43 100
74 21.9 20.4 30.6





#13
Acrolein
Concen: 143.447 ug/l
RT: 4.189 min Scan# 380
Delta R.T. -0.000 min
Lab File: VN079329.D
Acq: 22 Sep 2023 10:14

Instrument :
MSVOA_N
ClientSampleId :
VN0922WBSD01



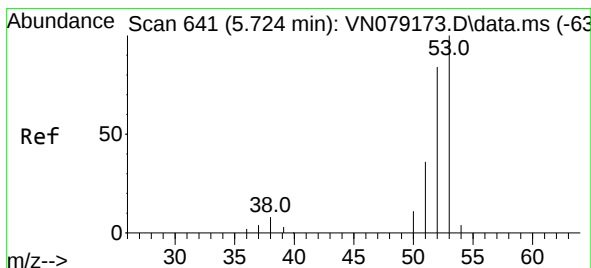
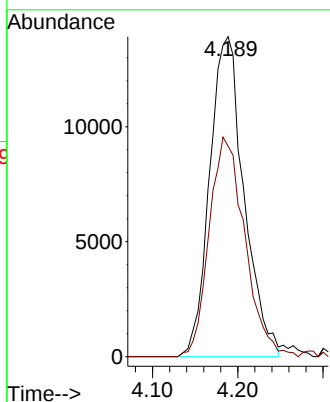
Tgt Ion: 56 Resp: 38970
Ion Ratio Lower Upper
56 100
55 70.6 57.7 86.5

Manual Integrations
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Reviewed By :John
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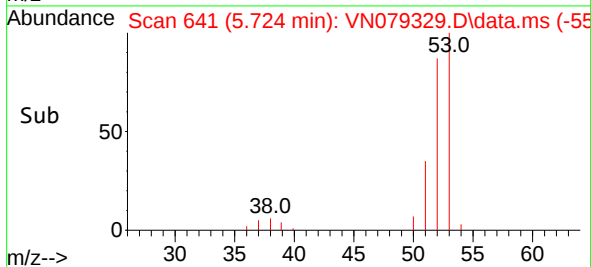
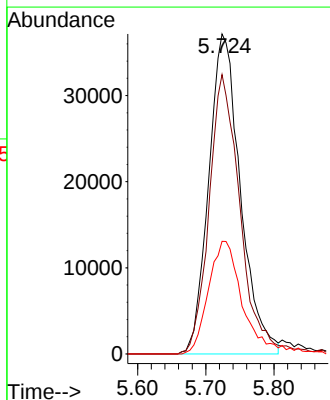
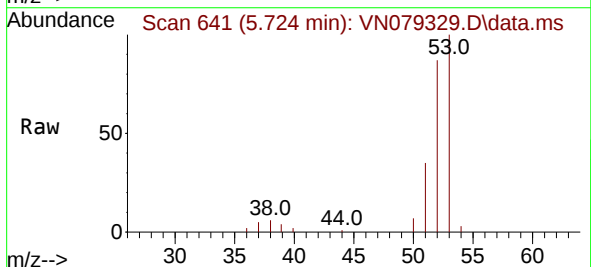
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Supervised By :Mahesh
Dadoda

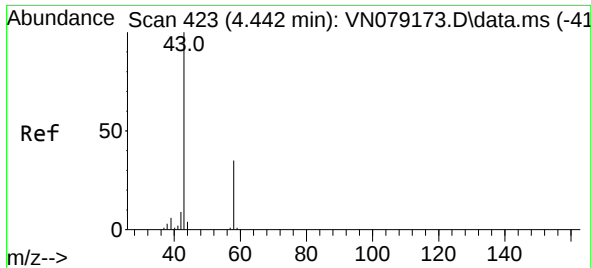
09/25/2023



#14
Acrylonitrile
Concen: 137.318 ug/l
RT: 5.724 min Scan# 641
Delta R.T. -0.000 min
Lab File: VN079329.D
Acq: 22 Sep 2023 10:14

Tgt Ion: 53 Resp: 120168
Ion Ratio Lower Upper
53 100
52 84.3 41.4 124.4
51 36.1 17.3 51.9





#15

Acetone

Concen: 168.724 ug/l

RT: 4.436 min Scan# 41

Delta R.T. -0.006 min

Lab File: VN079329.D

Acq: 22 Sep 2023 10:14

Instrument :

MSVOA_N

ClientSampleId :

VN0922WBSD01

Tgt Ion: 58 Resp: 3851

Ion Ratio Lower Upper

58 100

43 324.8 228.3 342.5

Manual Integrations

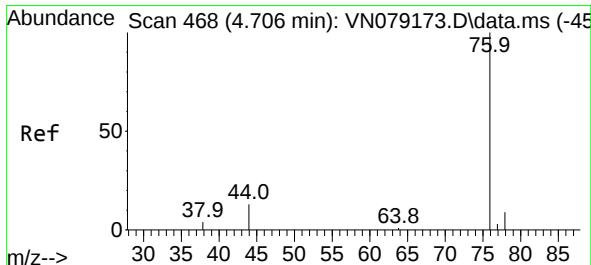
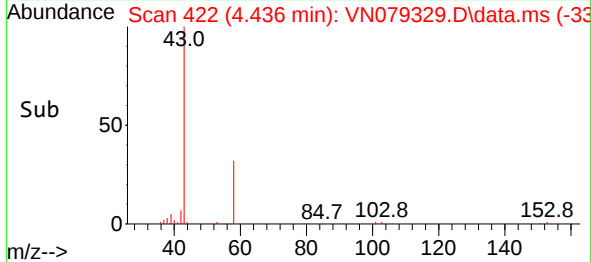
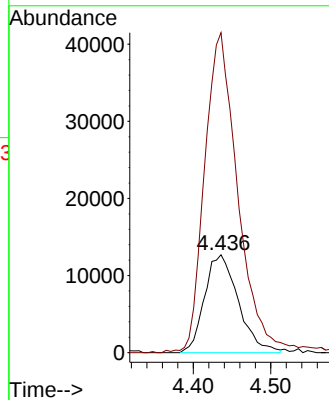
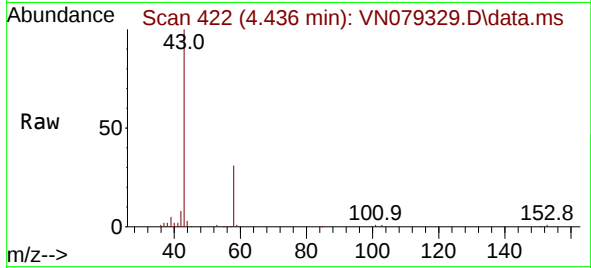
APPROVED

Reviewed By :John
Carlone

09/25/2023

Supervised By :Mahesh
Dadoda

09/25/2023



#16

Carbon Disulfide

Concen: 29.259 ug/l

RT: 4.712 min Scan# 469

Delta R.T. 0.006 min

Lab File: VN079329.D

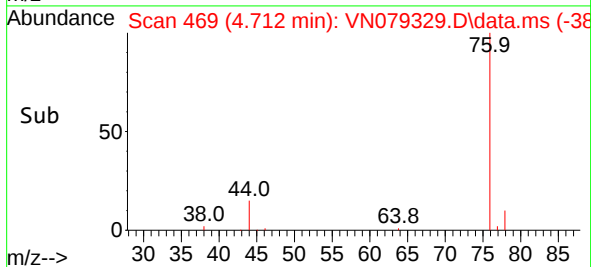
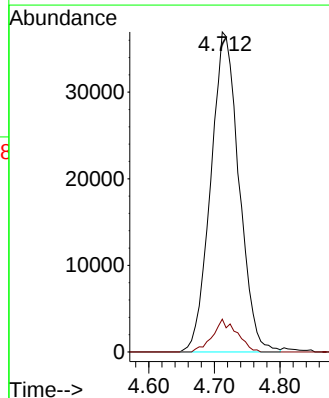
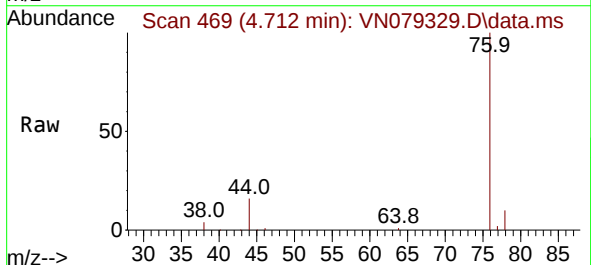
Acq: 22 Sep 2023 10:14

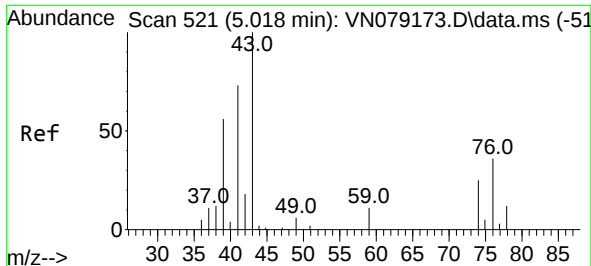
Tgt Ion: 76 Resp: 110660

Ion Ratio Lower Upper

76 100

78 10.3 6.9 10.3





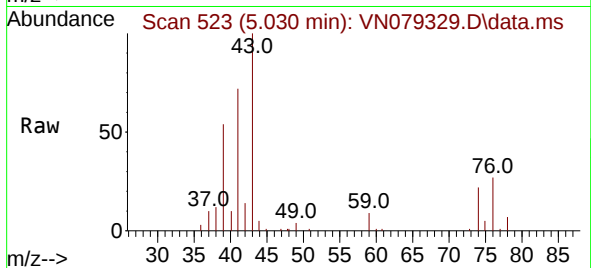
#17
 Allyl chloride
 Concen: 30.144 ug/l
 RT: 5.030 min Scan# 51
 Delta R.T. 0.012 min
 Lab File: VN079329.D
 Acq: 22 Sep 2023 10:14

Instrument :

MSVOA_N

ClientSampleId :

VN0922WBSD01



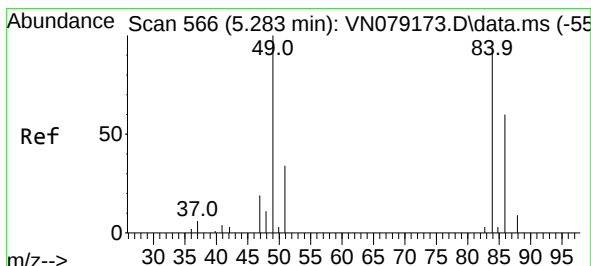
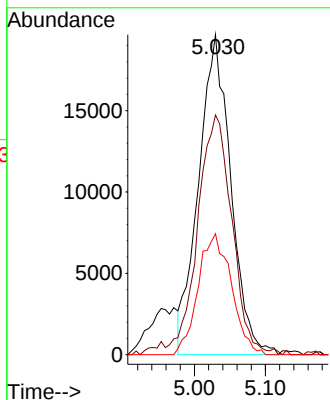
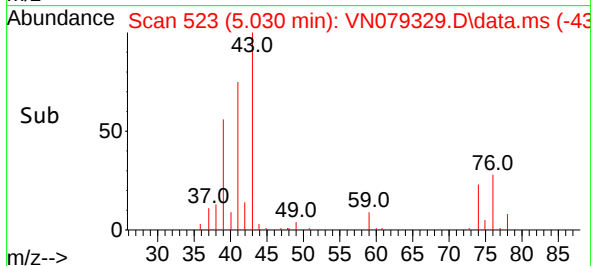
Tgt Ion: 41 Resp: 6199
 Ion Ratio Lower Upper
 41 100
 39 73.9 38.3 114.8
 76 37.8 23.7 71.1

Manual Integrations
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Reviewed By :John
 Carlone

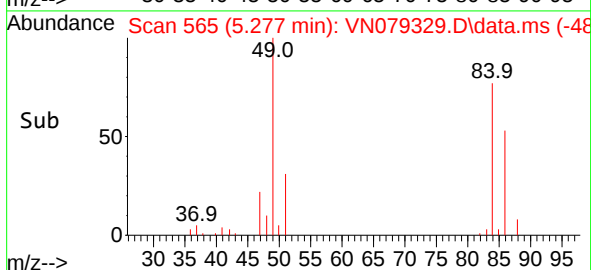
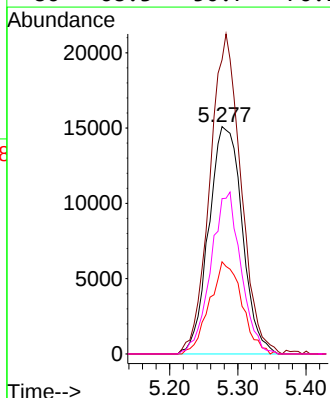
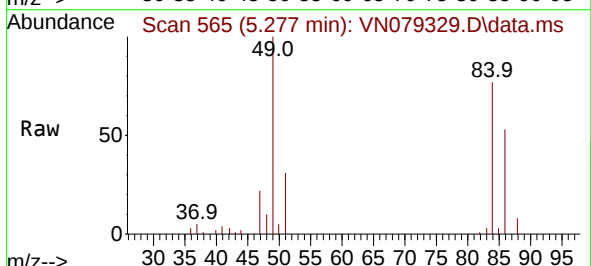
09/25/2023
 Supervised By :Mahesh
 Dadoda

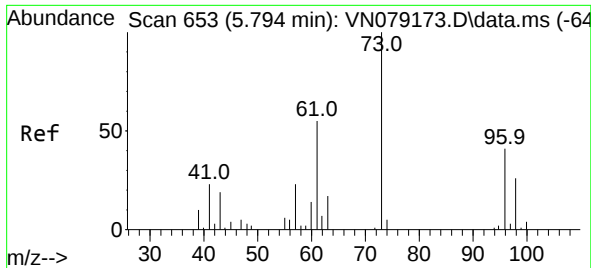
09/25/2023



#18
 Methylene Chloride
 Concen: 29.966 ug/l
 RT: 5.277 min Scan# 565
 Delta R.T. -0.006 min
 Lab File: VN079329.D
 Acq: 22 Sep 2023 10:14

Tgt Ion: 84 Resp: 51443
 Ion Ratio Lower Upper
 84 100
 49 129.3 86.9 130.3
 51 40.6 28.6 43.0
 86 68.3 50.7 76.1





#19

trans-1,2-Dichloroethene

Concen: 27.779 ug/l

RT: 5.794 min Scan# 61

Delta R.T. 0.000 min

Lab File: VN079329.D

Acq: 22 Sep 2023 10:14

Instrument :

MSVOA_N

ClientSampleId :

VN0922WBSD01

Tgt Ion: 96 Resp: 4448

Ion Ratio Lower Upper

96 100

61 146.3 106.6 159.8

98 62.1 51.0 76.4

Manual Integrations

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Reviewed By :John

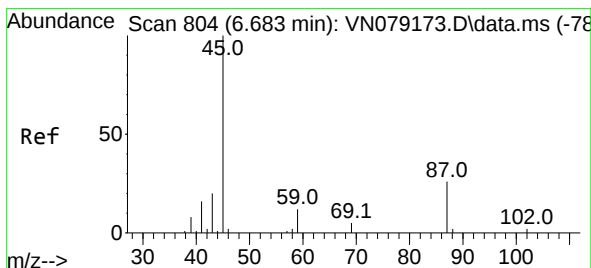
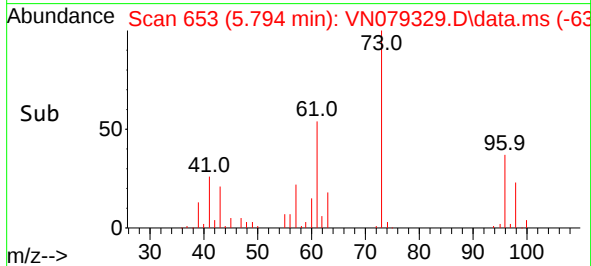
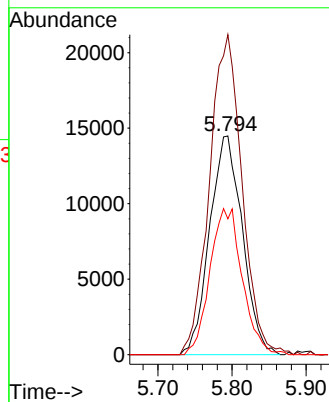
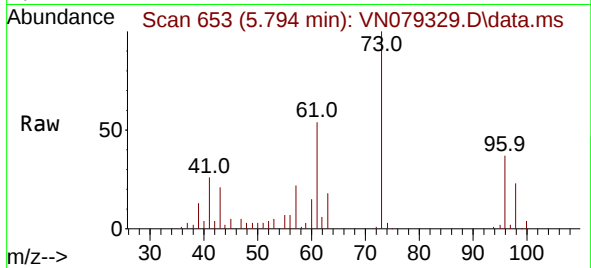
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Supervised By :Mahesh

Dadoda

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#20

Diisopropyl ether

Concen: 26.010 ug/l

RT: 6.677 min Scan# 803

Delta R.T. -0.006 min

Lab File: VN079329.D

Acq: 22 Sep 2023 10:14

Tgt Ion: 45 Resp: 159704

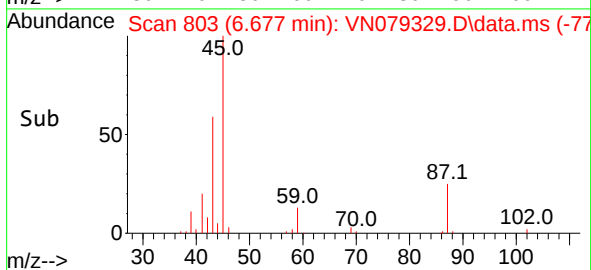
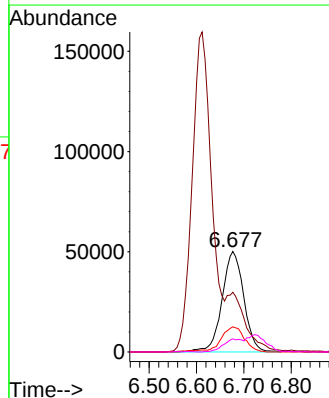
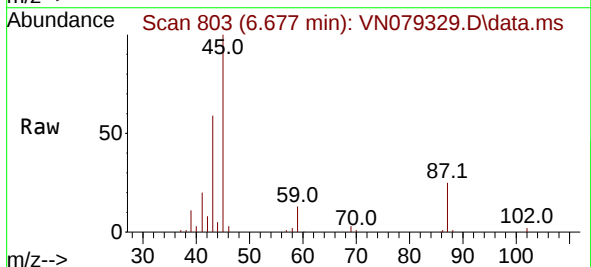
Ion Ratio Lower Upper

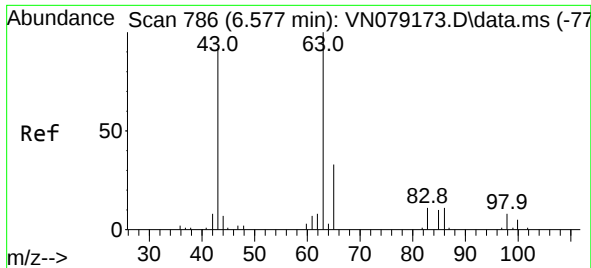
45 100

43 57.7 34.9 52.3#

87 25.1 21.5 32.3

59 12.7 9.7 14.5





#21
1,1-Dichloroethane
Concen: 26.164 ug/l
RT: 6.571 min Scan# 785
Delta R.T. -0.006 min
Lab File: VN079329.D
Acq: 22 Sep 2023 10:14

Instrument :
MSVOA_N
ClientSampleId :
VN0922WBSD01

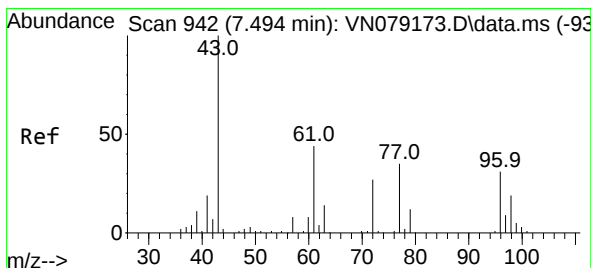
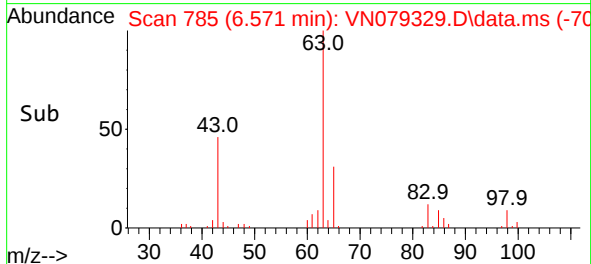
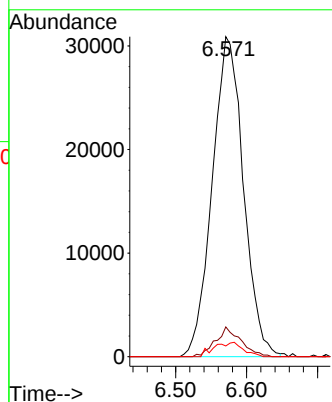
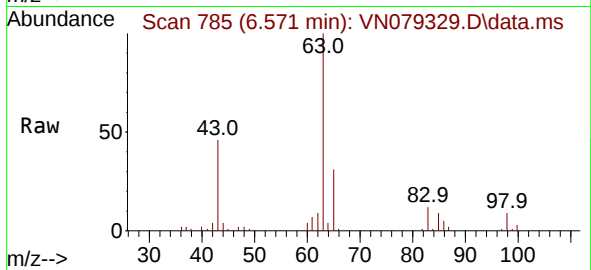
Tgt Ion: 63 Resp: 9411
Ion Ratio Lower Upper
63 100
98 9.3 3.9 11.5
100 3.3 2.5 7.5

Manual Integrations
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Reviewed By :John
Carlone

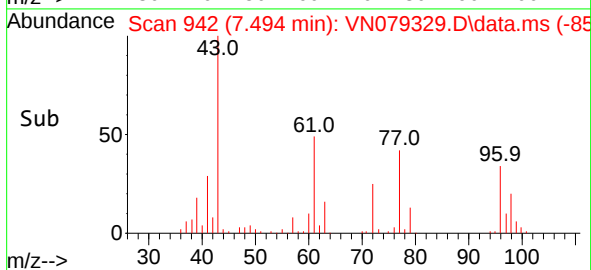
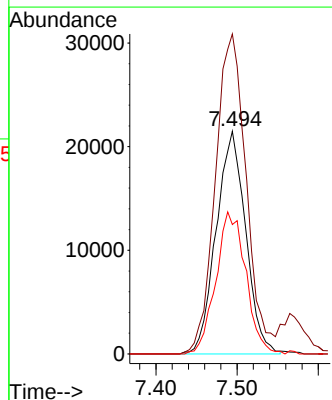
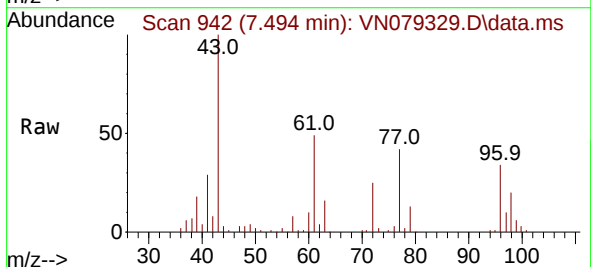
09/25/2023
Supervised By :Mahesh
Dadoda

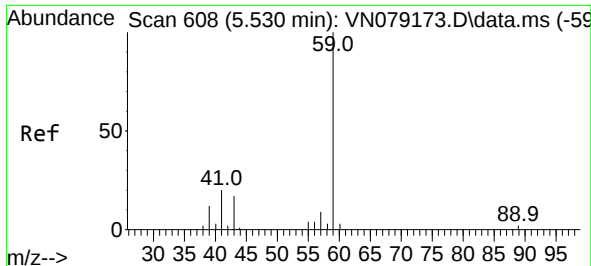
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#22
cis-1,2-Dichloroethene
Concen: 21.670 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN079329.D
Acq: 22 Sep 2023 10:14

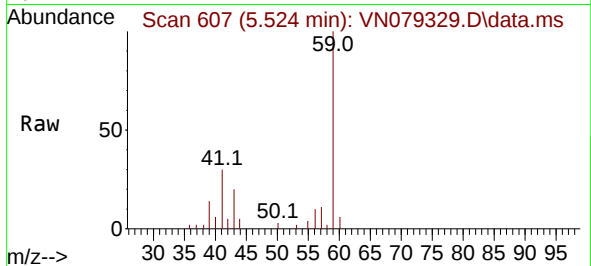
Tgt Ion: 96 Resp: 54270
Ion Ratio Lower Upper
96 100
61 150.1 113.0 169.6
98 64.6 50.2 75.4





#23
tert-Butyl Alcohol
Concen: 114.811 ug/l
RT: 5.524 min Scan# 608
Delta R.T. -0.006 min
Lab File: VN079329.D
Acq: 22 Sep 2023 10:14

Instrument :
MSVOA_N
ClientSampleId :
VN0922WBSD01



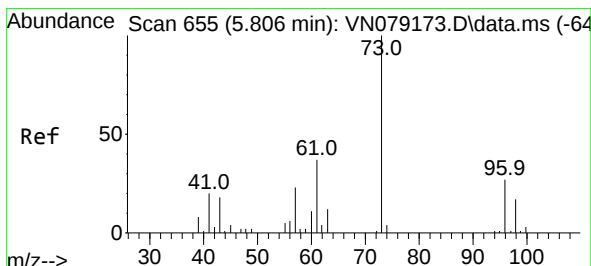
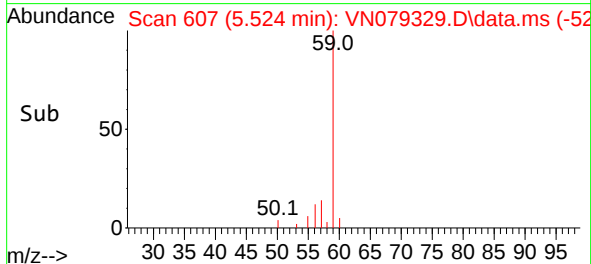
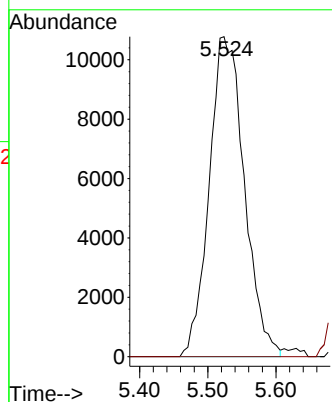
Tgt Ion: 59 Resp: 3865
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

Manual Integrations
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Reviewed By :John
Carlone

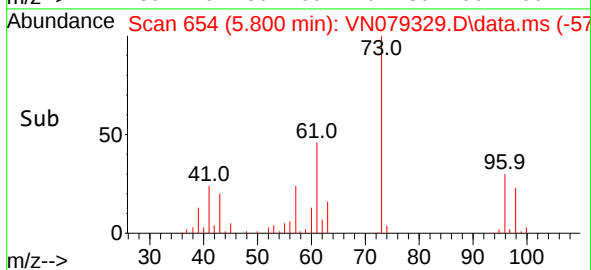
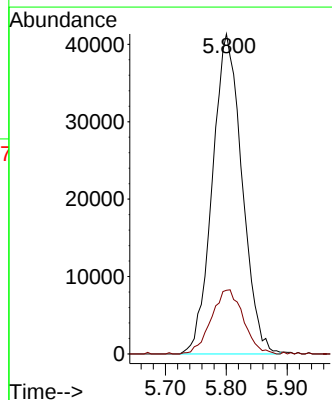
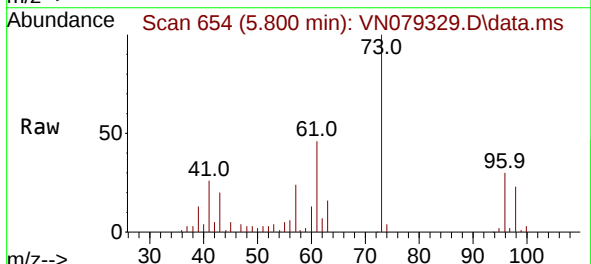
09/25/2023
Supervised By :Mahesh
Dadoda

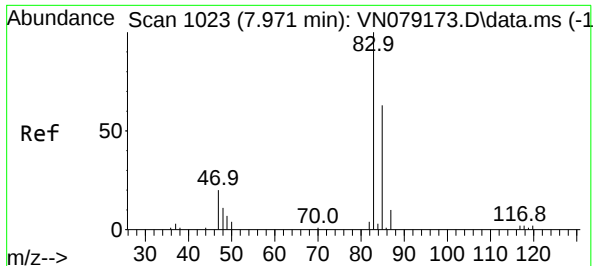
09/25/2023



#24
Methyl tert-Butyl Ether
Concen: 27.664 ug/l
RT: 5.800 min Scan# 654
Delta R.T. -0.006 min
Lab File: VN079329.D
Acq: 22 Sep 2023 10:14

Tgt Ion: 73 Resp: 139747
Ion Ratio Lower Upper
73 100
43 21.6 14.7 22.1





#25

Chloroform

Concen: 22.008 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. -0.000 min

Lab File: VN079329.D

Acq: 22 Sep 2023 10:14

Instrument :

MSVOA_N

ClientSampleId :

VN0922WBSD01

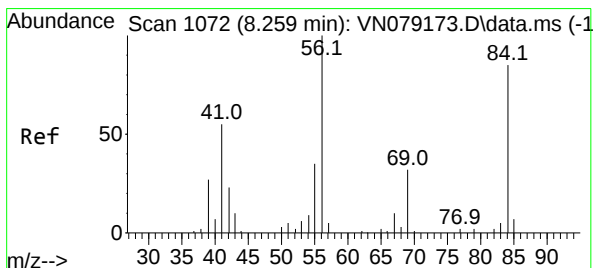
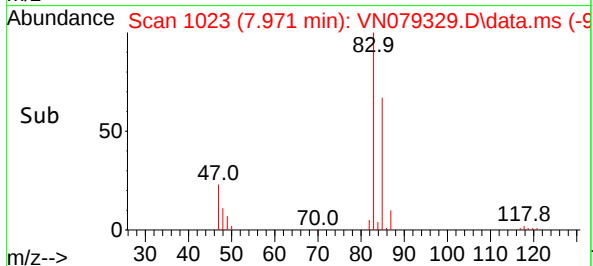
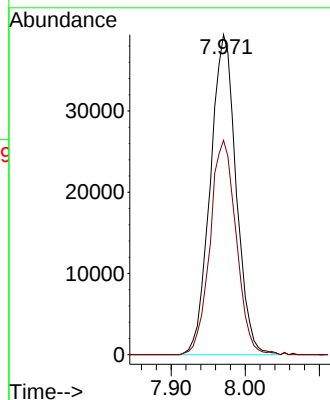
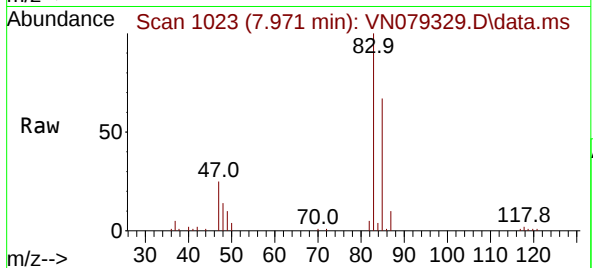
Tgt Ion: 83 Resp: 9545
 Ion Ratio Lower Upper
 83 100
 85 67.0 50.6 76.0

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

09/25/2023
 Supervised By :Mahesh
 Dadoda

09/25/2023



#26

Cyclohexane

Concen: 21.074 ug/l

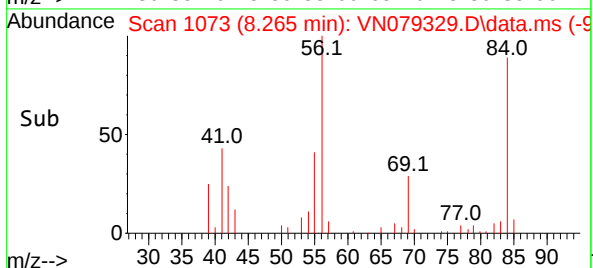
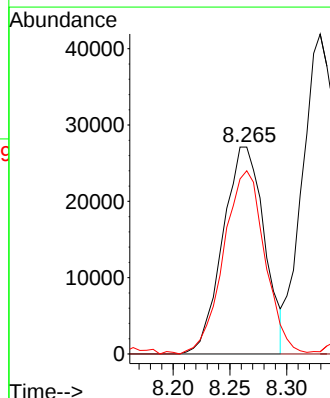
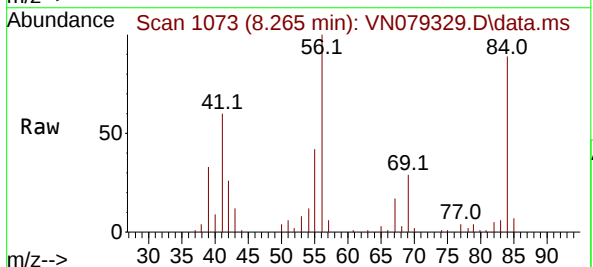
RT: 8.265 min Scan# 1073

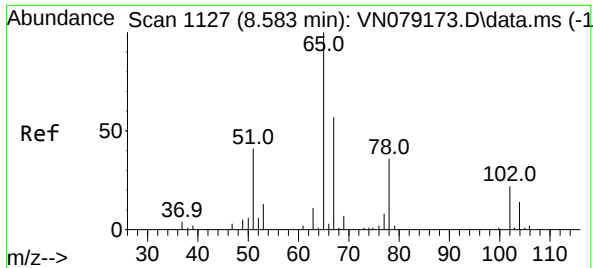
Delta R.T. 0.006 min

Lab File: VN079329.D

Acq: 22 Sep 2023 10:14

Tgt Ion: 56 Resp: 68738
 Ion Ratio Lower Upper
 56 100
 89 0.0 0.0 0.0
 84 88.2 71.1 106.7





#27

1,2-Dichloroethane-d4

Concen: 32.804 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. -0.001 min

Lab File: VN079329.D

Acq: 22 Sep 2023 10:14

Instrument :

MSVOA_N

ClientSampleId :

VN0922WBSD01

Tgt Ion: 65 Resp: 8968

Ion Ratio Lower Upper

65 100

67 51.9 44.4 66.6

Manual Integrations

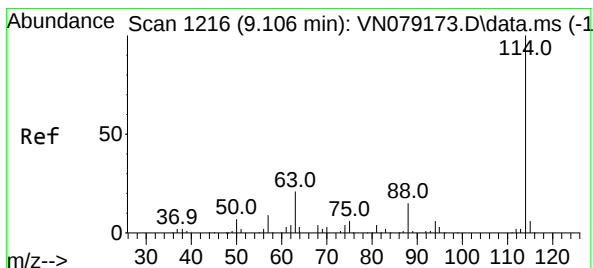
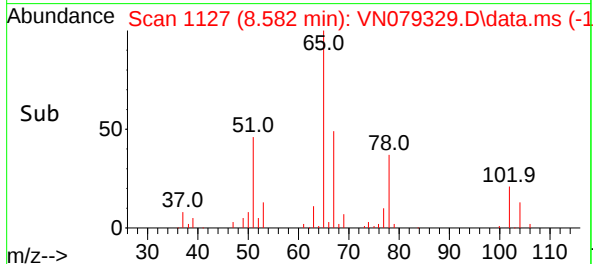
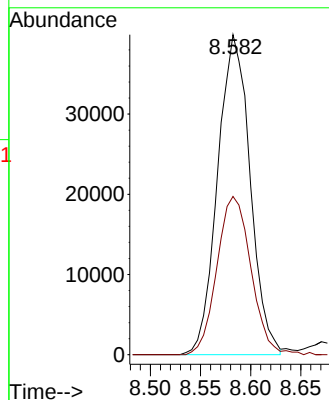
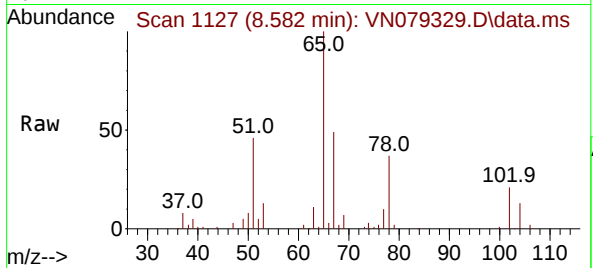
APPROVED

Reviewed By :John
Carlone

09/25/2023

Supervised By :Mahesh
Dadoda

09/25/2023



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN079329.D

Acq: 22 Sep 2023 10:14

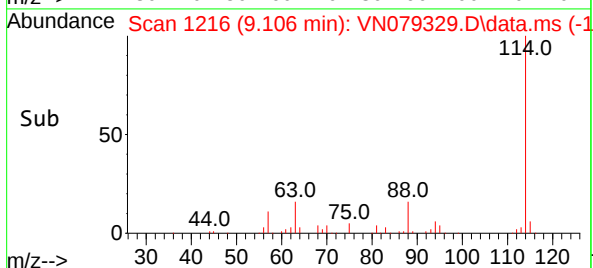
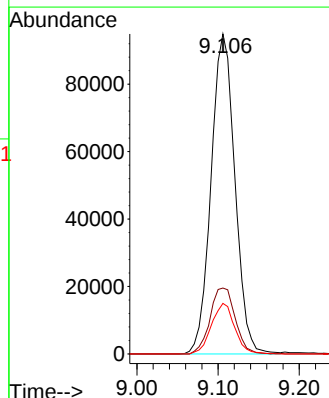
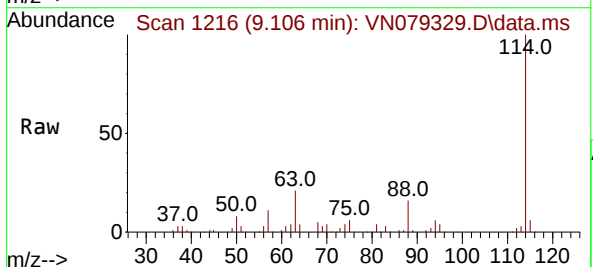
Tgt Ion:114 Resp: 193733

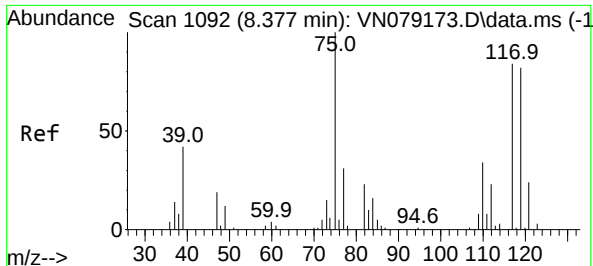
Ion Ratio Lower Upper

114 100

63 21.7 17.0 25.4

88 15.4 12.8 19.2





#29
1,1-Dichloropropene
Concen: 21.346 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. -0.001 min
Lab File: VN079329.D
Acq: 22 Sep 2023 10:14

Instrument :

MSVOA_N

ClientSampleId :

VN0922WBSD01

Tgt Ion: 75 Resp: 66304
Ion Ratio Lower Upper
75 100
110 33.8 0.0 68.4
77 30.9 0.0 63.2

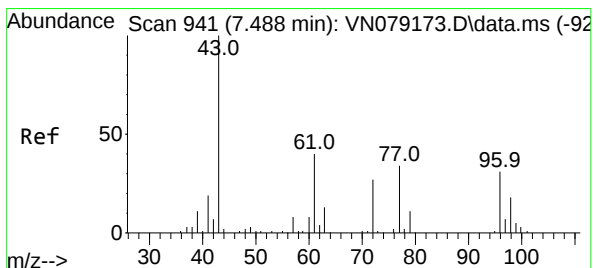
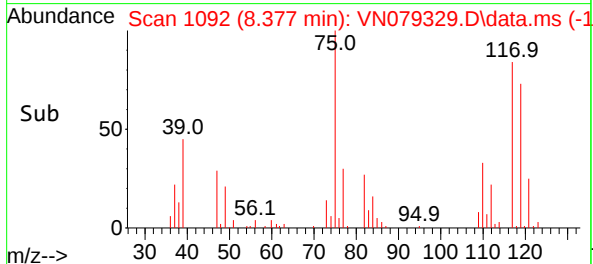
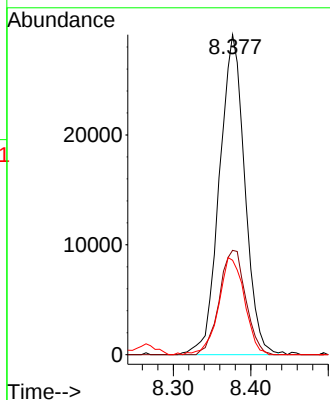
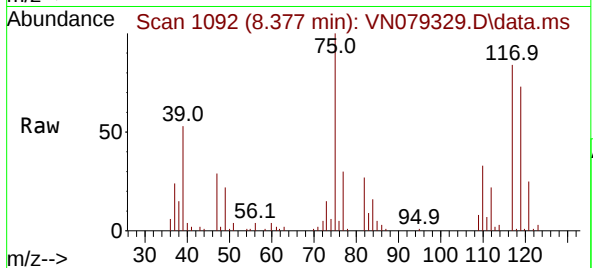
Manual Integrations
APPROVED

Reviewed By :John
Carlone

09/25/2023

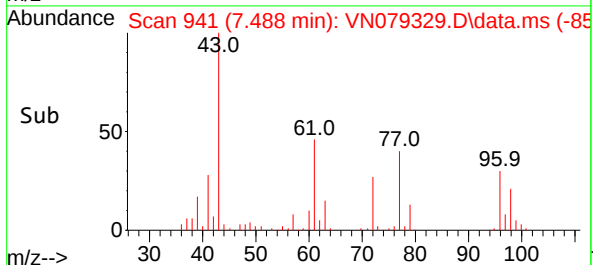
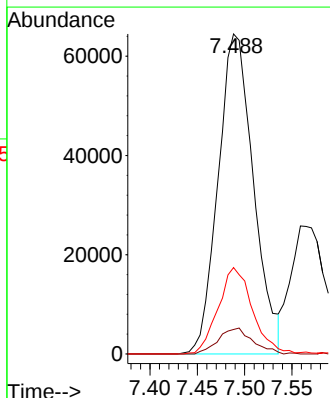
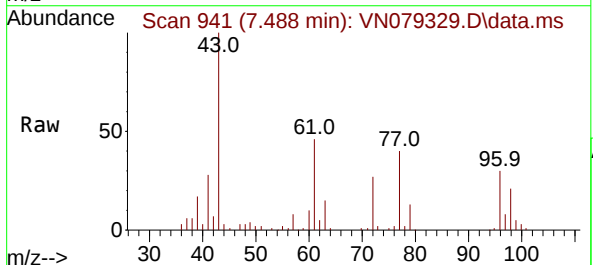
Supervised By :Mahesh
Dadoda

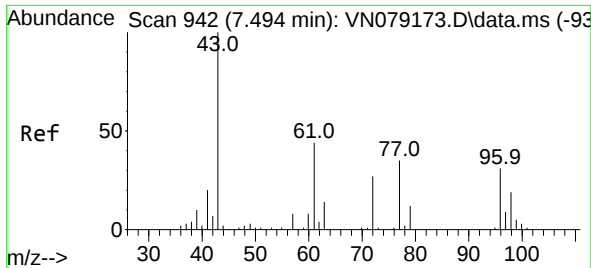
09/25/2023



#30
2-Butanone
Concen: 107.378 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN079329.D
Acq: 22 Sep 2023 10:14

Tgt Ion: 43 Resp: 167759
Ion Ratio Lower Upper
43 100
57 7.8 6.8 10.2
72 26.1 22.4 33.6





#31
2,2-Dichloropropane
Concen: 24.252 ug/l
RT: 7.500 min Scan# 94
Delta R.T. 0.006 min
Lab File: VN079329.D
Acq: 22 Sep 2023 10:14

Instrument :
MSVOA_N
ClientSampleId :
VN0922WBSD01

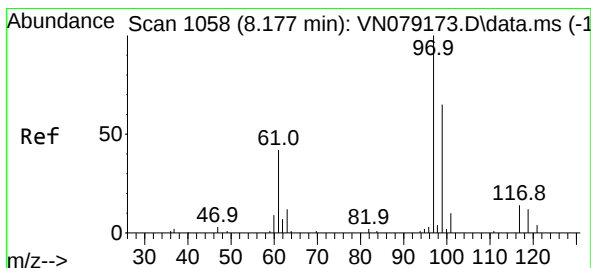
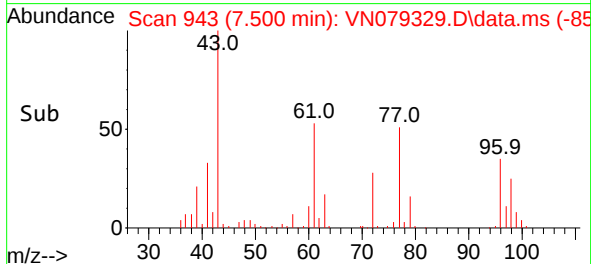
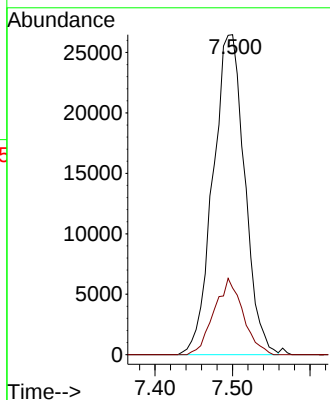
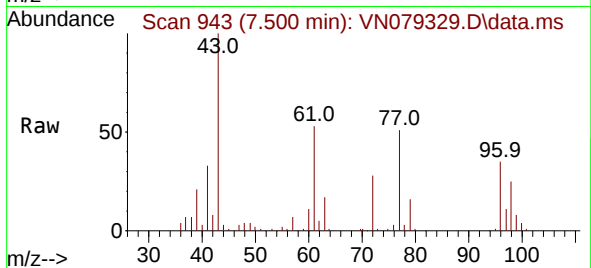
Tgt Ion: 77 Resp: 75139
Ion Ratio Lower Upper
77 100
97 21.9 17.8 26.8

Manual Integrations
APPROVED

Reviewed By :John
Carlone

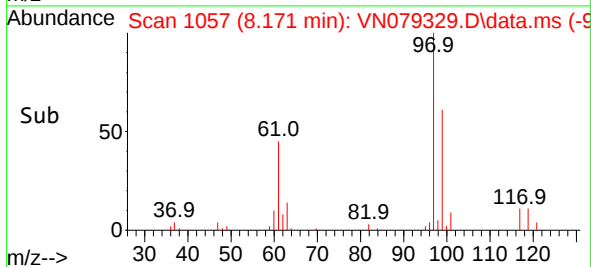
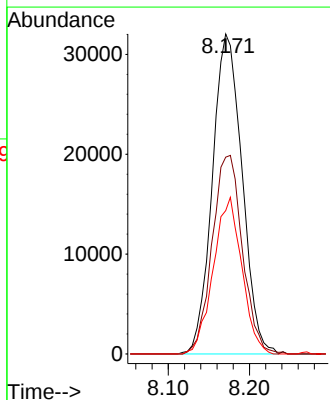
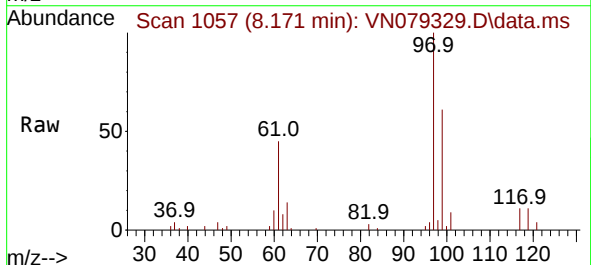
09/25/2023
Supervised By :Mahesh
Dadoda

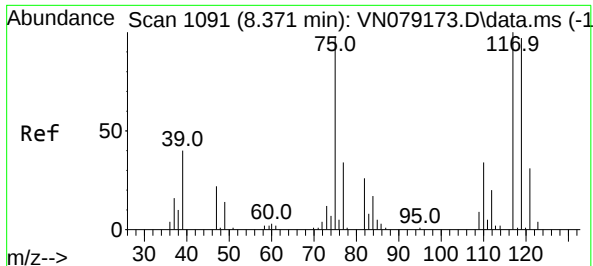
09/25/2023



#32
1,1,1-Trichloroethane
Concen: 22.288 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VN079329.D
Acq: 22 Sep 2023 10:14

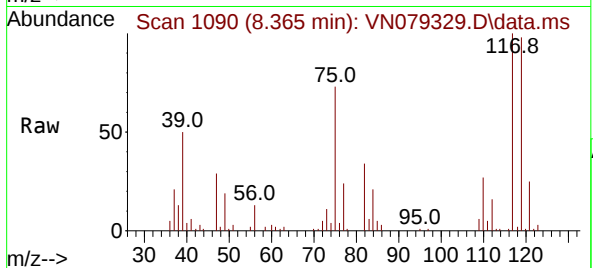
Tgt Ion: 97 Resp: 81563
Ion Ratio Lower Upper
97 100
99 63.2 52.0 78.0
61 47.0 33.4 50.0





#33
Carbon Tetrachloride
Concen: 22.040 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.006 min
Lab File: VN079329.D
Acq: 22 Sep 2023 10:14

Instrument :
MSVOA_N
ClientSampleId :
VN0922WBSD01



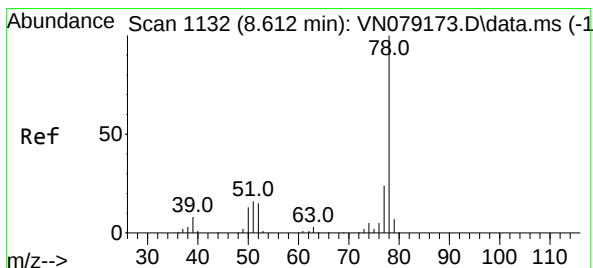
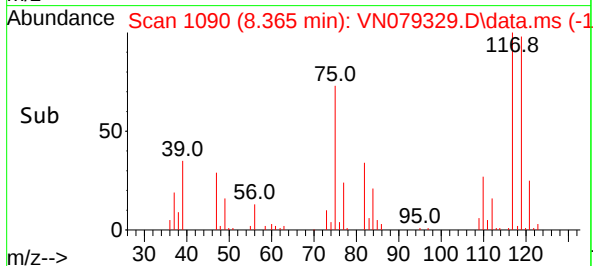
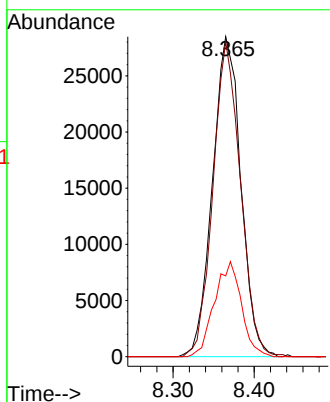
Tgt Ion:117 Resp: 6928
Ion Ratio Lower Upper
117 100
119 98.4 77.9 116.9
121 25.3 25.1 37.7

Manual Integrations
APPROVED

Reviewed By :John
Carlone

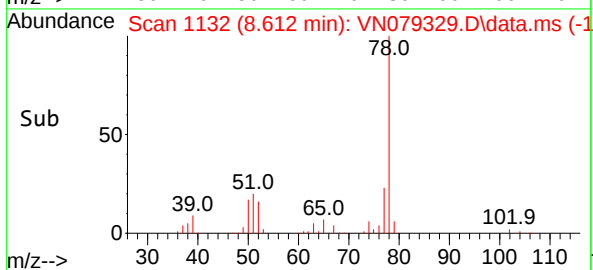
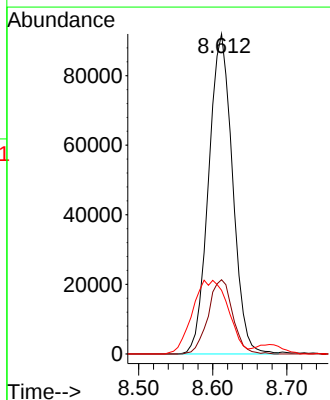
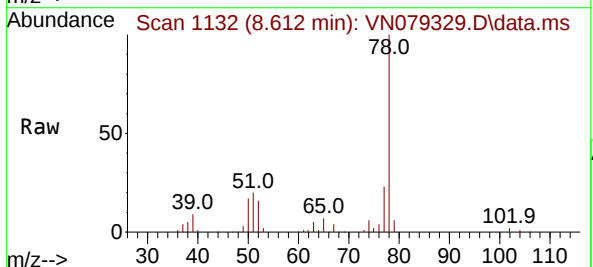
09/25/2023
Supervised By :Mahesh
Dadoda

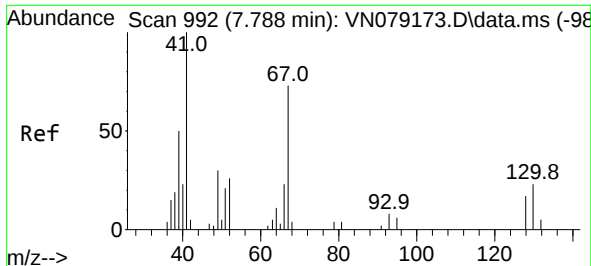
09/25/2023



#34
Benzene
Concen: 20.864 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VN079329.D
Acq: 22 Sep 2023 10:14

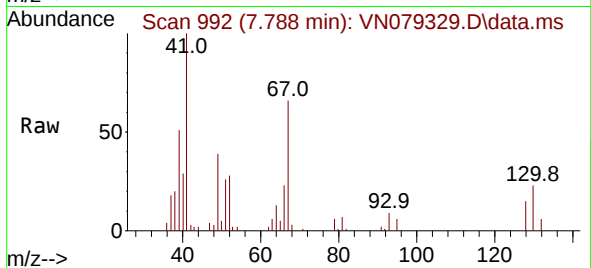
Tgt Ion: 78 Resp: 205906
Ion Ratio Lower Upper
78 100
77 23.2 18.9 28.3
51 17.9 13.1 19.7





#35
Methacrylonitrile
Concen: 22.108 ug/l
RT: 7.788 min Scan# 992
Delta R.T. 0.000 min
Lab File: VN079329.D
Acq: 22 Sep 2023 10:14

Instrument :
MSVOA_N
ClientSampleId :
VN0922WBSD01



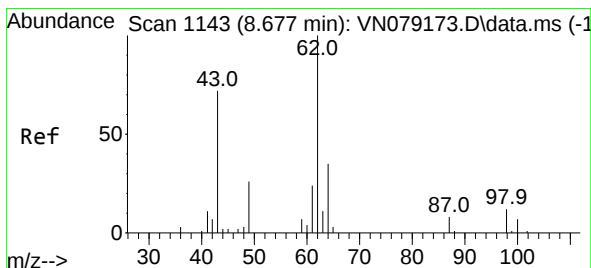
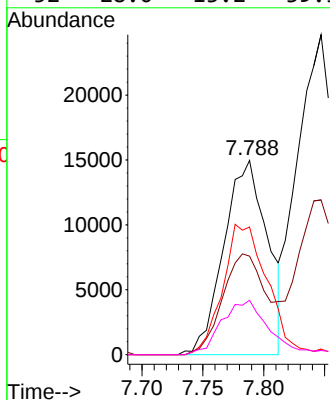
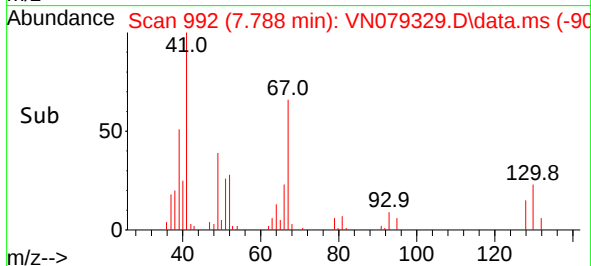
Tgt Ion: 41 Resp: 37190
Ion Ratio Lower Upper
41 100
39 50.8 24.9 74.6
67 65.7 36.7 110.1
52 28.0 13.2 39.5

Manual Integrations
APPROVED

Reviewed By :John
Carlone

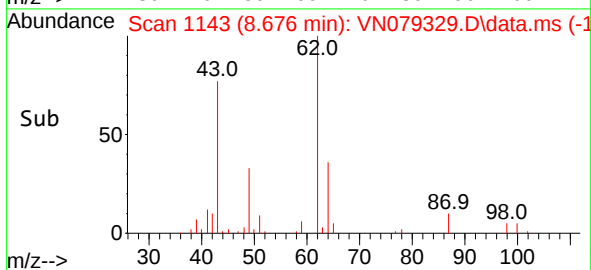
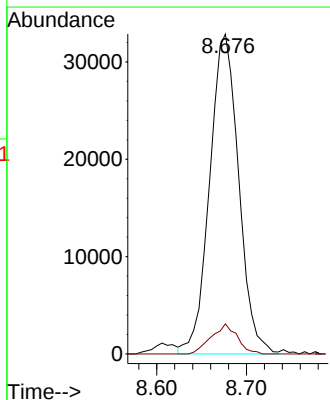
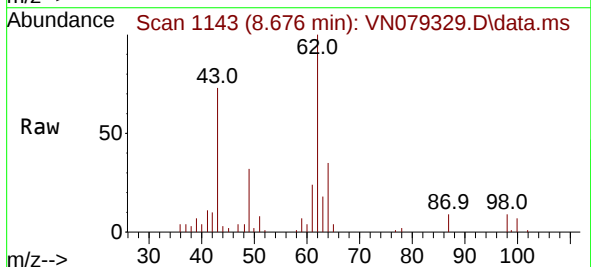
09/25/2023
Supervised By :Mahesh
Dadoda

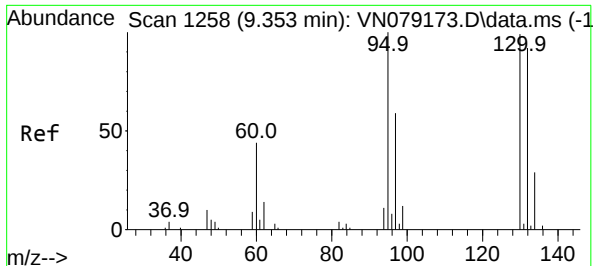
09/25/2023



#36
1,2-Dichloroethane
Concen: 22.712 ug/l
RT: 8.676 min Scan# 1143
Delta R.T. -0.001 min
Lab File: VN079329.D
Acq: 22 Sep 2023 10:14

Tgt Ion: 62 Resp: 73920
Ion Ratio Lower Upper
62 100
98 8.4 8.2 12.2





#37

Trichloroethene

Concen: 20.276 ug/l

RT: 9.359 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN079329.D

Acq: 22 Sep 2023 10:14

Instrument :

MSVOA_N

ClientSampleId :

VN0922WBSD01

Tgt Ion:130 Resp: 4729

Ion Ratio Lower Upper

130 100

95 105.8 81.0 121.4

Manual Integrations

APPROVED

Reviewed By :John

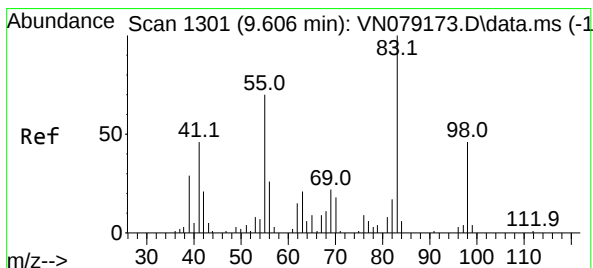
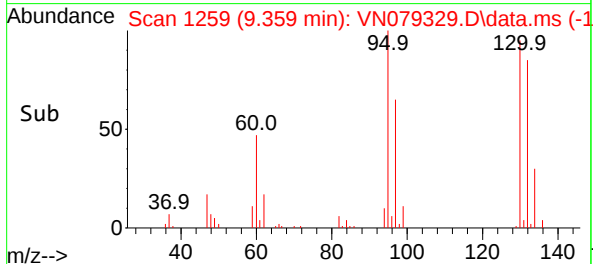
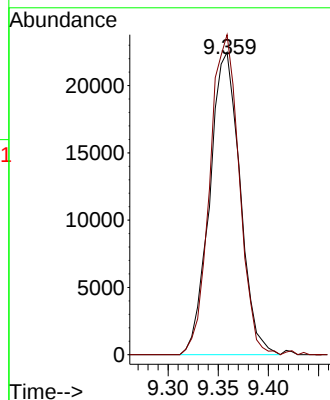
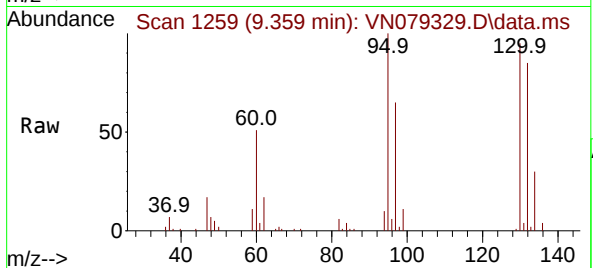
Carlone

09/25/2023

Supervised By :Mahesh

Dadoda

09/25/2023



#38

Methylcyclohexane

Concen: 20.486 ug/l

RT: 9.606 min Scan# 1301

Delta R.T. -0.000 min

Lab File: VN079329.D

Acq: 22 Sep 2023 10:14

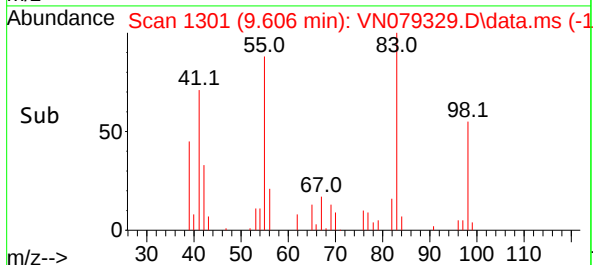
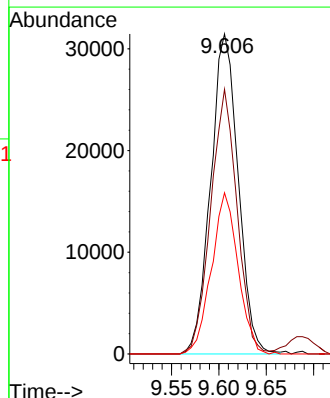
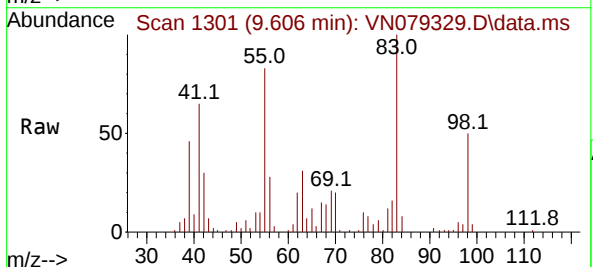
Tgt Ion: 83 Resp: 63613

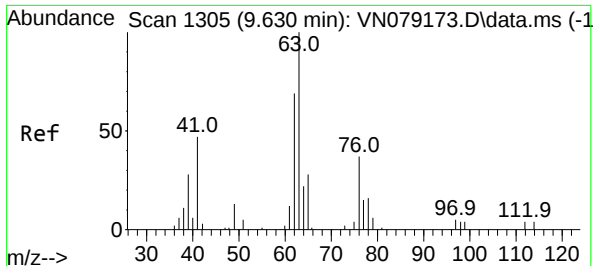
Ion Ratio Lower Upper

83 100

55 79.3 39.1 117.2

98 48.8 24.1 72.4





#39

1,2-Dichloropropane

Concen: 21.522 ug/l

RT: 9.629 min Scan# 1305

Delta R.T. -0.001 min

Lab File: VN079329.D

Acq: 22 Sep 2023 10:14

Instrument :

MSVOA_N

ClientSampleId :

VN0922WBSD01

Tgt Ion: 63 Resp: 5478

Ion Ratio Lower Upper

63 100

65 31.4 23.4 35.0

Manual Integrations

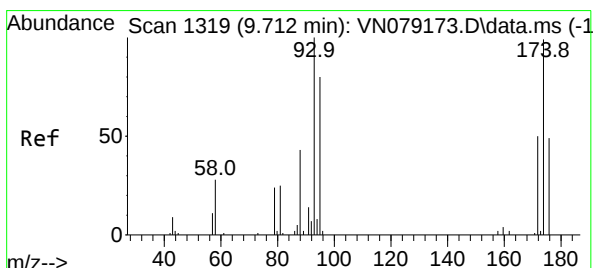
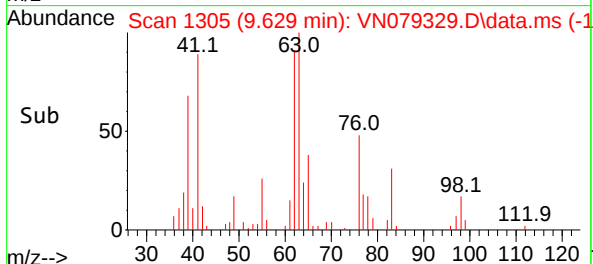
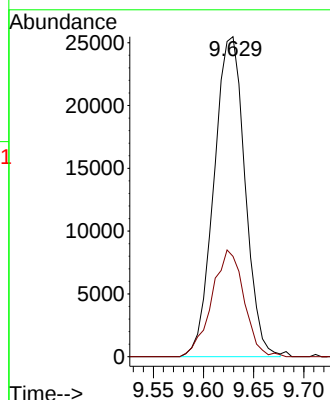
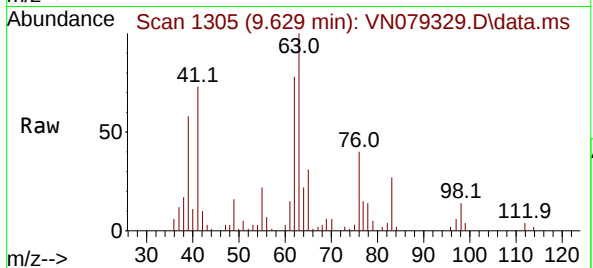
APPROVED

Reviewed By :John
Carlone

09/25/2023

Supervised By :Mahesh
Dadoda

09/25/2023



#40

Dibromomethane

Concen: 21.312 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN079329.D

Acq: 22 Sep 2023 10:14

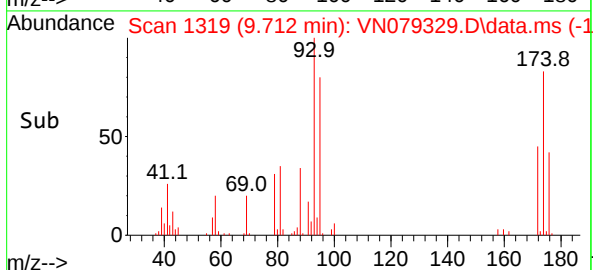
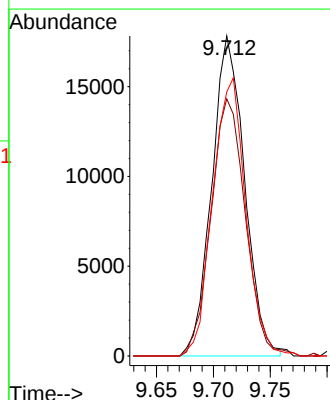
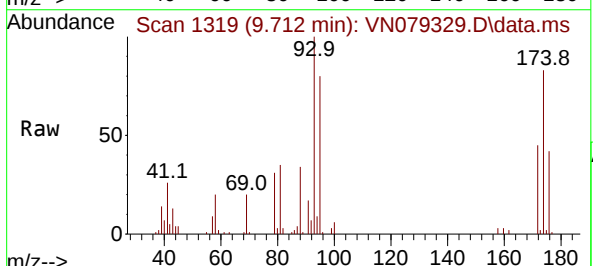
Tgt Ion: 93 Resp: 35778

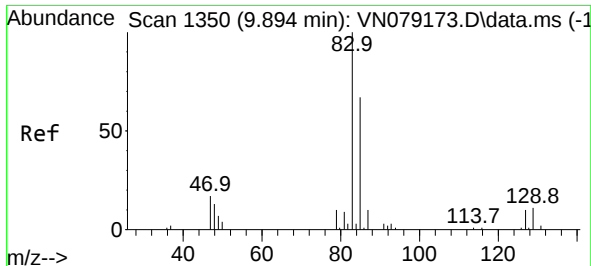
Ion Ratio Lower Upper

93 100

95 84.0 0.0 172.4

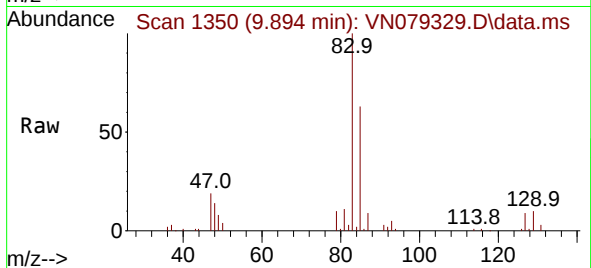
174 87.8 0.0 192.4





#41
Bromodichloromethane
Concen: 22.242 ug/l
RT: 9.894 min Scan# 1135
Delta R.T. 0.000 min
Lab File: VN079329.D
Acq: 22 Sep 2023 10:14

Instrument :
MSVOA_N
ClientSampleId :
VN0922WBSD01



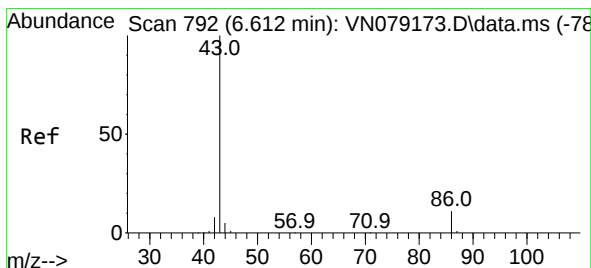
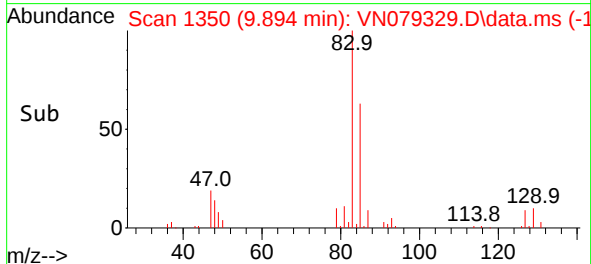
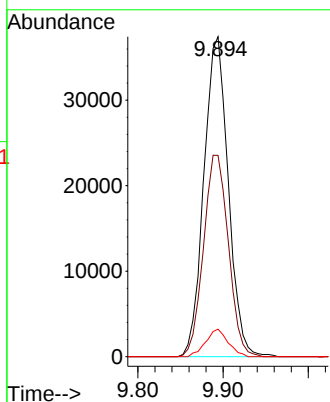
Tgt Ion: 83 Resp: 7443
Ion Ratio Lower Upper
83 100
85 62.9 53.4 80.2
127 8.6 8.3 12.5

Manual Integrations
APPROVED

Reviewed By :John
Carlone

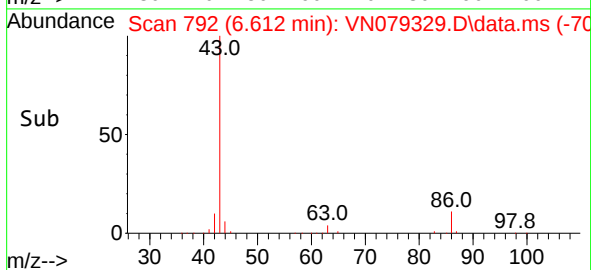
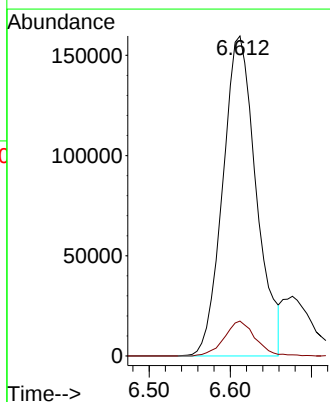
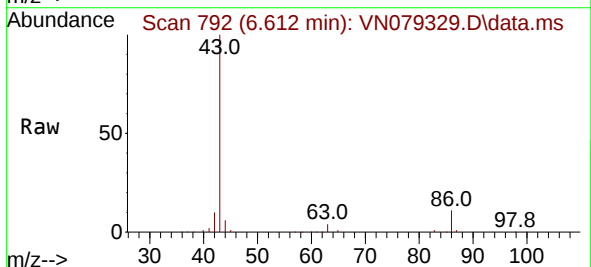
09/25/2023
Supervised By :Mahesh
Dadoda

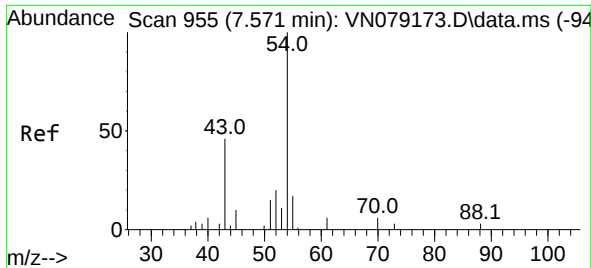
09/25/2023



#42
Vinyl Acetate
Concen: 123.356 ug/l
RT: 6.612 min Scan# 792
Delta R.T. -0.000 min
Lab File: VN079329.D
Acq: 22 Sep 2023 10:14

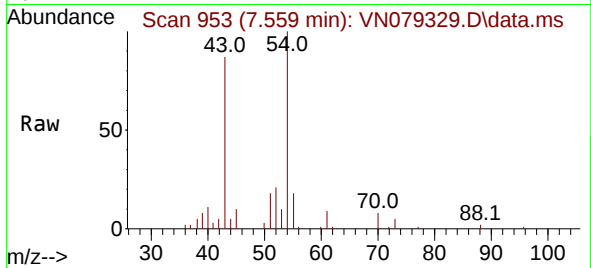
Tgt Ion: 43 Resp: 457692
Ion Ratio Lower Upper
43 100
86 10.1 9.2 13.8





#43
Ethyl Acetate
Concen: 23.055 ug/l
RT: 7.559 min Scan# 91
Delta R.T. -0.012 min
Lab File: VN079329.D
Acq: 22 Sep 2023 10:14

Instrument :
MSVOA_N
ClientSampleId :
VN0922WBSD01



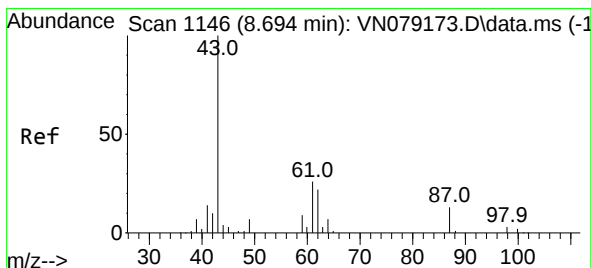
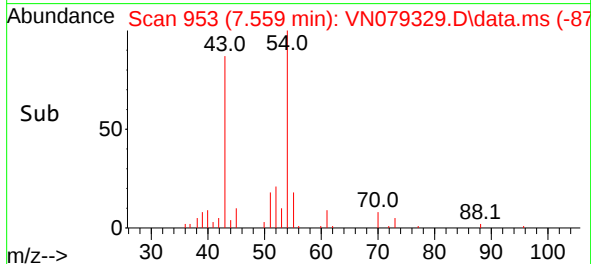
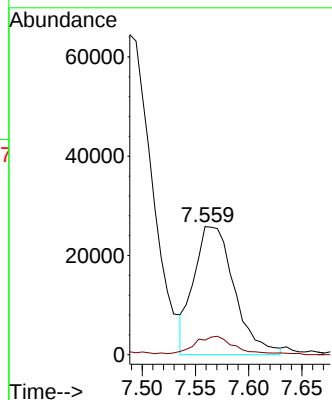
Tgt Ion: 43 Resp: 68409
Ion Ratio Lower Upper
43 100
45 12.6 11.1 16.7

Manual Integrations
APPROVED

Reviewed By :John
Carlone

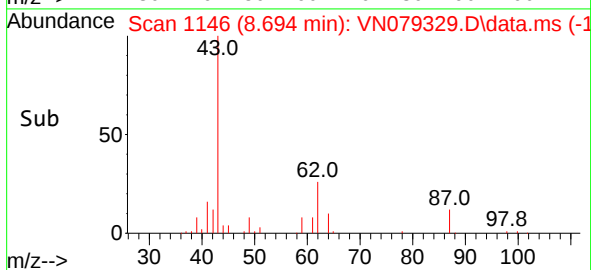
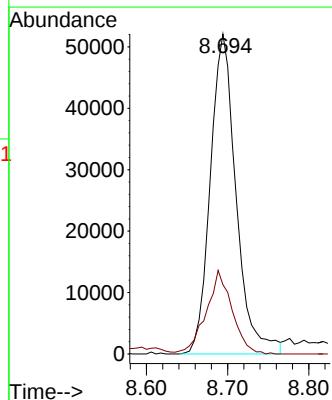
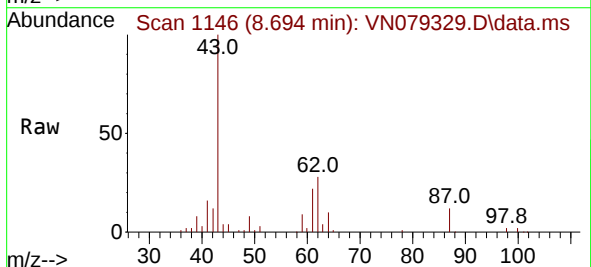
09/25/2023
Supervised By :Mahesh
Dadoda

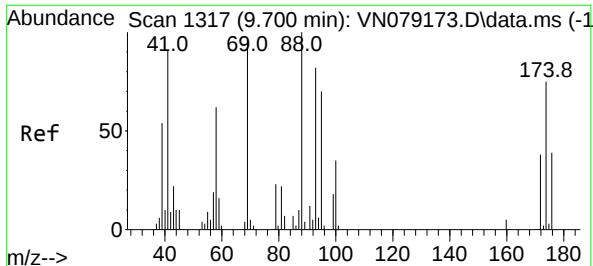
09/25/2023



#44
Isopropyl Acetate
Concen: 21.553 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN079329.D
Acq: 22 Sep 2023 10:14

Tgt Ion: 43 Resp: 115042
Ion Ratio Lower Upper
43 100
61 26.1 22.6 33.8





#45

1,4-Dioxane

Concen: 336.249 ug/l

RT: 9.700 min Scan# 1317

Delta R.T. -0.000 min

Lab File: VN079329.D

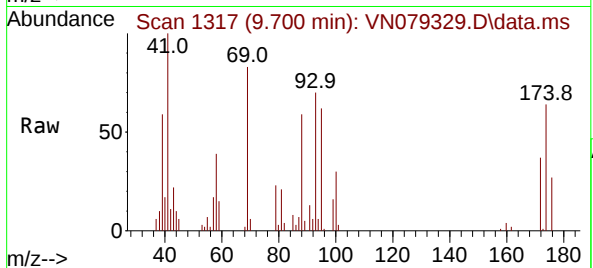
Acq: 22 Sep 2023 10:14

Instrument :

MSVOA_N

ClientSampleId :

VN0922WBSD01



Tgt Ion:	88	Resp:	1786
Ion Ratio	Lower	Upper	
88	100		
43	29.7	19.9	29.9
58	75.4	58.0	87.0

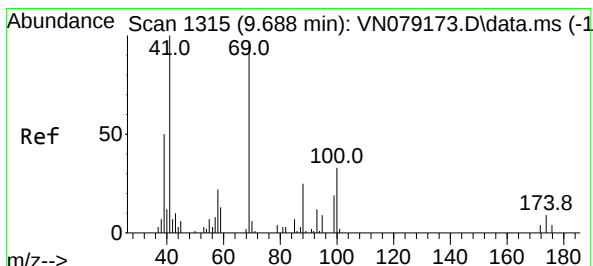
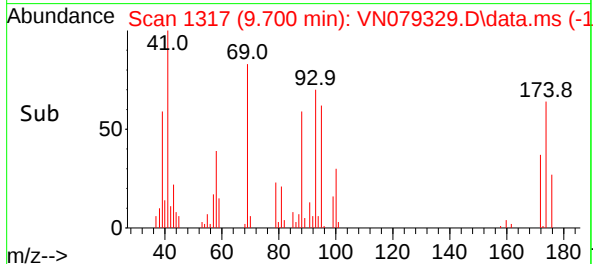
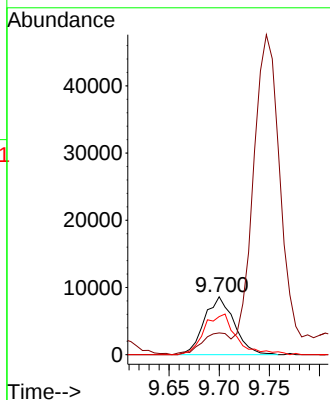
Manual Integrations
APPROVED

Reviewed By :John
Carlone

09/25/2023

Supervised By :Mahesh
Dadoda

09/25/2023



#46

Methyl methacrylate

Concen: 21.038 ug/l

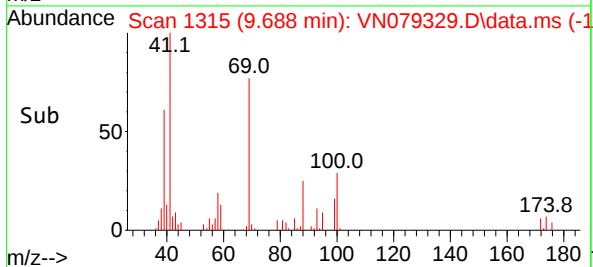
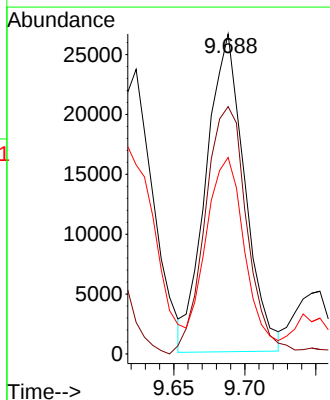
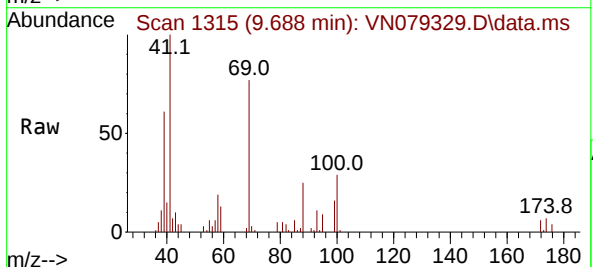
RT: 9.688 min Scan# 1315

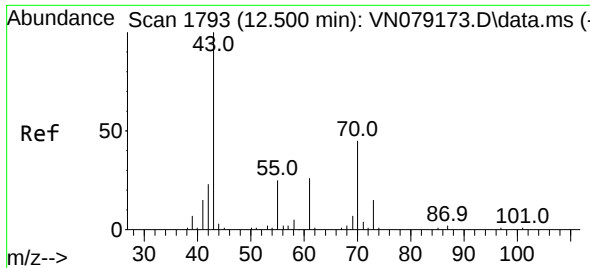
Delta R.T. 0.000 min

Lab File: VN079329.D

Acq: 22 Sep 2023 10:14

Tgt Ion:	41	Resp:	50170
Ion Ratio	Lower	Upper	
41	100		
69	80.3	48.1	144.3
39	61.5	25.8	77.3





#47
n-amy1 Acetate
Concen: 23.470 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN079329.D
Acq: 22 Sep 2023 10:14

Instrument :
MSVOA_N
ClientSampleId :
VN0922WBSD01

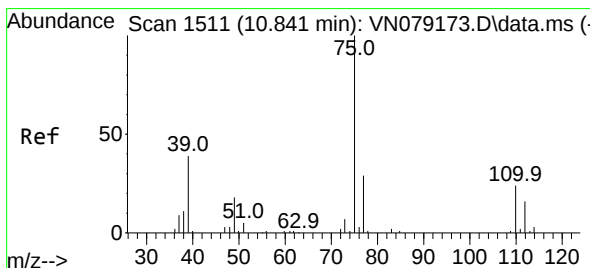
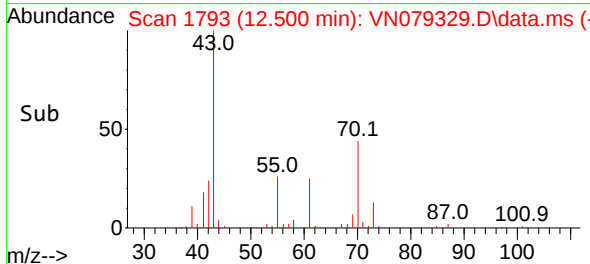
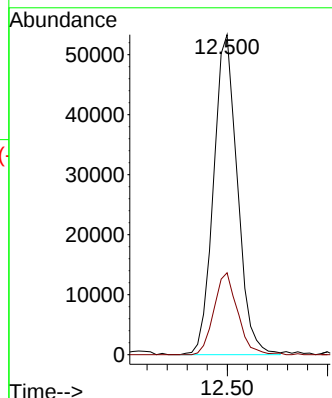
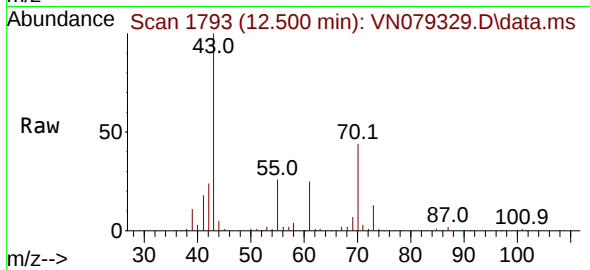
Tgt Ion: 43 Resp: 8810
Ion Ratio Lower Upper
43 100
55 25.2 20.5 30.7

Manual Integrations
APPROVED

Reviewed By :John
Carlone

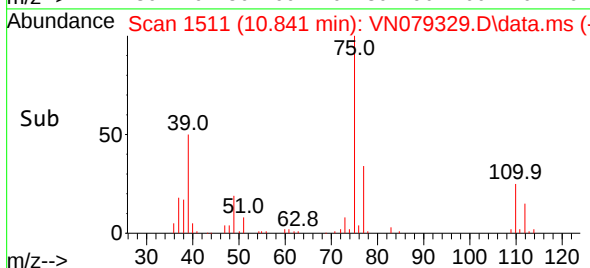
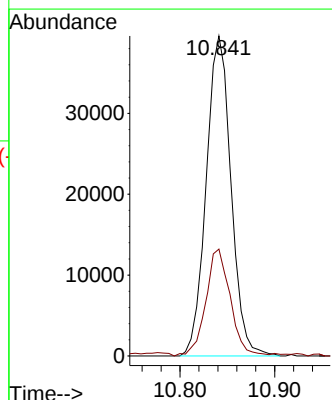
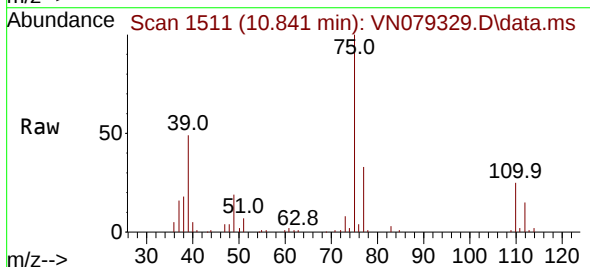
09/25/2023
Supervised By :Mahesh
Dadoda

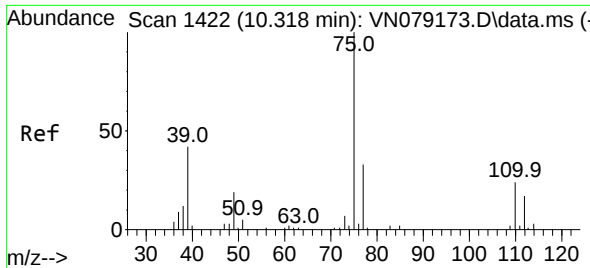
09/25/2023



#48
t-1,3-Dichloropropene
Concen: 19.950 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN079329.D
Acq: 22 Sep 2023 10:14

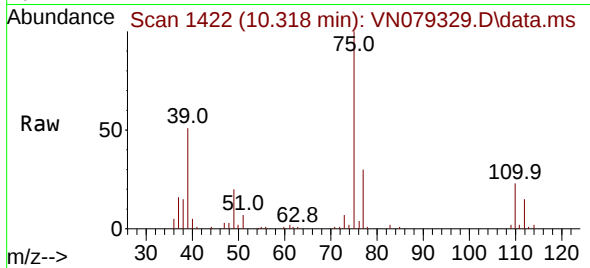
Tgt Ion: 75 Resp: 72230
Ion Ratio Lower Upper
75 100
77 32.9 22.9 34.3





#49
cis-1,3-Dichloropropene
Concen: 21.507 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VN079329.D
Acq: 22 Sep 2023 10:14

Instrument :
MSVOA_N
ClientSampleId :
VN0922WBSD01



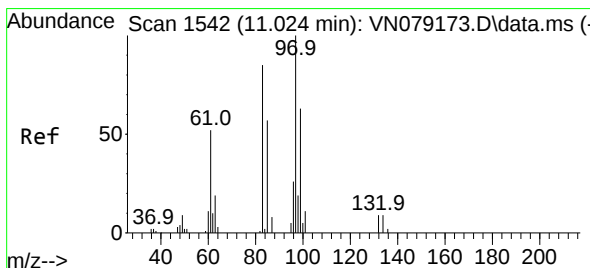
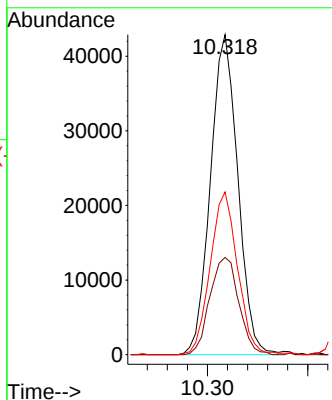
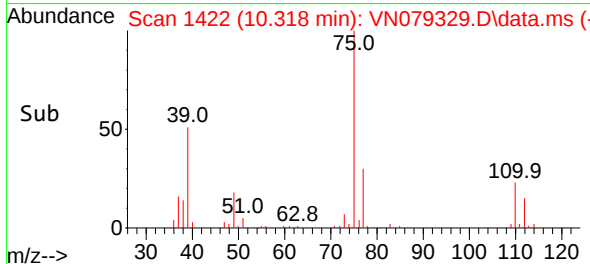
Tgt Ion: 75 Resp: 8122
Ion Ratio Lower Upper
75 100
77 30.4 26.2 39.2
39 50.9 33.8 50.8

Manual Integrations
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Reviewed By :John
Carlone

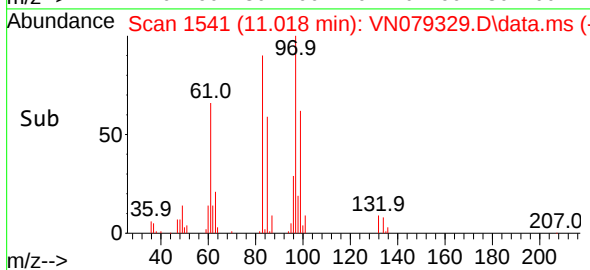
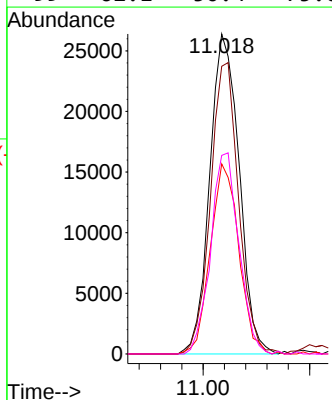
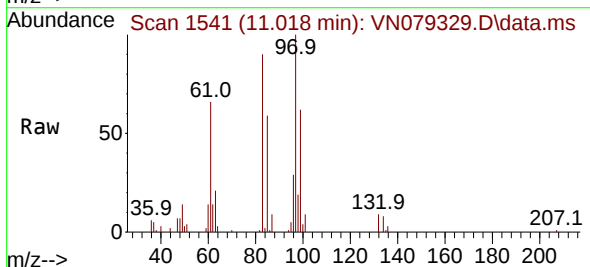
09/25/2023
Supervised By :Mahesh
Dadoda

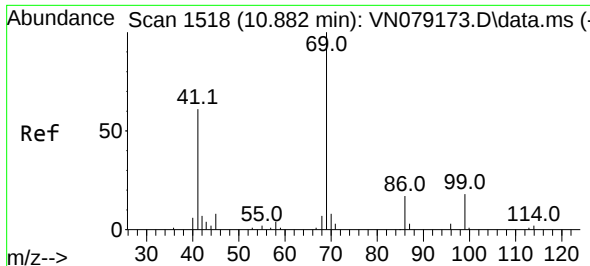
09/25/2023



#50
1,1,2-Trichloroethane
Concen: 21.469 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.006 min
Lab File: VN079329.D
Acq: 22 Sep 2023 10:14

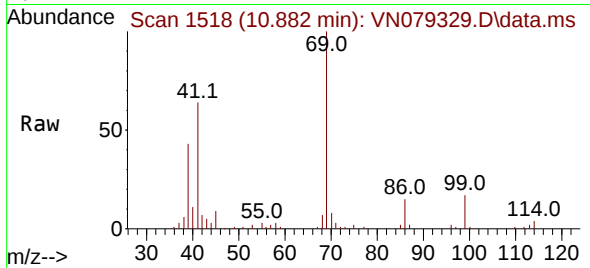
Tgt Ion: 97 Resp: 50561
Ion Ratio Lower Upper
97 100
83 89.9 68.9 103.3
85 59.4 45.3 67.9
99 62.1 50.4 75.6





#51
Ethyl methacrylate
Concen: 18.508 ug/l m
RT: 10.882 min Scan# 1518
Delta R.T. 0.000 min
Lab File: VN079329.D
Acq: 22 Sep 2023 10:14

Instrument :
MSVOA_N
ClientSampleId :
VN0922WBSD01



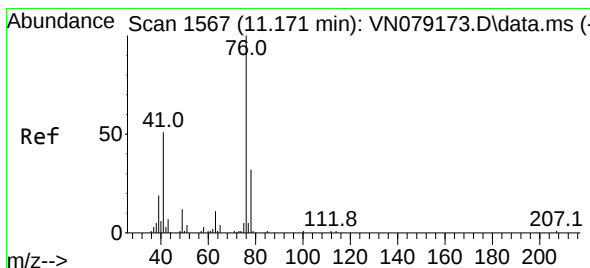
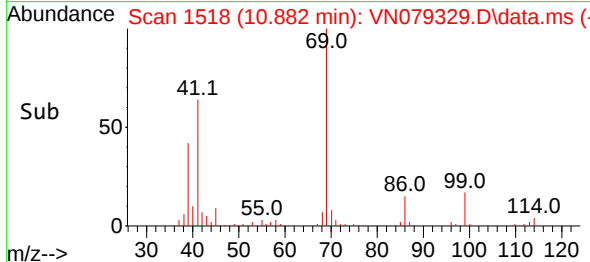
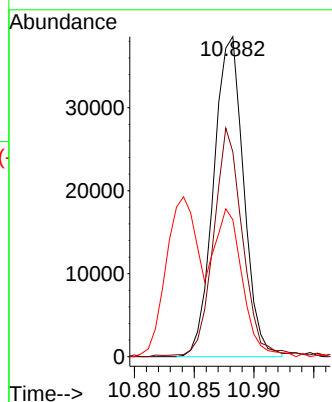
Tgt Ion: 69 Resp: 67310
Ion Ratio Lower Upper
69 100
41 64.0 30.3 90.9
39 42.8 13.4 40.1

Manual Integrations
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Reviewed By :John
Carlone

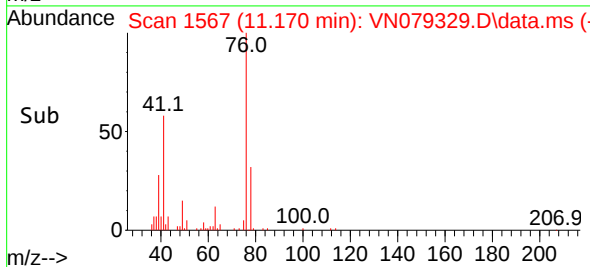
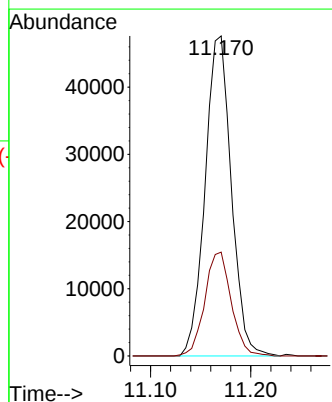
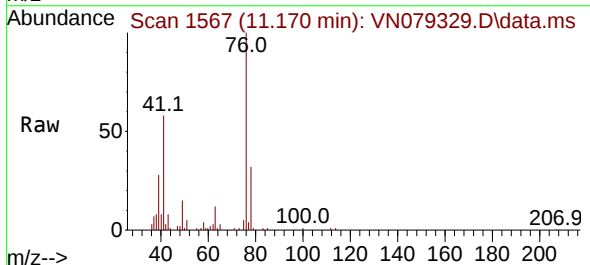
09/25/2023
Supervised By :Mahesh
Dadoda

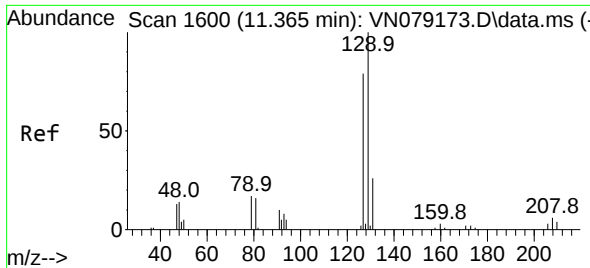
09/25/2023



#52
1,3-Dichloropropane
Concen: 21.521 ug/l
RT: 11.170 min Scan# 1567
Delta R.T. -0.001 min
Lab File: VN079329.D
Acq: 22 Sep 2023 10:14

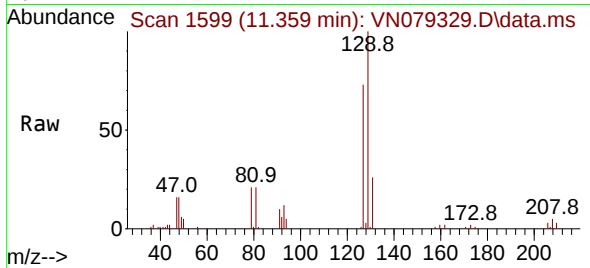
Tgt Ion: 76 Resp: 86529
Ion Ratio Lower Upper
76 100
78 32.7 0.0 64.2





#53
Dibromochloromethane
Concen: 20.987 ug/l
RT: 11.359 min Scan# 1159
Delta R.T. -0.006 min
Lab File: VN079329.D
Acq: 22 Sep 2023 10:14

Instrument :
MSVOA_N
ClientSampleId :
VN0922WBSD01



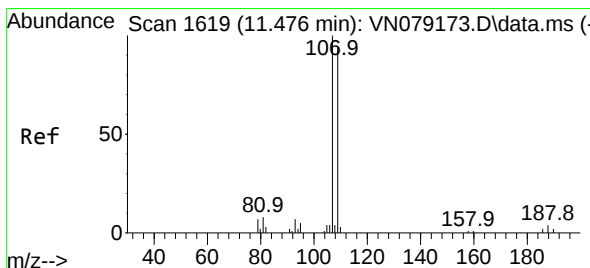
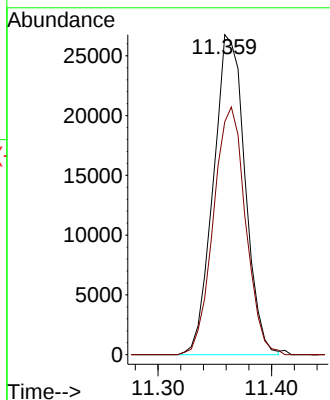
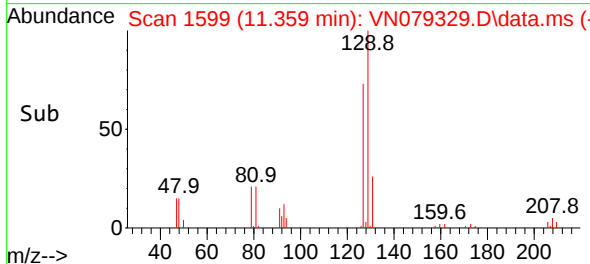
Tgt Ion:129 Resp: 51840
Ion Ratio Lower Upper
129 100
127 78.5 38.7 116.1

Manual Integrations
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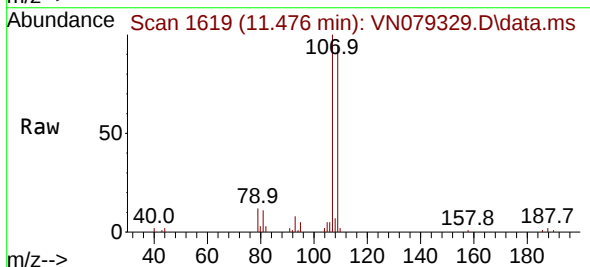
Reviewed By :John
Carlone

09/25/2023
Supervised By :Mahesh
Dadoda

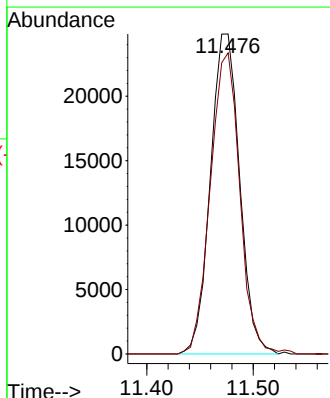
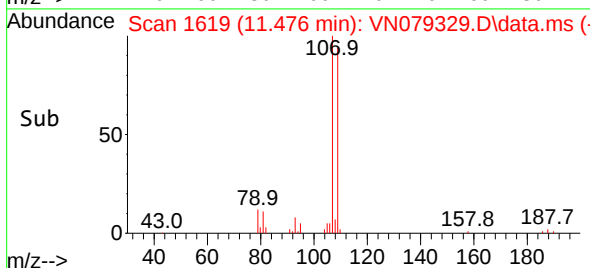
09/25/2023

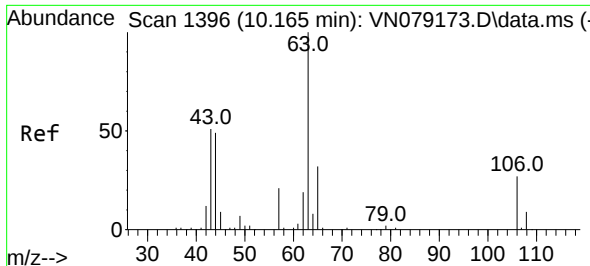


#54
1,2-Dibromoethane
Concen: 19.787 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VN079329.D
Acq: 22 Sep 2023 10:14



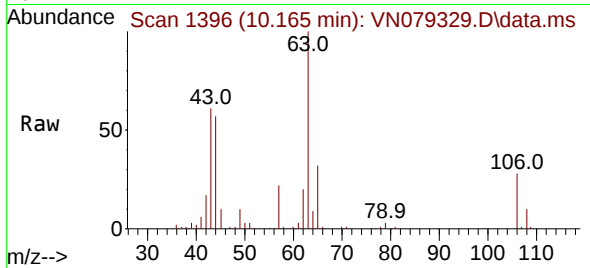
Tgt Ion:107 Resp: 47322
Ion Ratio Lower Upper
107 100
109 94.4 76.4 114.6





#55
2-Chloroethyl vinyl ether
Concen: 86.190 ug/l
RT: 10.165 min Scan# 111390
Delta R.T. -0.000 min
Lab File: VN079329.D
Acq: 22 Sep 2023 10:14

Instrument :
MSVOA_N
ClientSampleId :
VN0922WBSD01



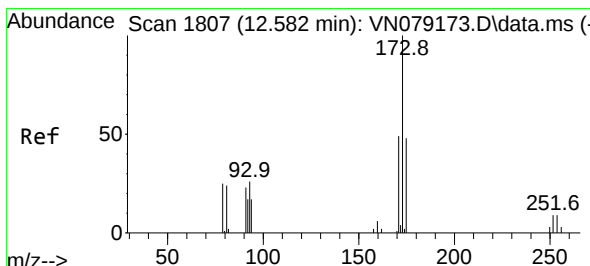
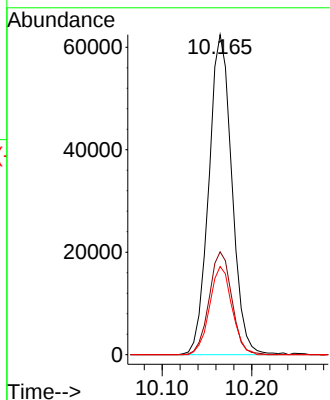
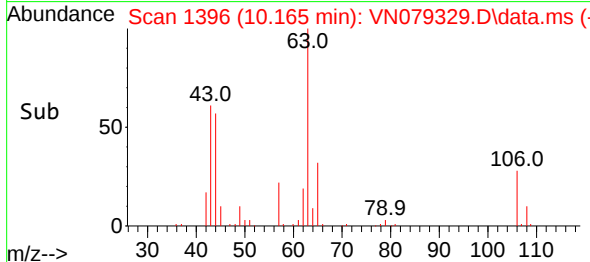
Tgt Ion: 63 Resp: 111390
Ion Ratio Lower Upper
63 100
65 31.5 25.7 38.5
106 26.8 21.9 32.9

Manual Integrations
APPROVED

Reviewed By :John
Carlone

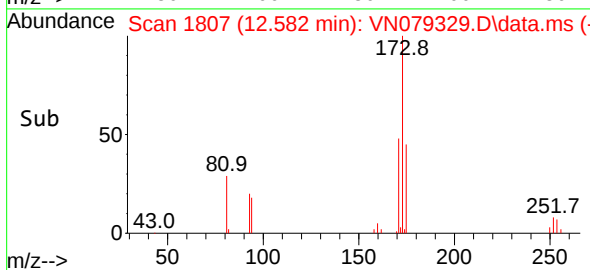
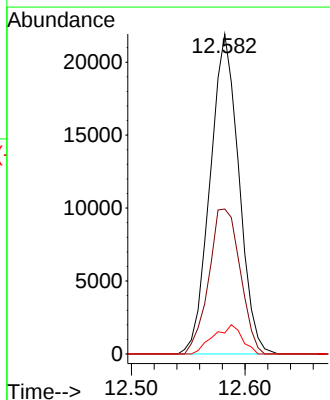
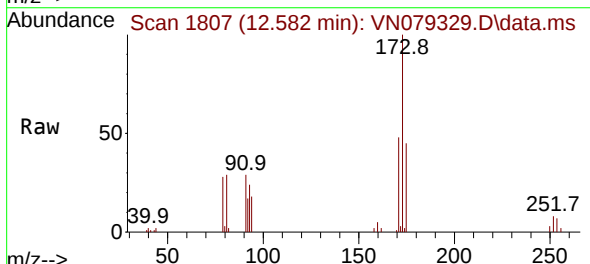
09/25/2023
Supervised By :Mahesh
Dadoda

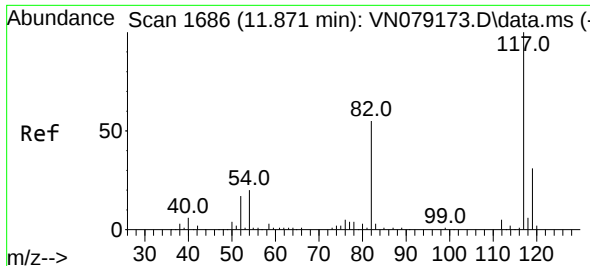
09/25/2023



#56
Bromoform
Concen: 22.386 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN079329.D
Acq: 22 Sep 2023 10:14

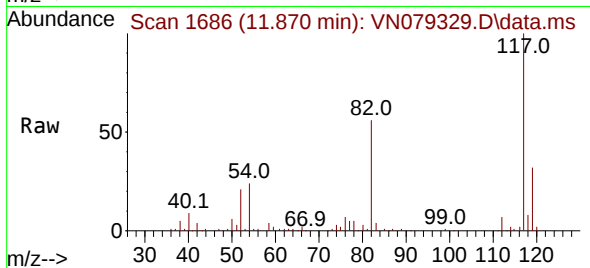
Tgt Ion:173 Resp: 38530
Ion Ratio Lower Upper
173 100
175 49.4 37.6 56.4
254 9.0 7.8 11.8





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.870 min Scan# 117
Delta R.T. -0.001 min
Lab File: VN079329.D
Acq: 22 Sep 2023 10:14

Instrument :
MSVOA_N
ClientSampleId :
VN0922WBSD01



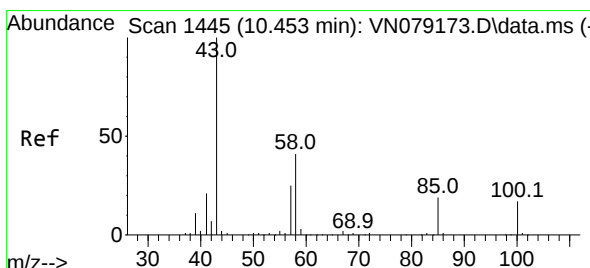
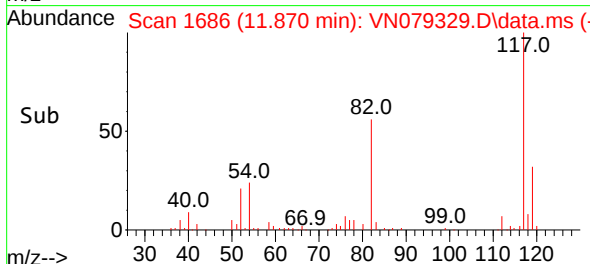
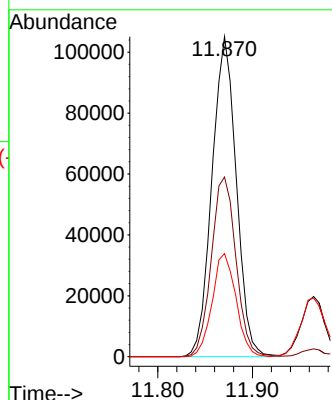
Tgt Ion:117 Resp: 187649
Ion Ratio Lower Upper
117 100
82 57.0 44.7 67.1
119 31.6 24.9 37.3

Manual Integrations
APPROVED

Reviewed By :John
Carlone

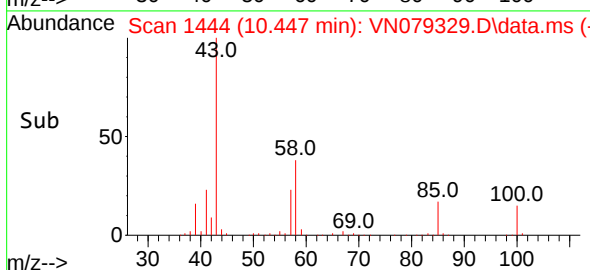
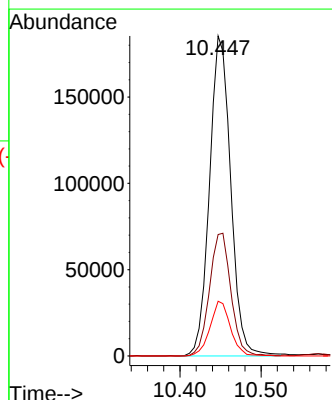
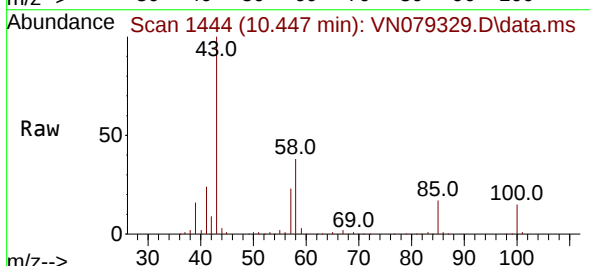
09/25/2023
Supervised By :Mahesh
Dadoda

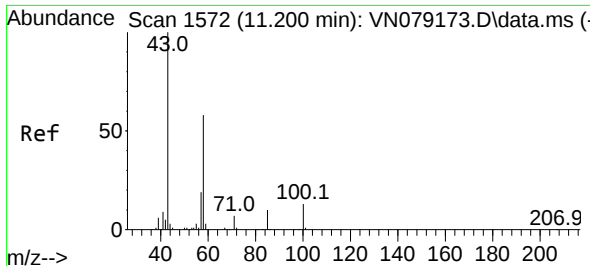
09/25/2023



#58
4-Methyl-2-Pentanone
Concen: 97.785 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.006 min
Lab File: VN079329.D
Acq: 22 Sep 2023 10:14

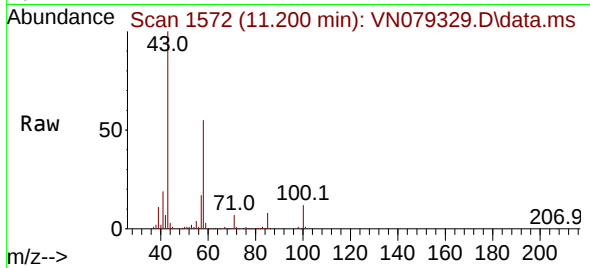
Tgt Ion: 43 Resp: 336711
Ion Ratio Lower Upper
43 100
58 38.8 33.6 50.4
85 16.4 15.0 22.4





#59
2-Hexanone
Concen: 100.031 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. -0.000 min
Lab File: VN079329.D
Acq: 22 Sep 2023 10:14

Instrument :
MSVOA_N
ClientSampleId :
VN0922WBSD01



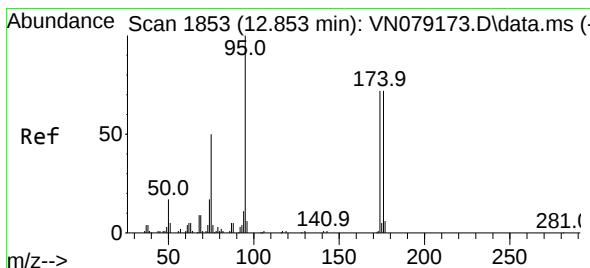
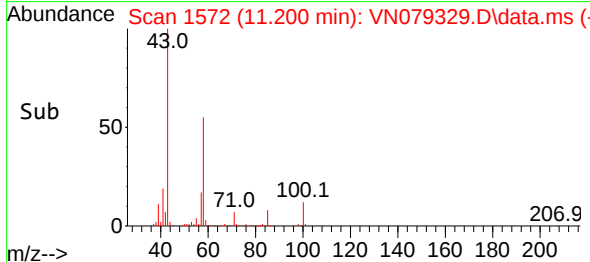
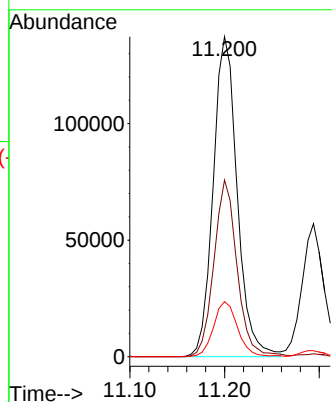
Tgt Ion: 43 Resp: 24190
Ion Ratio Lower Upper
43 100
58 53.1 46.4 69.6
57 17.2 15.3 22.9

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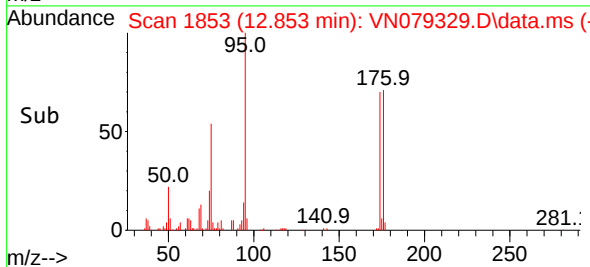
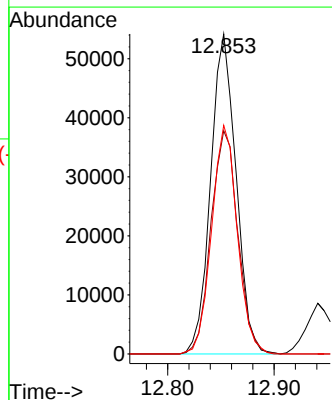
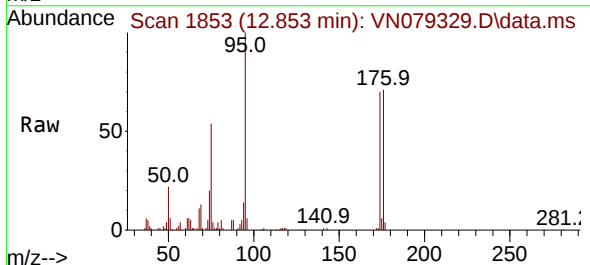
09/25/2023
Supervised By :Mahesh
Dadoda

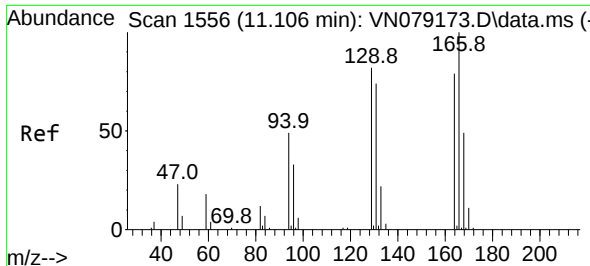
09/25/2023



#60
4-Bromofluorobenzene
Concen: 32.511 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079329.D
Acq: 22 Sep 2023 10:14

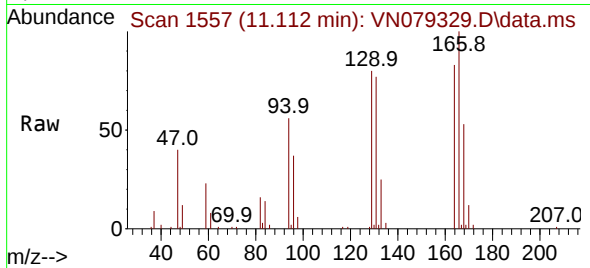
Tgt Ion: 95 Resp: 89888
Ion Ratio Lower Upper
95 100
174 73.8 59.5 89.3
176 71.8 59.1 88.7





#61
Tetrachloroethene
Concen: 18.657 ug/l
RT: 11.112 min Scan# 1111
Delta R.T. 0.006 min
Lab File: VN079329.D
Acq: 22 Sep 2023 10:14

Instrument :
MSVOA_N
ClientSampleId :
VN0922WBSD01



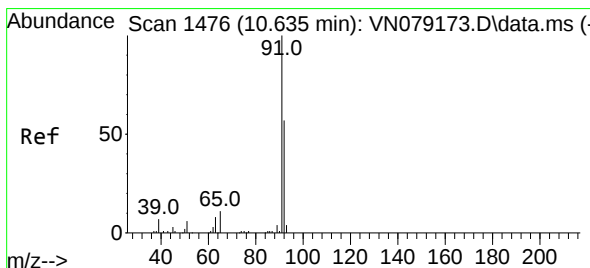
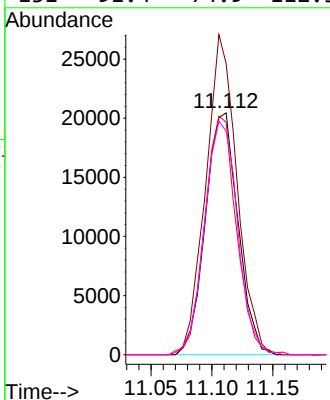
Tgt Ion:164 Resp: 3809
Ion Ratio Lower Upper
164 100
166 120.4 101.9 152.9
129 95.3 83.4 125.0
131 91.4 74.9 112.3

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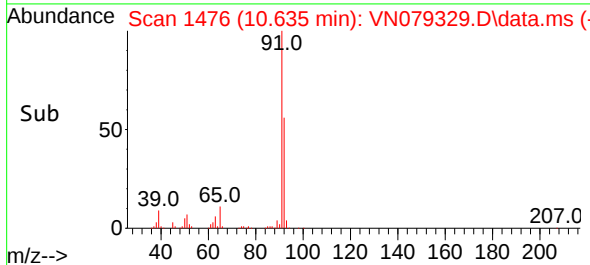
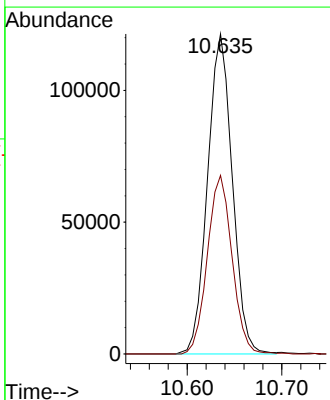
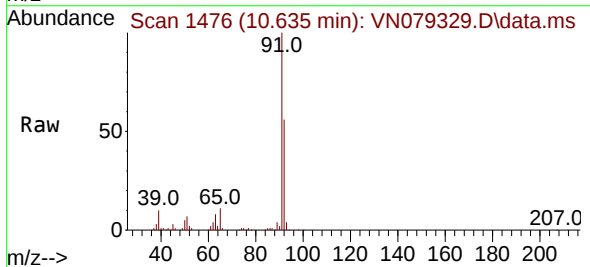
09/25/2023
Supervised By :Mahesh
Dadoda

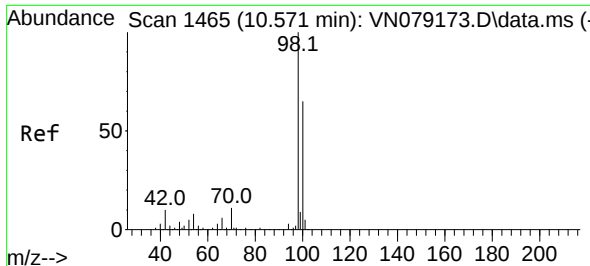
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#62
Toluene
Concen: 20.208 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079329.D
Acq: 22 Sep 2023 10:14

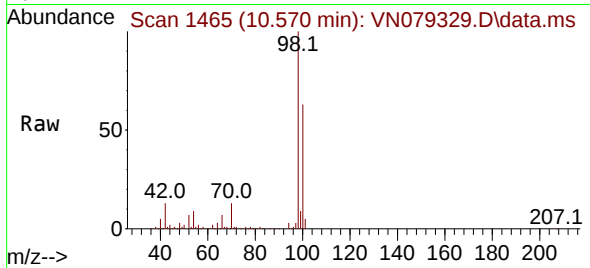
Tgt Ion: 91 Resp: 220784
Ion Ratio Lower Upper
91 100
92 55.7 45.7 68.5





#63
Toluene-d8
Concen: 29.533 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. -0.001 min
Lab File: VN079329.D
Acq: 22 Sep 2023 10:14

Instrument :
MSVOA_N
ClientSampleId :
VN0922WBSD01



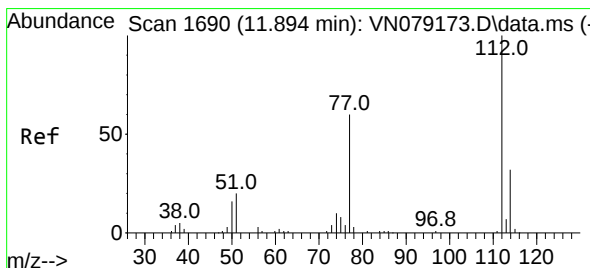
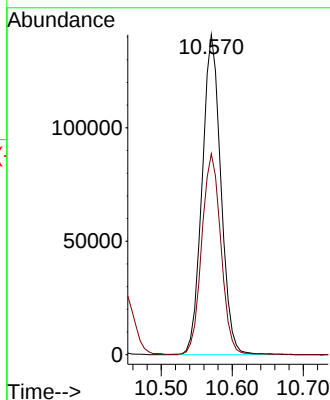
Tgt Ion: 98 Resp: 258984
Ion Ratio Lower Upper
98 100
100 63.6 52.5 78.7

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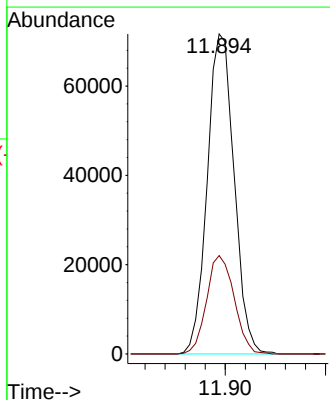
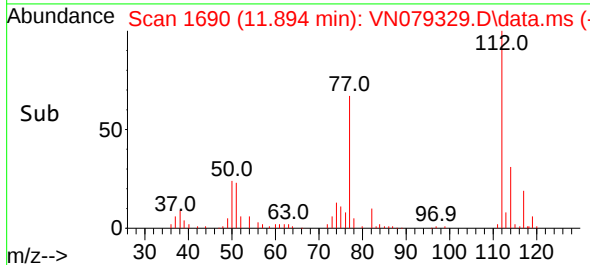
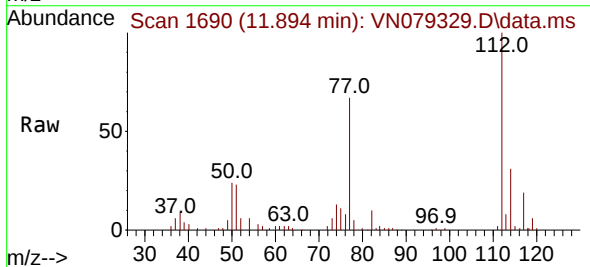
09/25/2023
Supervised By :Mahesh
Dadoda

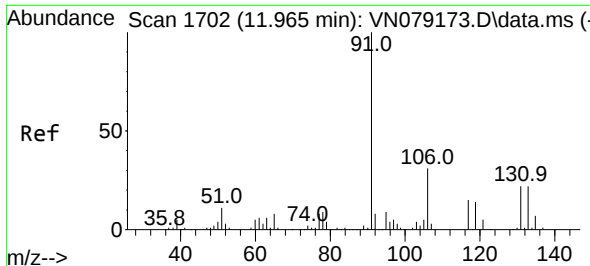
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#64
Chlorobenzene
Concen: 20.907 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. -0.000 min
Lab File: VN079329.D
Acq: 22 Sep 2023 10:14

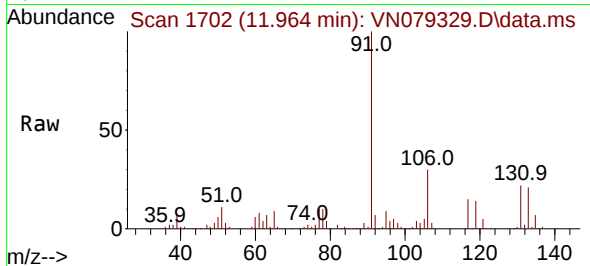
Tgt Ion:112 Resp: 133258
Ion Ratio Lower Upper
112 100
114 30.8 25.6 38.4





#65
1,1,1,2-Tetrachloroethane
Concen: 21.249 ug/l
RT: 11.964 min Scan# 1702
Delta R.T. -0.001 min
Lab File: VN079329.D
Acq: 22 Sep 2023 10:14

Instrument :
MSVOA_N
ClientSampleId :
VN0922WBSD01



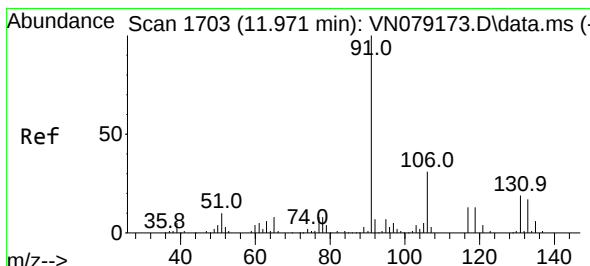
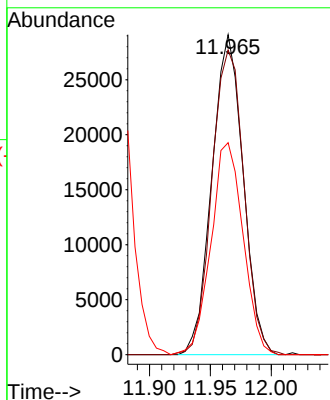
Tgt Ion:131 Resp: 51852
Ion Ratio Lower Upper
131 100
133 97.7 0.0 193.0
119 68.0 0.0 131.2

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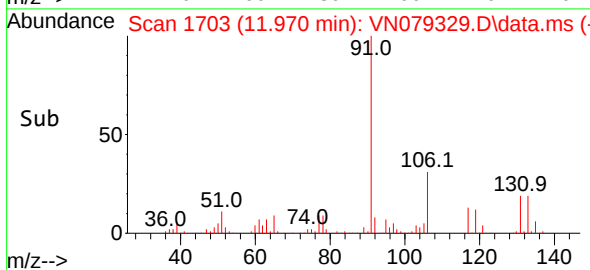
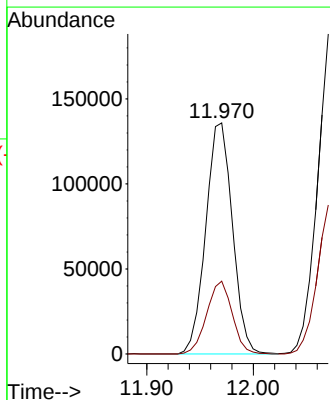
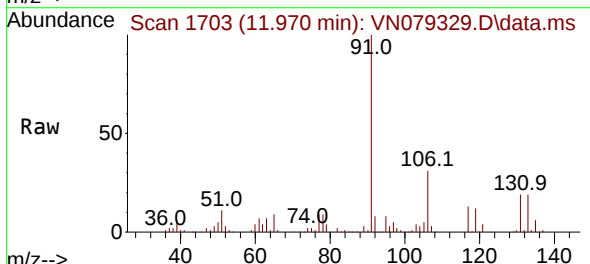
09/25/2023
Supervised By :Mahesh
Dadoda

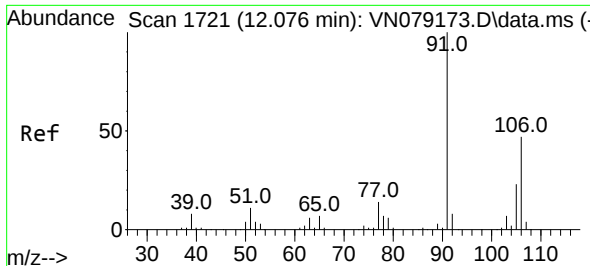
09/25/2023



#66
Ethyl Benzene
Concen: 21.498 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. -0.001 min
Lab File: VN079329.D
Acq: 22 Sep 2023 10:14

Tgt Ion: 91 Resp: 236488
Ion Ratio Lower Upper
91 100
106 31.5 25.0 37.6





#67
m/p-Xylenes
Concen: 43.681 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN079329.D
Acq: 22 Sep 2023 10:14

Instrument :
MSVOA_N
ClientSampleId :
VN0922WBSD01

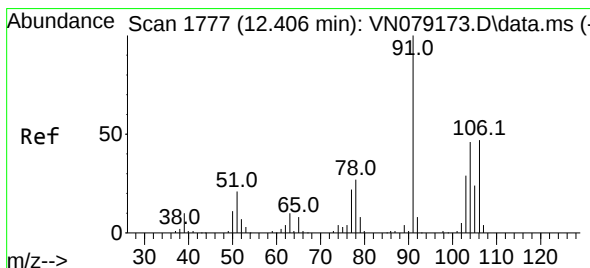
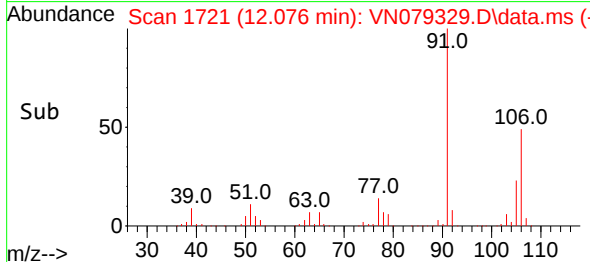
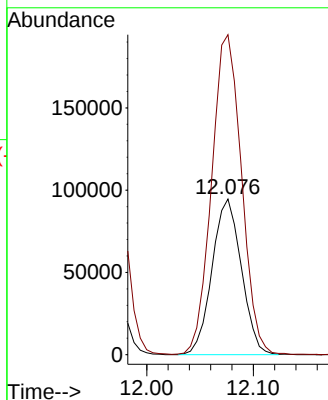
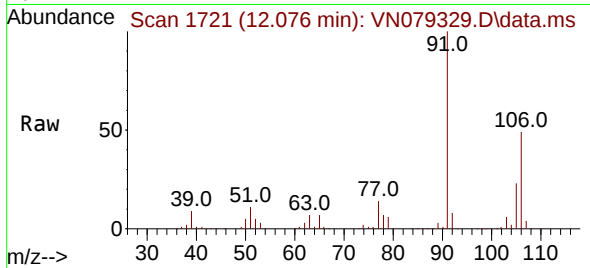
Tgt Ion:106 Resp: 180804
Ion Ratio Lower Upper
106 100
91 209.9 165.2 247.8

Manual Integrations
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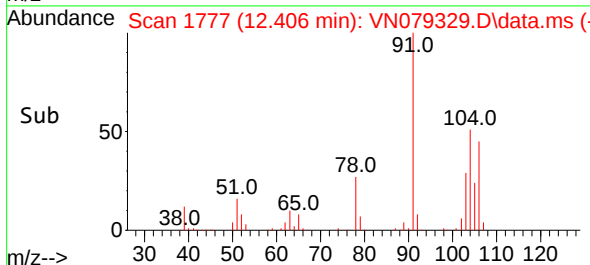
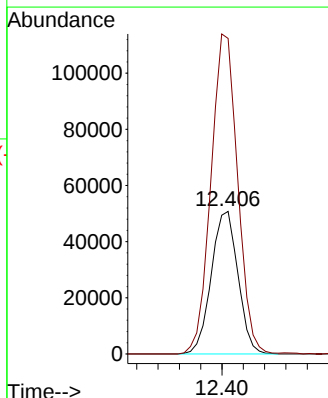
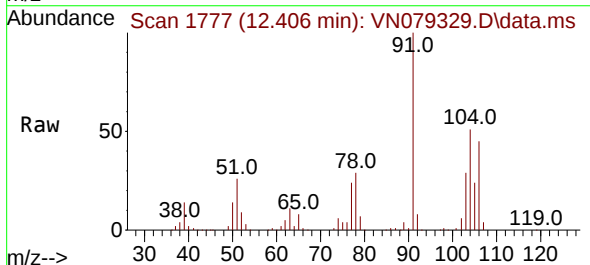
09/25/2023
Supervised By :Mahesh
Dadoda

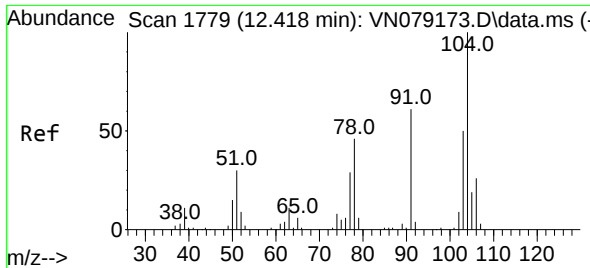
09/25/2023



#68
o-Xylene
Concen: 22.105 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN079329.D
Acq: 22 Sep 2023 10:14

Tgt Ion:106 Resp: 88240
Ion Ratio Lower Upper
106 100
91 224.0 109.7 329.1





#69
Styrene
Concen: 22.646 ug/l
RT: 12.417 min Scan# 1779
Delta R.T. -0.001 min
Lab File: VN079329.D
Acq: 22 Sep 2023 10:14

Instrument :
MSVOA_N
ClientSampleId :
VN0922WBSD01

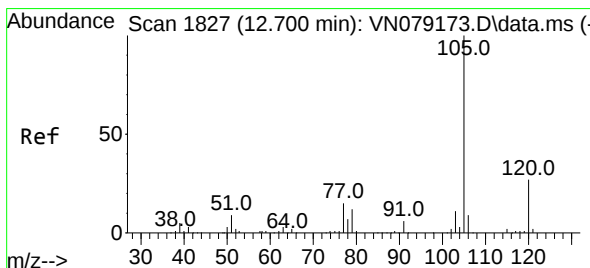
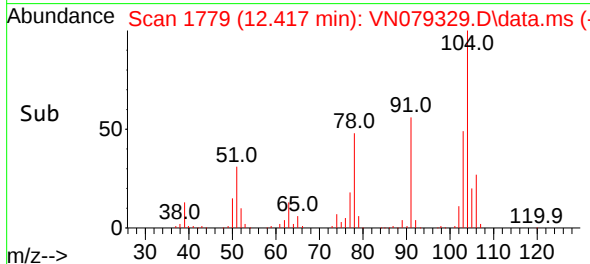
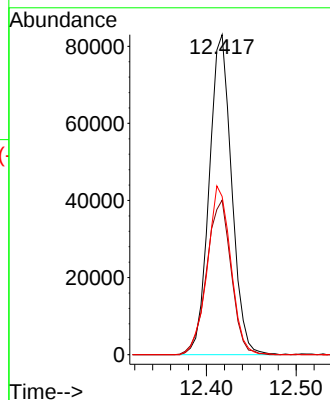
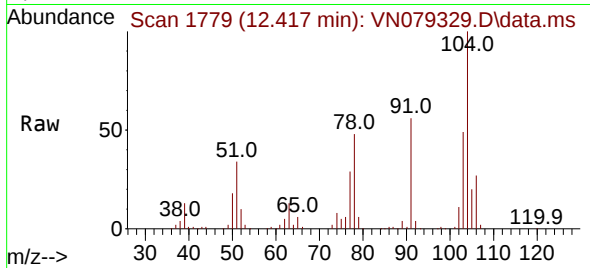
Tgt Ion:104 Resp: 14418
Ion Ratio Lower Upper
104 100
78 52.7 40.5 60.7
103 55.2 43.3 64.9

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Reviewed By :John
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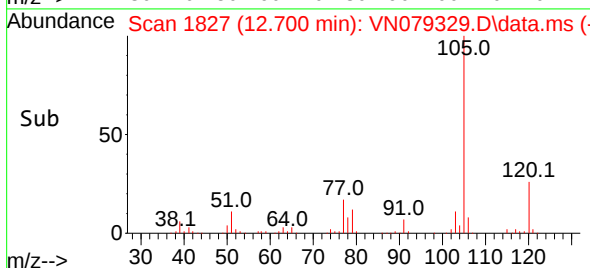
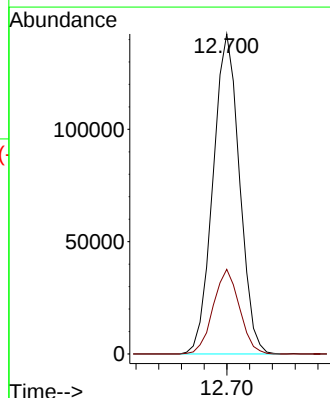
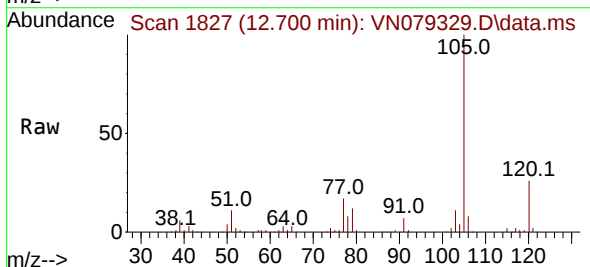
09/25/2023
Supervised By :Mahesh
Dadoda

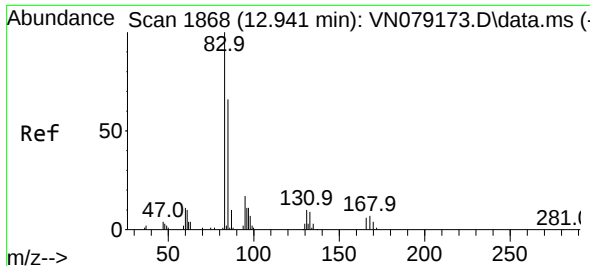
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#70
Isopropylbenzene
Concen: 22.732 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN079329.D
Acq: 22 Sep 2023 10:14

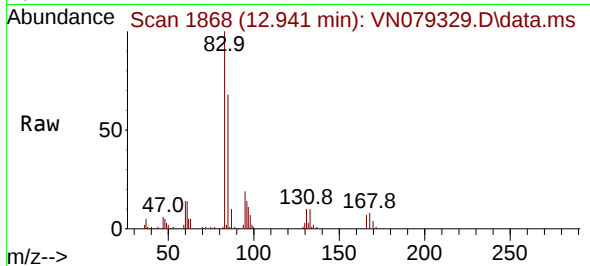
Tgt Ion:105 Resp: 230659
Ion Ratio Lower Upper
105 100
120 26.2 18.5 34.3





#71
1,1,2,2-Tetrachloroethane
Concen: 21.047 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN079329.D
Acq: 22 Sep 2023 10:14

Instrument :
MSVOA_N
ClientSampleId :
VN0922WBSD01



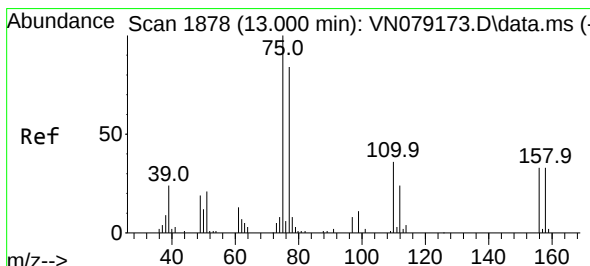
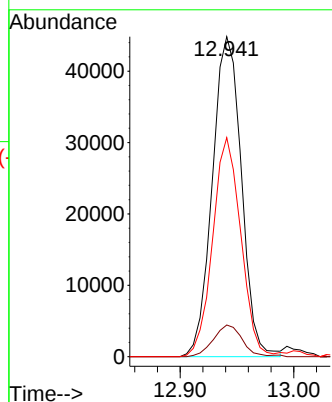
Tgt Ion: 83 Resp: 79890
Ion Ratio Lower Upper
83 100
131 9.7 4.9 14.6
85 65.9 33.1 99.3

Manual Integrations
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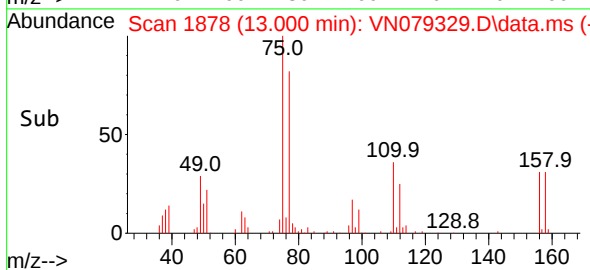
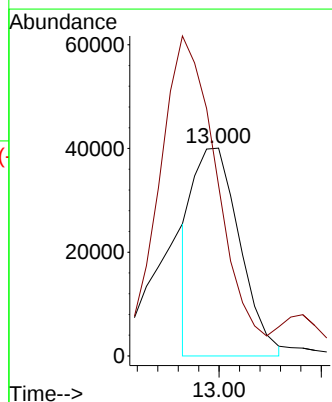
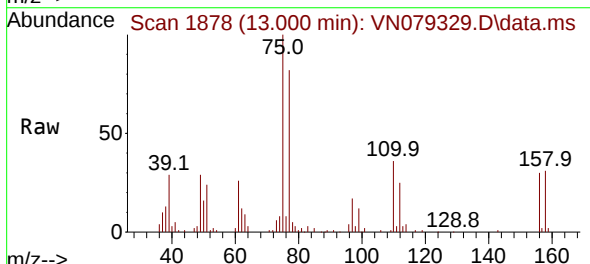
09/25/2023
Supervised By :Mahesh
Dadoda

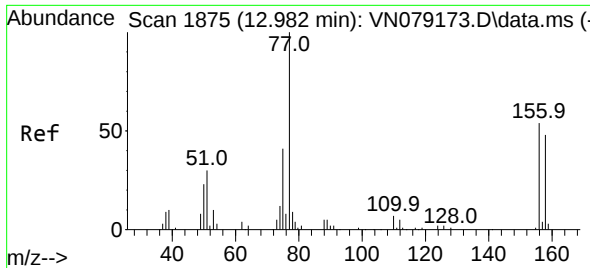
09/25/2023



#72
1,2,3-Trichloropropane
Concen: 19.966 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN079329.D
Acq: 22 Sep 2023 10:14

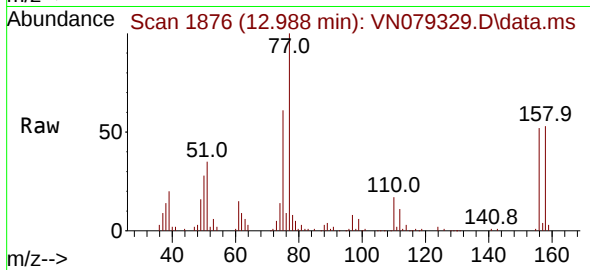
Tgt Ion: 75 Resp: 63765
Ion Ratio Lower Upper
75 100
77 193.4 0.0 252.2





#73
Bromobenzene
Concen: 20.576 ug/l
RT: 12.988 min Scan# 1876
Delta R.T. 0.006 min
Lab File: VN079329.D
Acq: 22 Sep 2023 10:14

Instrument :
MSVOA_N
ClientSampleId :
VN0922WBSD01



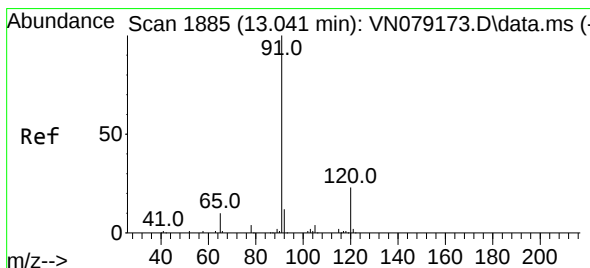
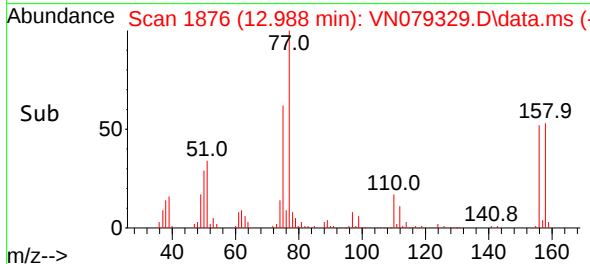
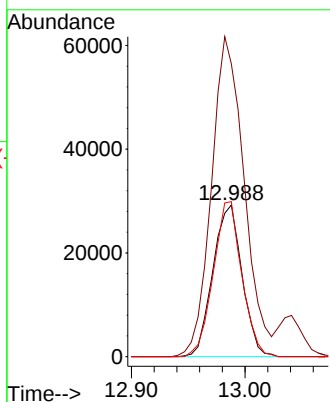
Tgt Ion:156 Resp: 52152
Ion Ratio Lower Upper
156 100
77 236.5 0.0 446.6
158 100.0 0.0 188.6

Manual Integrations
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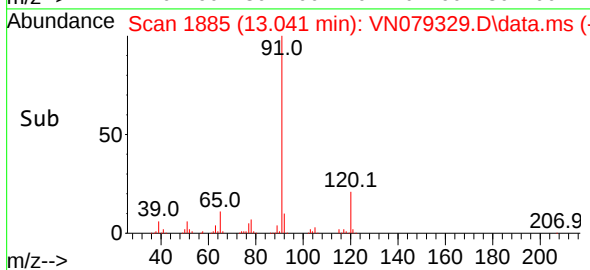
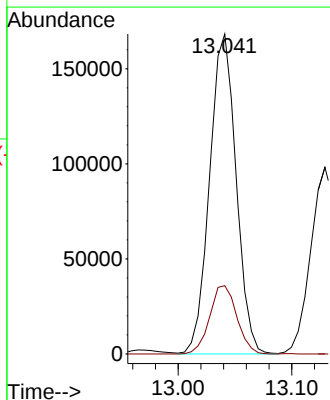
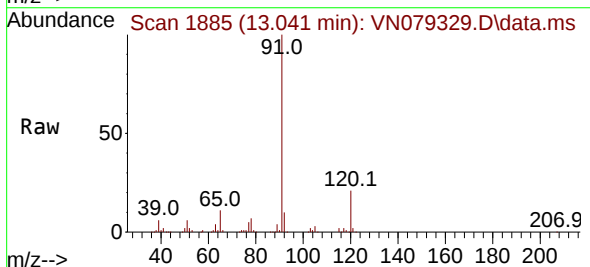
09/25/2023
Supervised By :Mahesh
Dadoda

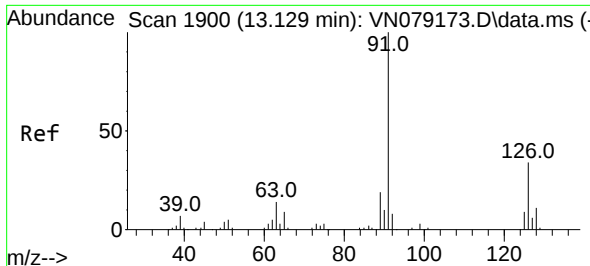
09/25/2023



#74
n-propylbenzene
Concen: 23.626 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VN079329.D
Acq: 22 Sep 2023 10:14

Tgt Ion: 91 Resp: 273140
Ion Ratio Lower Upper
91 100
120 21.8 0.0 44.0





#75
2-Chlorotoluene
Concen: 22.450 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN079329.D
Acq: 22 Sep 2023 10:14

Instrument :
MSVOA_N
ClientSampleId :
VN0922WBSD01

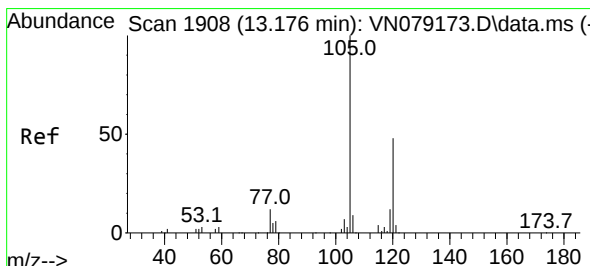
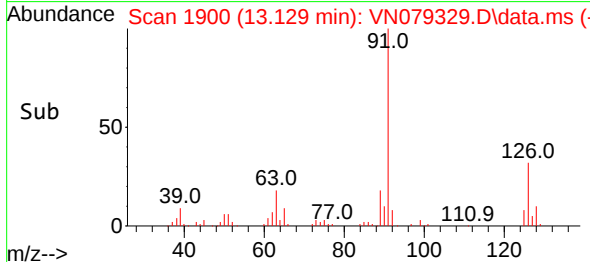
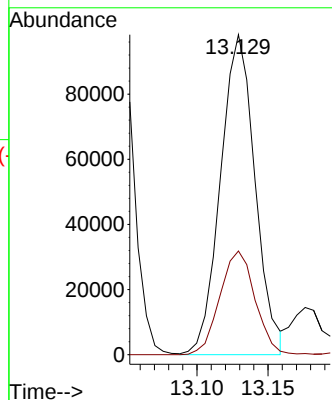
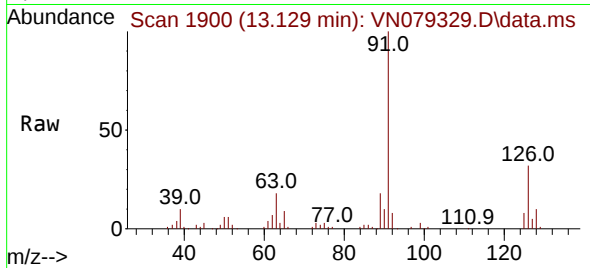
Tgt Ion: 91 Resp: 16642
Ion Ratio Lower Upper
91 100
126 33.0 0.0 65.4

Manual Integrations
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Reviewed By :John
Carlone

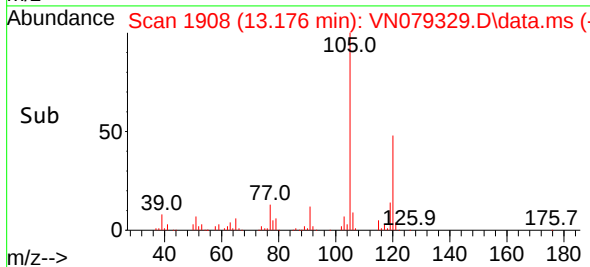
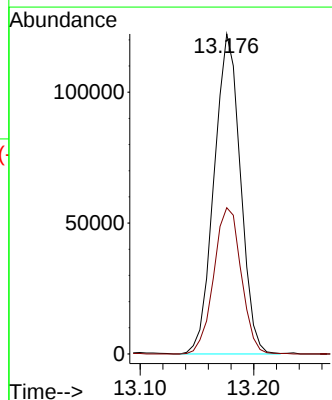
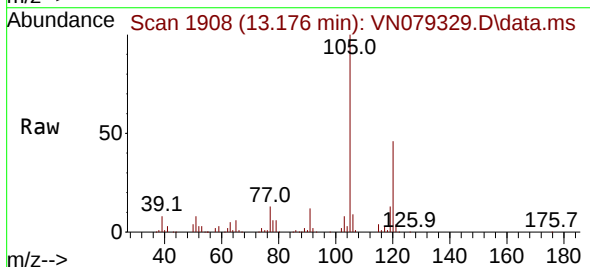
09/25/2023
Supervised By :Mahesh
Dadoda

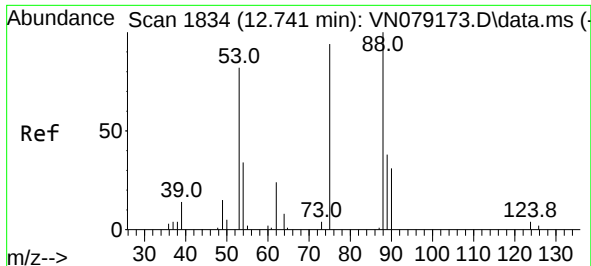
09/25/2023



#76
1,3,5-Trimethylbenzene
Concen: 23.457 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN079329.D
Acq: 22 Sep 2023 10:14

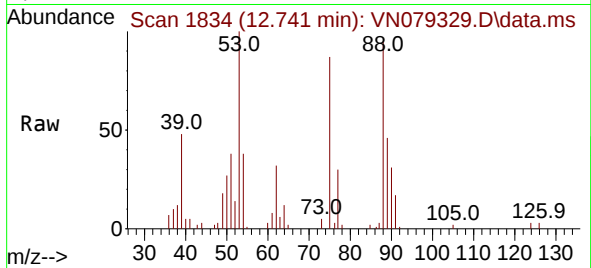
Tgt Ion:105 Resp: 196797
Ion Ratio Lower Upper
105 100
120 47.6 0.0 95.6





#77
t-1,4-Dichloro-2-butene
Concen: 20.254 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. -0.000 min
Lab File: VN079329.D
Acq: 22 Sep 2023 10:14

Instrument :
MSVOA_N
ClientSampleId :
VN0922WBSD01



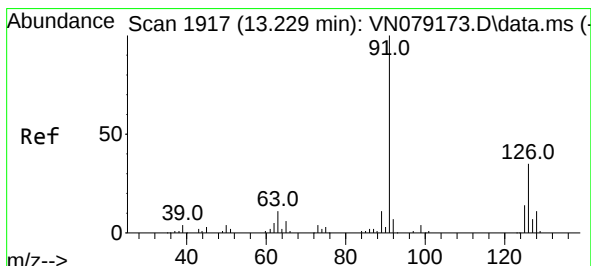
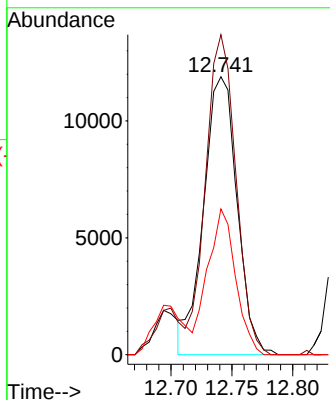
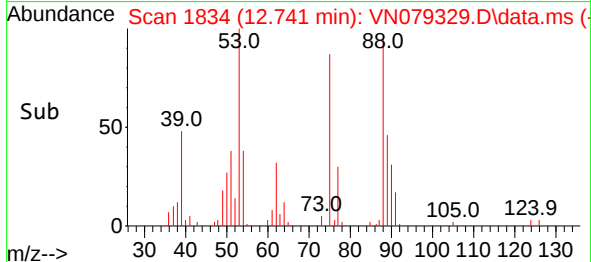
Tgt Ion: 75 Resp: 22774
Ion Ratio Lower Upper
75 100
53 115.1 44.1 132.4
89 52.4 22.4 67.3

Manual Integrations
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Reviewed By :John
Carlone

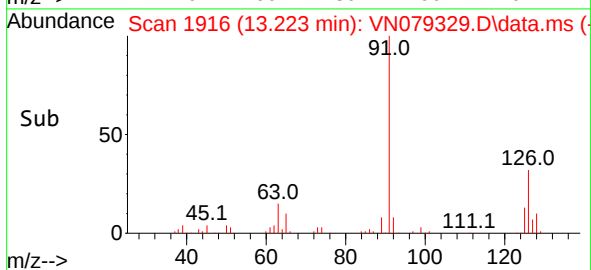
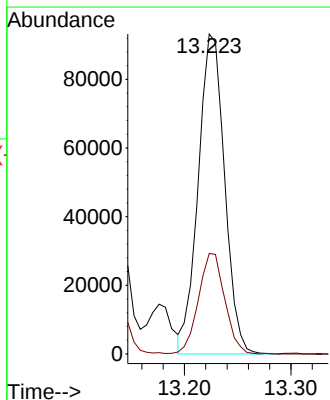
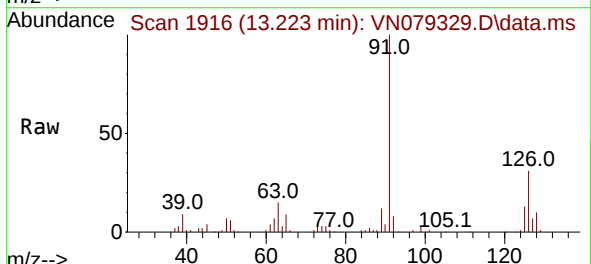
09/25/2023
Supervised By :Mahesh
Dadoda

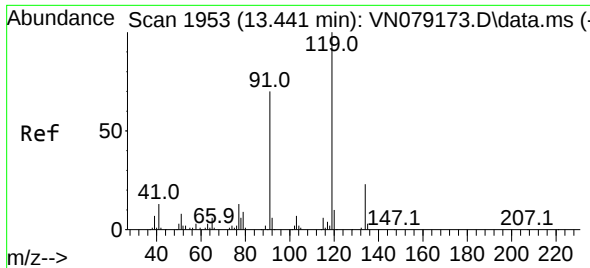
09/25/2023



#78
4-Chlorotoluene
Concen: 22.941 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.006 min
Lab File: VN079329.D
Acq: 22 Sep 2023 10:14

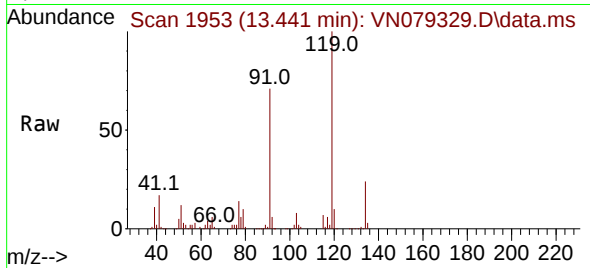
Tgt Ion: 91 Resp: 160585
Ion Ratio Lower Upper
91 100
126 31.4 0.0 66.6





#79
tert-butylbenzene
Concen: 24.006 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN079329.D
Acq: 22 Sep 2023 10:14

Instrument :
MSVOA_N
ClientSampleId :
VN0922WBSD01



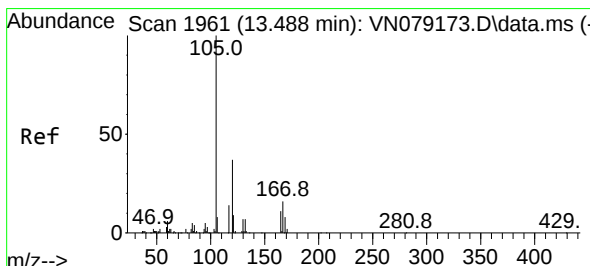
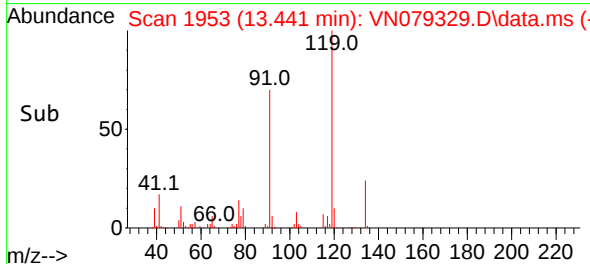
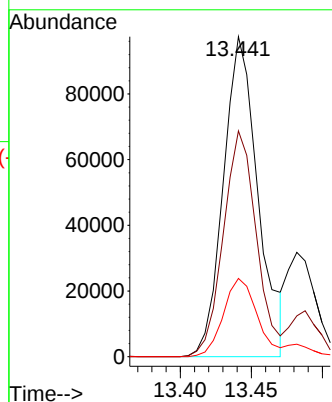
Tgt Ion:119 Resp: 165319
Ion Ratio Lower Upper
119 100
91 67.6 0.0 130.8
134 23.8 0.0 48.8

Manual Integrations
APPROVED

Reviewed By :John
Carlone

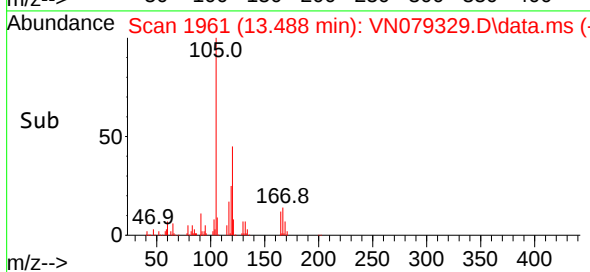
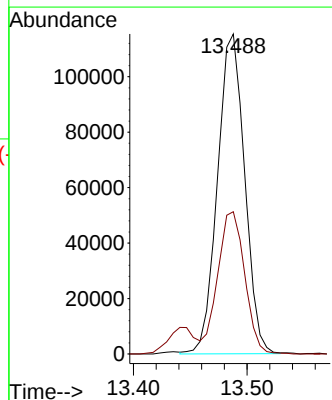
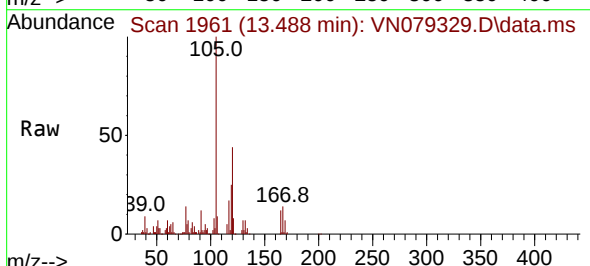
09/25/2023
Supervised By :Mahesh
Dadoda

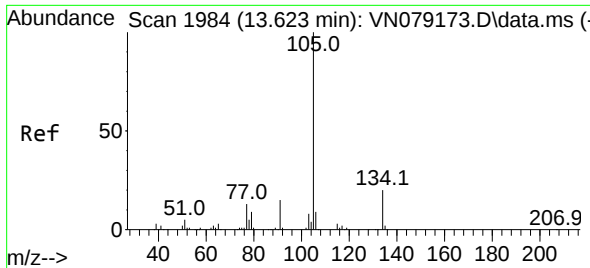
09/25/2023



#80
1,2,4-Trimethylbenzene
Concen: 23.908 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. -0.000 min
Lab File: VN079329.D
Acq: 22 Sep 2023 10:14

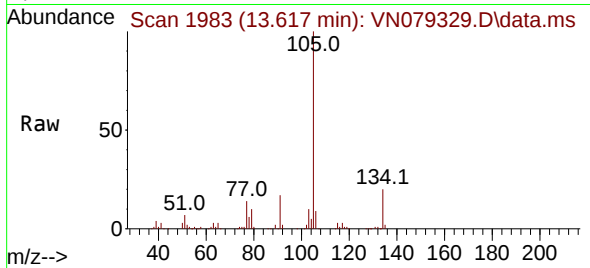
Tgt Ion:105 Resp: 191557
Ion Ratio Lower Upper
105 100
120 44.3 0.0 90.0





#81
 sec-Butylbenzene
 Concen: 23.594 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.006 min
 Lab File: VN079329.D
 Acq: 22 Sep 2023 10:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0922WBSD01



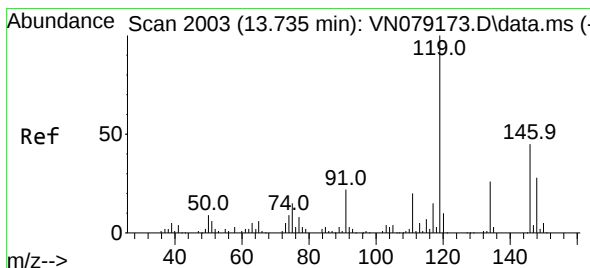
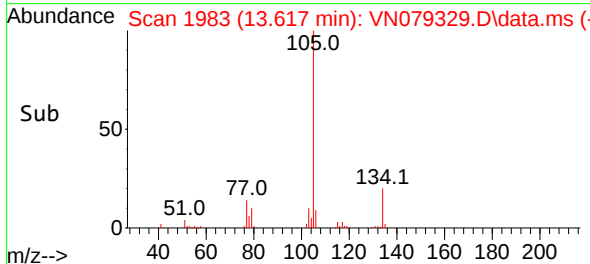
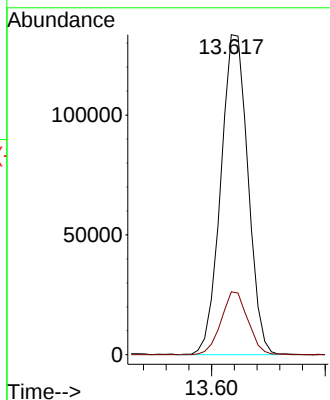
Tgt Ion:105 Resp: 222300
 Ion Ratio Lower Upper
 105 100
 134 19.3 0.0 38.6

Manual Integrations
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Reviewed By :John
 Carlone

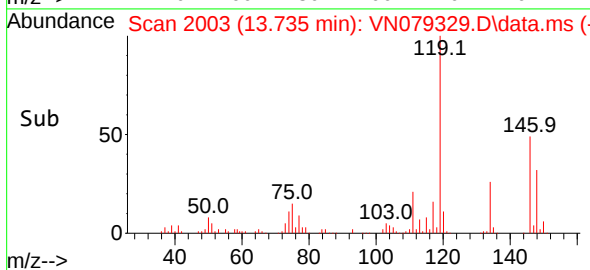
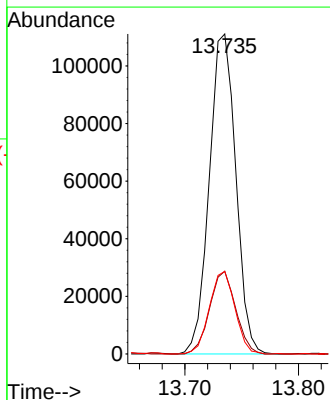
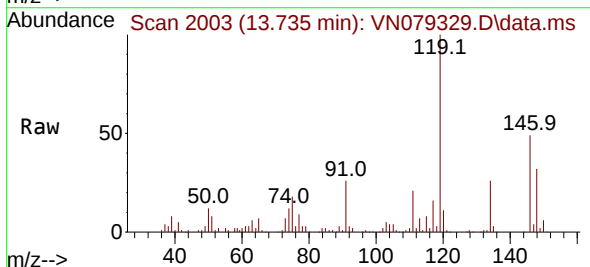
09/25/2023
 Supervised By :Mahesh
 Dadoda

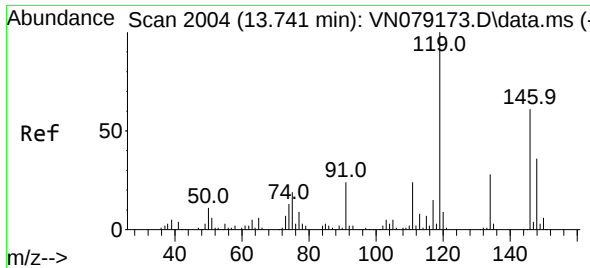
09/25/2023



#82
 p-Isopropyltoluene
 Concen: 24.210 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. -0.000 min
 Lab File: VN079329.D
 Acq: 22 Sep 2023 10:14

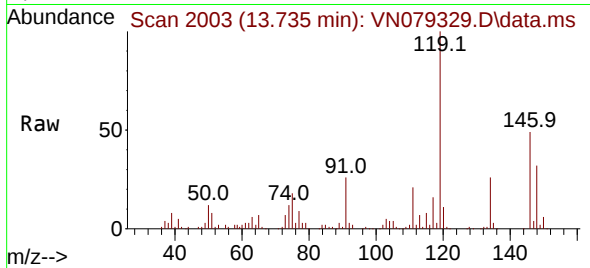
Tgt Ion:119 Resp: 180186
 Ion Ratio Lower Upper
 119 100
 134 25.4 0.0 53.8
 91 24.8 0.0 48.0





#83
1,3-Dichlorobenzene
Concen: 22.799 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.006 min
Lab File: VN079329.D
Acq: 22 Sep 2023 10:14

Instrument :
MSVOA_N
ClientSampleId :
VN0922WBSD01



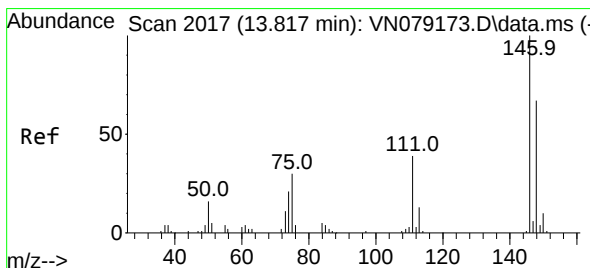
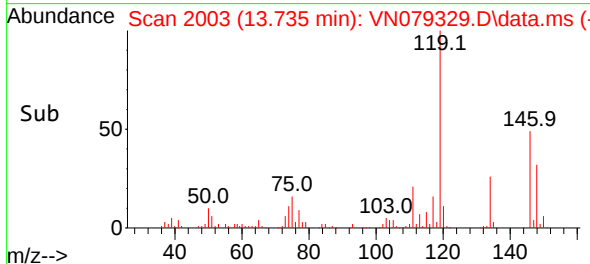
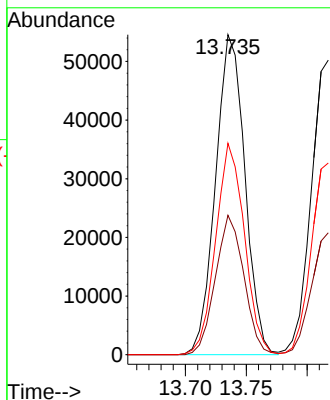
Tgt Ion:146 Resp: 91772
Ion Ratio Lower Upper
146 100
111 42.2 20.5 61.5
148 64.7 31.8 95.3

Manual Integrations
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Reviewed By :John
Carlone

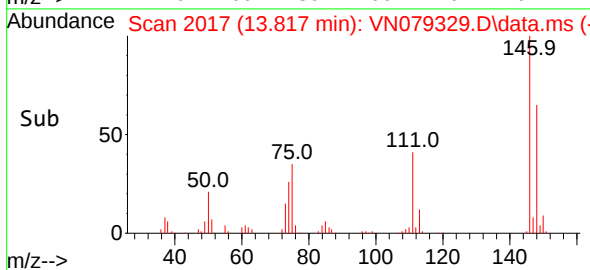
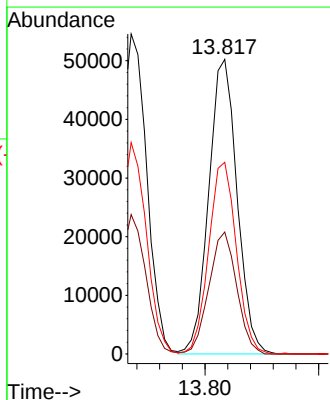
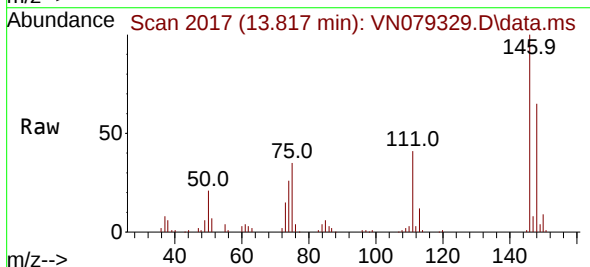
09/25/2023
Supervised By :Mahesh
Dadoda

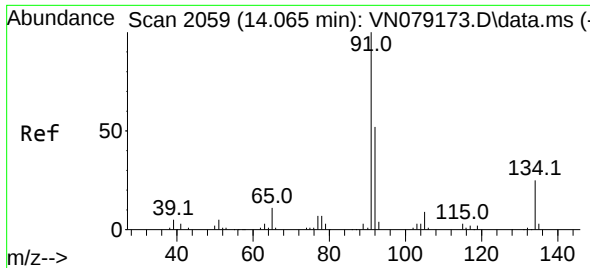
09/25/2023



#84
1,4-Dichlorobenzene
Concen: 23.096 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. 0.000 min
Lab File: VN079329.D
Acq: 22 Sep 2023 10:14

Tgt Ion:146 Resp: 87191
Ion Ratio Lower Upper
146 100
111 40.6 19.5 58.5
148 63.6 32.1 96.5





#85
n-Butylbenzene
Concen: 23.958 ug/l
RT: 14.058 min Scan# 2058
Delta R.T. -0.007 min
Lab File: VN079329.D
Acq: 22 Sep 2023 10:14

Instrument :

MSVOA_N

ClientSampleId :

VN0922WBSD01

Tgt Ion: 91 Resp: 135810
Ion Ratio Lower Upper
91 100
92 51.6 0.0 105.0
134 23.8 0.0 49.6

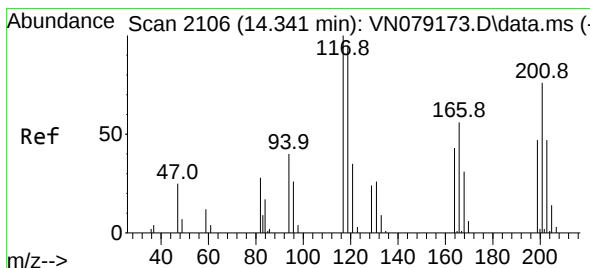
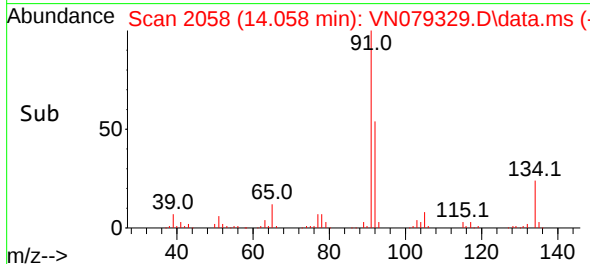
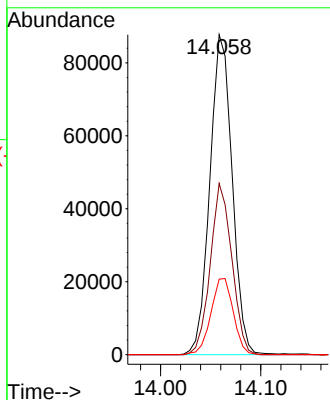
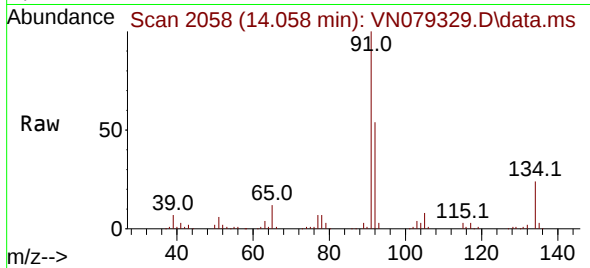
Manual Integrations
APPROVED

Reviewed By :John
Carlone

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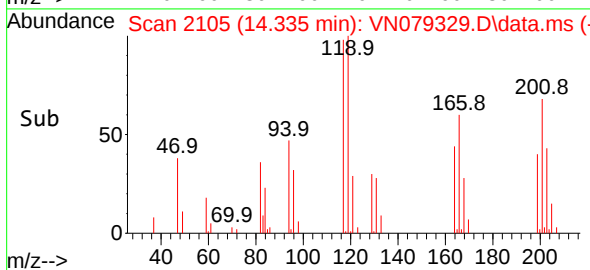
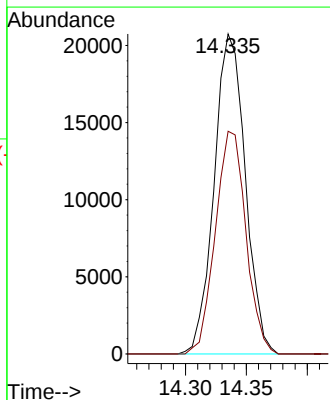
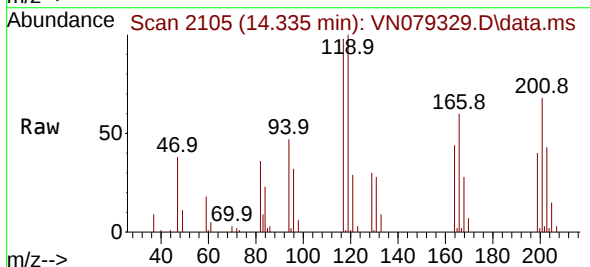
Supervised By :Mahesh
Dadoda

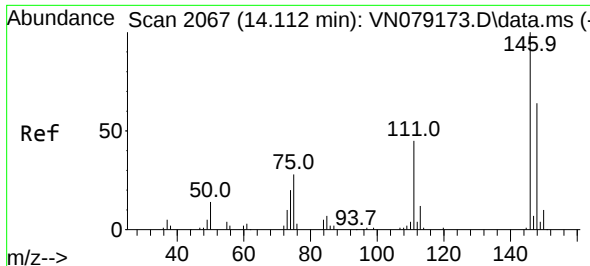
09/25/2023



#86
Hexachloroethane
Concen: 25.034 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.006 min
Lab File: VN079329.D
Acq: 22 Sep 2023 10:14

Tgt Ion:117 Resp: 36890
Ion Ratio Lower Upper
117 100
201 68.3 37.2 111.6





#87

1,2-Dichlorobenzene

Concen: 23.309 ug/l

RT: 14.111 min Scan# 2067

Delta R.T. -0.001 min

Lab File: VN079329.D

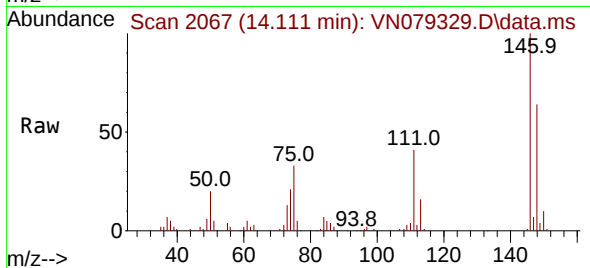
Acq: 22 Sep 2023 10:14

Instrument :

MSVOA_N

ClientSampleId :

VN0922WBSD01



Tgt Ion:146 Resp: 92592

Ion	Ratio	Lower	Upper
146	100		
111	42.4	21.5	64.5
148	62.8	31.8	95.3

Manual Integrations

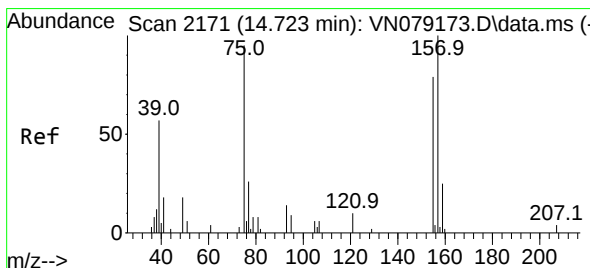
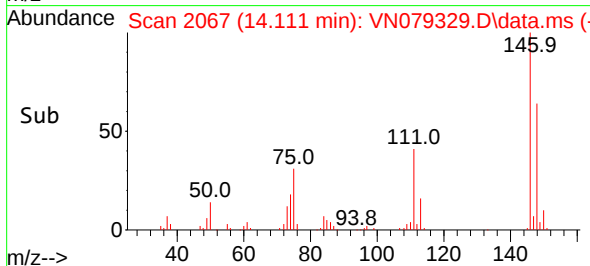
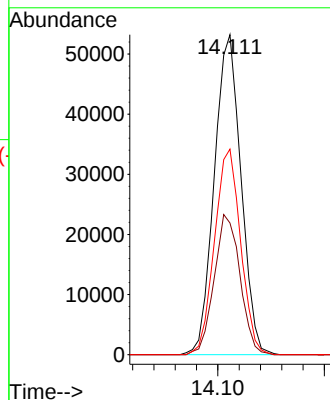
APPROVED

Reviewed By :John
Carlone

09/25/2023

Supervised By :Mahesh
Dadoda

09/25/2023



#88

1,2-Dibromo-3-Chloropropane

Concen: 17.926 ug/l

RT: 14.723 min Scan# 2171

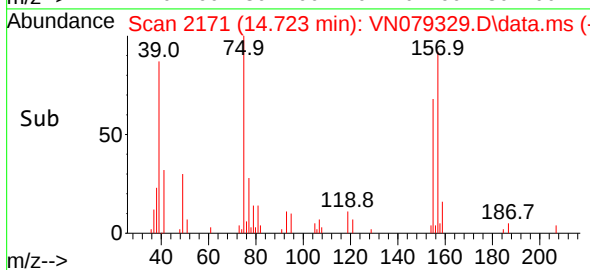
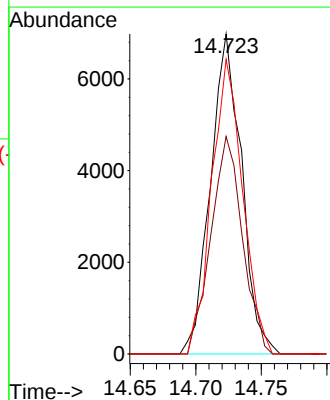
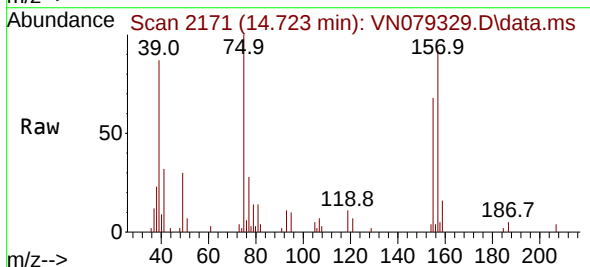
Delta R.T. 0.000 min

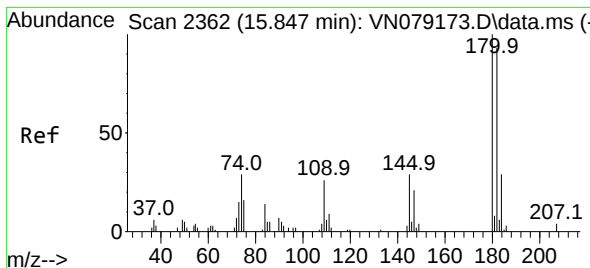
Lab File: VN079329.D

Acq: 22 Sep 2023 10:14

Tgt Ion: 75 Resp: 11501

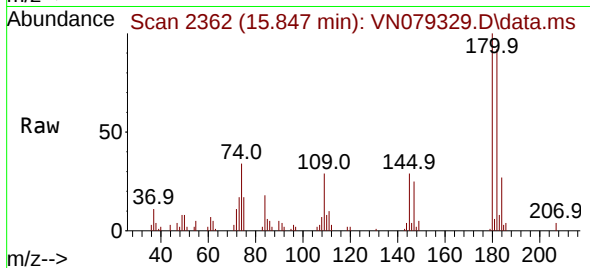
Ion	Ratio	Lower	Upper
75	100		
155	69.1	68.1	102.1
157	92.2	83.9	125.9





#89
1,2,4-Trichlorobenzene
Concen: 16.872 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. -0.000 min
Lab File: VN079329.D
Acq: 22 Sep 2023 10:14

Instrument :
MSVOA_N
ClientSampleId :
VN0922WBSD01



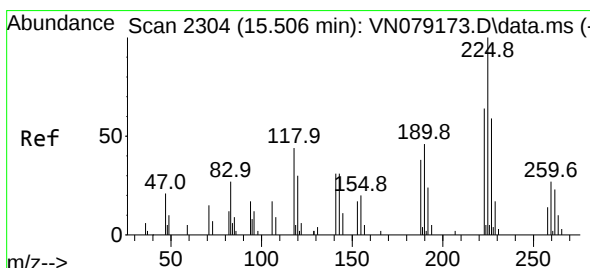
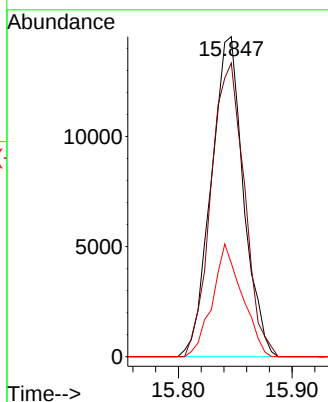
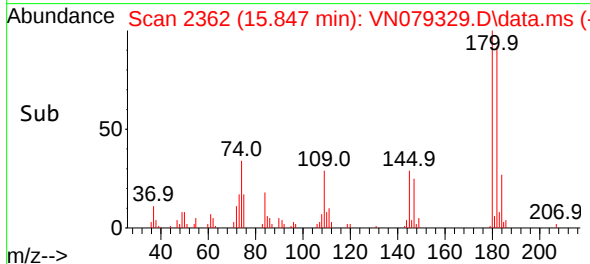
Tgt Ion:180 Resp: 28680
Ion Ratio Lower Upper
180 100
182 95.1 74.5 111.7
145 32.5 26.2 39.2

Manual Integrations
APPROVED

Reviewed By :John
Carlone

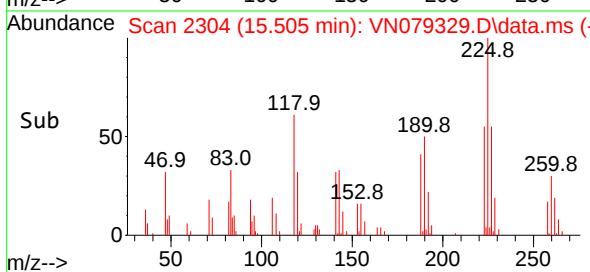
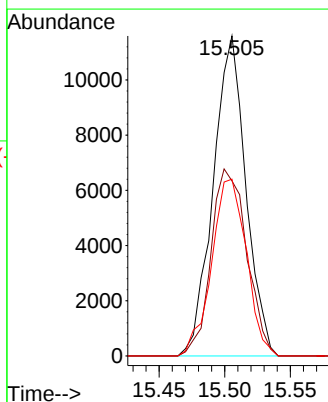
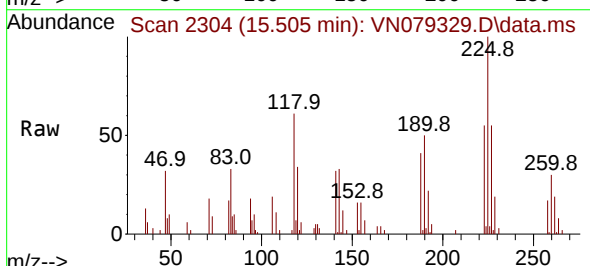
09/25/2023
Supervised By :Mahesh
Dadoda

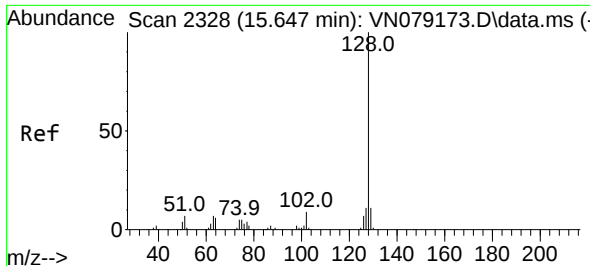
09/25/2023



#90
Hexachlorobutadiene
Concen: 19.486 ug/l
RT: 15.505 min Scan# 2304
Delta R.T. -0.001 min
Lab File: VN079329.D
Acq: 22 Sep 2023 10:14

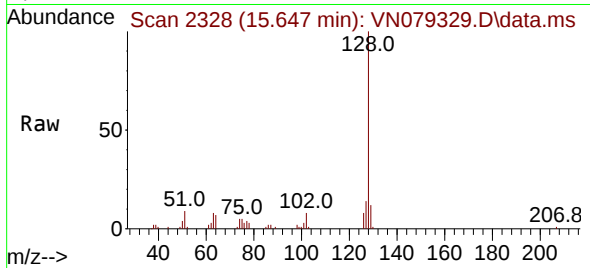
Tgt Ion:225 Resp: 20120
Ion Ratio Lower Upper
225 100
223 63.7 0.0 125.6
227 58.9 0.0 124.0





#91
Naphthalene
Concen: 14.609 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. -0.000 min
Lab File: VN079329.D
Acq: 22 Sep 2023 10:14

Instrument :
MSVOA_N
ClientSampleId :
VN0922WBSD01



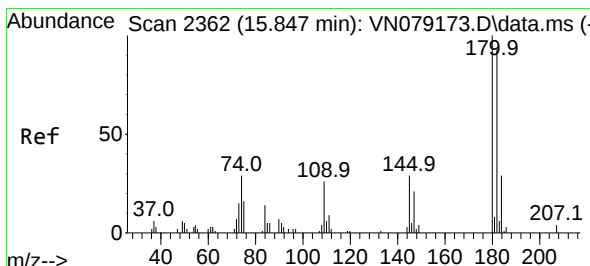
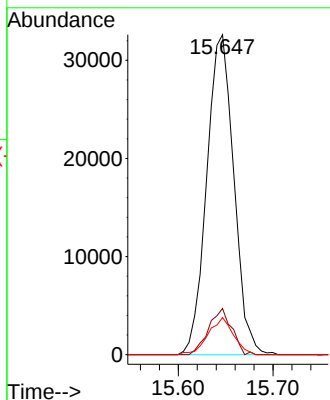
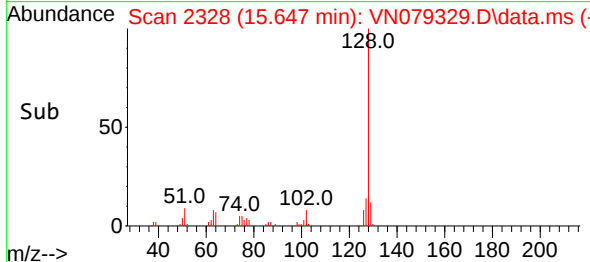
Tgt Ion:128 Resp: 64894
Ion Ratio Lower Upper
128 100
127 12.2 10.1 15.1
129 10.8 8.5 12.7

Manual Integrations
APPROVED

Reviewed By :John
Carlone

09/25/2023
Supervised By :Mahesh
Dadoda

09/25/2023



#92
1,2,3-Trichlorobenzene
Concen: 16.872 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. -0.000 min
Lab File: VN079329.D
Acq: 22 Sep 2023 10:14

Tgt Ion:180 Resp: 28680
Ion Ratio Lower Upper
180 100
182 95.1 0.0 186.2
145 32.5 0.0 65.4

