

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092223\
 Data File : VN079328.D
 Acq On : 22 Sep 2023 09:50
 Operator : JC\MD
 Sample : VN0922WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0922WBS01

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone
 09/25/2023

Supervised By :Mahesh
 Dadoda
 09/25/2023

Quant Time: Sep 23 00:38:22 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

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

Internal Standards						
1) Bromochloromethane	7.818	128	39828	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	208564	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.870	117	192596	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.582	65	96931	32.393	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 107.967%			
60) 4-Bromofluorobenzene	12.853	95	94613	33.340	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 111.133%			
63) Toluene-d8	10.571	98	279573	31.061	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 103.533%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.130	85	44578	20.068	ug/l	100
3) Chloromethane	2.365	50	54854	24.627	ug/l	91
4) Vinyl Chloride	2.518	62	62822	28.508	ug/l	97
5) Bromomethane	2.953	94	35560	26.292	ug/l	92
6) Chloroethane	3.118	64	43266	32.058	ug/l #	81
7) Trichlorofluoromethane	3.495	101	76436	29.135	ug/l	100
8) Diethyl Ether	3.959	74	26164	27.199	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.377	101	43010	29.749	ug/l	77
10) 1,1-Dichloroethene	4.342	96	38559	27.525	ug/l	95
11) Methyl Iodide	4.594	142	44569	25.257	ug/l	96
12) Methyl Acetate	5.030	43	93305	28.580	ug/l	95
13) Acrolein	4.183	56	38936	130.950	ug/l	97
14) Acrylonitrile	5.724	53	118806	124.042	ug/l	98
15) Acetone	4.430	58	40470	161.976	ug/l	87
16) Carbon Disulfide	4.718	76	109214	26.384	ug/l	95
17) Allyl chloride	5.018	41	61795m	27.452	ug/l	
18) Methylene Chloride	5.277	84	51167	27.232	ug/l #	86
19) trans-1,2-Dichloroethene	5.794	96	45277	25.833	ug/l	96
20) Diisopropyl ether	6.671	45	160475	23.880	ug/l #	90
21) 1,1-Dichloroethane	6.571	63	92773	23.565	ug/l	97
22) cis-1,2-Dichloroethene	7.488	96	53073	19.362	ug/l	94
23) tert-Butyl Alcohol	5.530	59	37104m	100.702	ug/l	
24) Methyl tert-Butyl Ether	5.800	73	138128	24.983	ug/l	93
25) Chloroform	7.965	83	95021	20.016	ug/l	96
26) Cyclohexane	8.265	56	65960	18.476	ug/l #	100
29) 1,1-Dichloropropene	8.377	75	66883	20.001	ug/l	97
30) 2-Butanone	7.488	43	170441	101.337	ug/l	96
31) 2,2-Dichloropropane	7.494	77	74317	22.281	ug/l	100
32) 1,1,1-Trichloroethane	8.177	97	79974	20.300	ug/l	95
33) Carbon Tetrachloride	8.365	117	67911	20.067	ug/l	97
34) Benzene	8.612	78	204229	19.223	ug/l	98
35) Methacrylonitrile	7.788	41	35703	19.715	ug/l	91
36) 1,2-Dichloroethane	8.677	62	72902	20.806	ug/l	97
37) Trichloroethene	9.359	130	45574	18.148	ug/l	100
38) Methylcyclohexane	9.606	83	63636	19.036	ug/l	97
39) 1,2-Dichloropropane	9.624	63	54292	19.811	ug/l	94
40) Dibromomethane	9.712	93	37102	20.529	ug/l	91
41) Bromodichloromethane	9.894	83	75339	20.912	ug/l #	95
42) Vinyl Acetate	6.612	43	452553	113.298	ug/l	96

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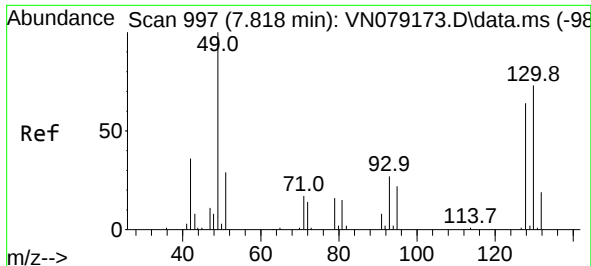
Manual Integrations APPROVED

Reviewed By :John
 Carlone
 09/25/2023

Supervised By :Mahesh
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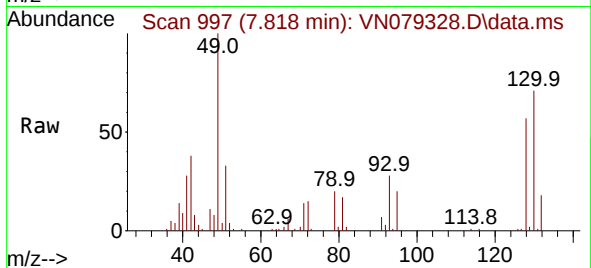
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.565	43	69957	21.901	ug/l	96
44) Isopropyl Acetate	8.694	43	111926	19.478	ug/l	95
45) 1,4-Dioxane	9.694	88	17714	309.699	ug/l	97
46) Methyl methacrylate	9.688	41	48068	18.724	ug/l	83
47) n-amyl Acetate	12.500	43	87490	21.650	ug/l	99
48) t-1,3-Dichloropropene	10.841	75	72547	18.613	ug/l #	89
49) cis-1,3-Dichloropropene	10.318	75	80109	19.704	ug/l	93
50) 1,1,2-Trichloroethane	11.023	97	50765	20.022	ug/l	99
51) Ethyl methacrylate	10.876	69	68353	17.457	ug/l #	89
52) 1,3-Dichloropropane	11.165	76	87653	20.250	ug/l	100
53) Dibromochloromethane	11.359	129	51542	19.383	ug/l	97
54) 1,2-Dibromoethane	11.476	107	47284	18.366	ug/l	99
55) 2-Chloroethyl vinyl ether	10.165	63	132852	95.487	ug/l	99
56) Bromoform	12.582	173	35925	19.388	ug/l	97
58) 4-Methyl-2-Pentanone	10.453	43	335740	94.996	ug/l	95
59) 2-Hexanone	11.200	43	244061	98.330	ug/l	94
61) Tetrachloroethene	11.106	164	38792	18.511	ug/l	96
62) Toluene	10.635	91	219684	19.590	ug/l	99
64) Chlorobenzene	11.894	112	128453	19.635	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.959	131	48108	19.208	ug/l	99
66) Ethyl Benzene	11.970	91	224989	19.927	ug/l	97
67) m/p-Xylenes	12.076	106	178064	41.913	ug/l	99
68) o-Xylene	12.400	106	84955	20.735	ug/l	97
69) Styrene	12.417	104	142809	21.853	ug/l	98
70) Isopropylbenzene	12.700	105	231467	22.225	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.941	83	79628	20.439	ug/l	99
72) 1,2,3-Trichloropropane	13.000	75	63386m	19.337	ug/l	
73) Bromobenzene	12.982	156	54201	20.834	ug/l	98
74) n-propylbenzene	13.041	91	276244	23.280	ug/l	98
75) 2-Chlorotoluene	13.129	91	166397	21.869	ug/l	98
76) 1,3,5-Trimethylbenzene	13.176	105	198675	23.072	ug/l	100
77) t-1,4-Dichloro-2-butene	12.741	75	22481	19.479	ug/l	84
78) 4-Chlorotoluene	13.223	91	159173	22.155	ug/l	99
79) tert-butylbenzene	13.441	119	154035	21.793	ug/l	95
80) 1,2,4-Trimethylbenzene	13.488	105	190730	23.193	ug/l	99
81) sec-Butylbenzene	13.623	105	225227	23.289	ug/l	99
82) p-Isopropyltoluene	13.735	119	178994	23.432	ug/l	97
83) 1,3-Dichlorobenzene	13.735	146	93348	22.594	ug/l	99
84) 1,4-Dichlorobenzene	13.817	146	88334	22.797	ug/l	99
85) n-Butylbenzene	14.059	91	126413	21.727	ug/l	98
86) Hexachloroethane	14.335	117	33193	21.946	ug/l	92
87) 1,2-Dichlorobenzene	14.111	146	84367	20.692	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.723	75	10534	15.997	ug/l	96
89) 1,2,4-Trichlorobenzene	15.841	180	28298	16.219	ug/l	98
90) Hexachlorobutadiene	15.506	225	20102	18.968	ug/l	98
91) Naphthalene	15.647	128	59800	13.116	ug/l	98
92) 1,2,3-Trichlorobenzene	15.841	180	28298	16.219	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: VN079328.D
Acq: 22 Sep 2023 09:50

Instrument :
MSVOA_N
ClientSampleId :
VN0922WBS01

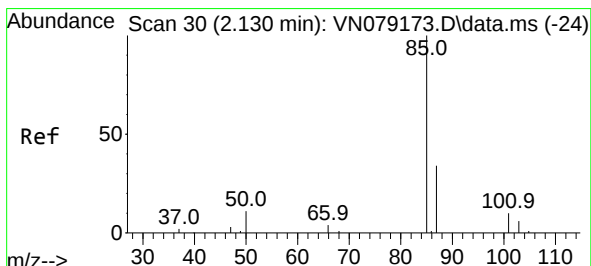
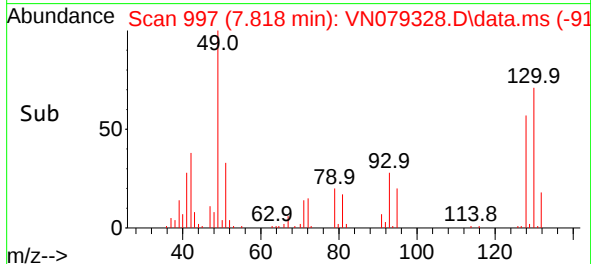
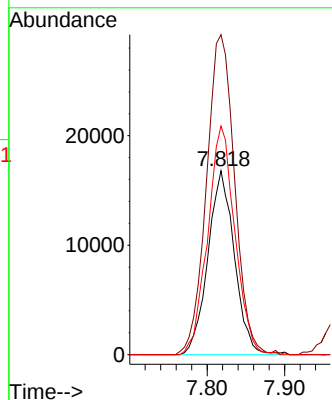


Tgt Ion:128 Resp: 39828
Ion Ratio Lower Upper
128 100
49 184.9 0.0 414.3
130 127.9 0.0 311.0

Manual Integrations
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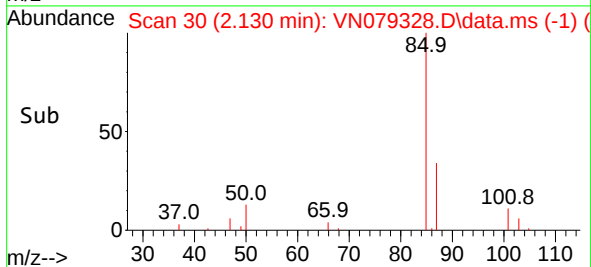
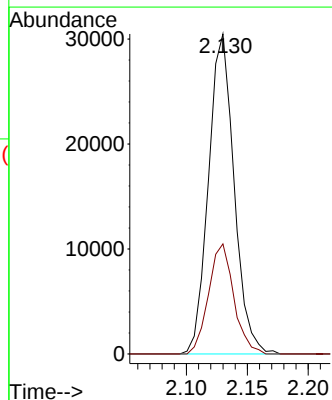
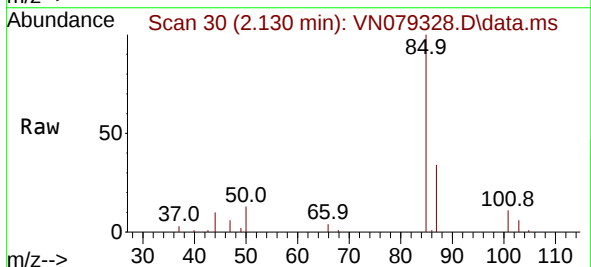
Reviewed By :John
Carlone
09/25/2023

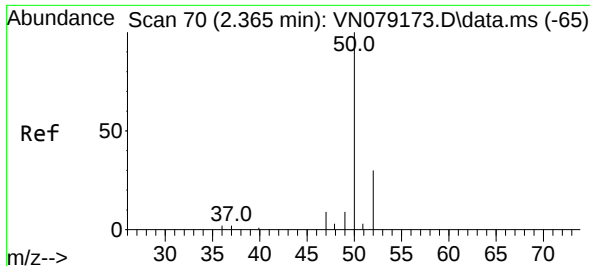
Supervised By :Mahesh
Dadoda
09/25/2023



#2
Dichlorodifluoromethane
Concen: 20.068 ug/l
RT: 2.130 min Scan# 30
Delta R.T. -0.000 min
Lab File: VN079328.D
Acq: 22 Sep 2023 09:50

Tgt Ion: 85 Resp: 44578
Ion Ratio Lower Upper
85 100
87 34.4 17.3 51.7





#3
Chloromethane
Concen: 24.627 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.000 min
Lab File: VN079328.D
Acq: 22 Sep 2023 09:50

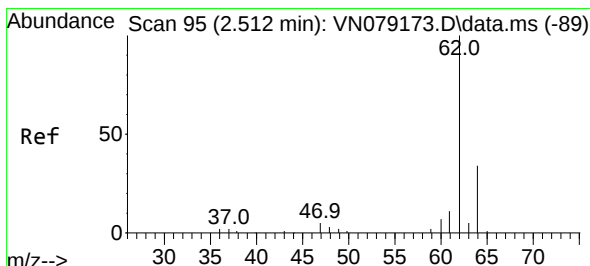
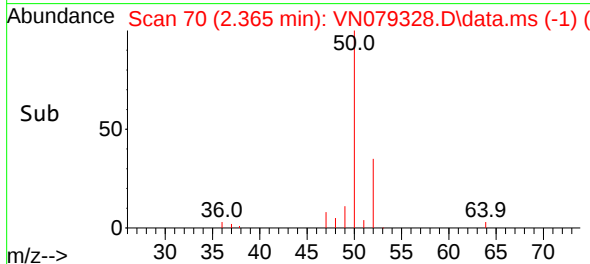
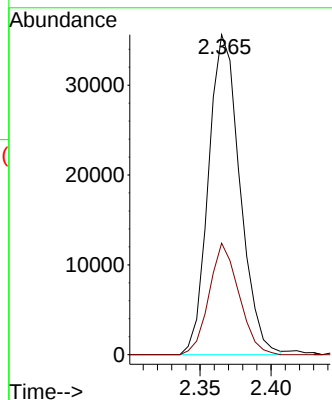
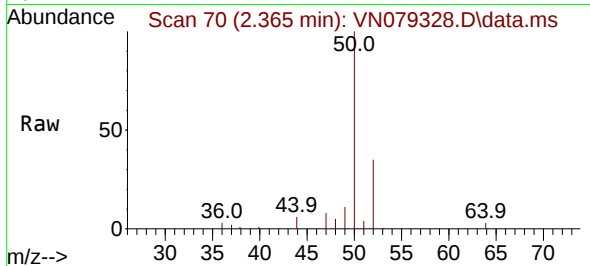
Instrument :
MSVOA_N
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VN0922WBS01

Tgt Ion: 50 Resp: 54854
Ion Ratio Lower Upper
50 100
52 34.9 24.0 36.0

Manual Integrations
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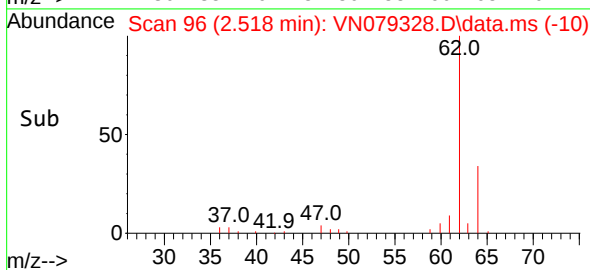
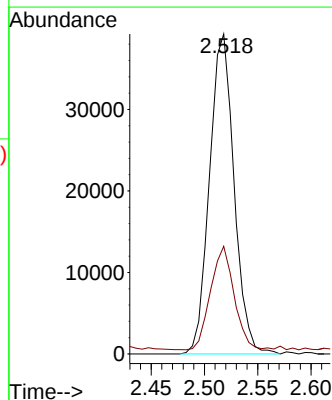
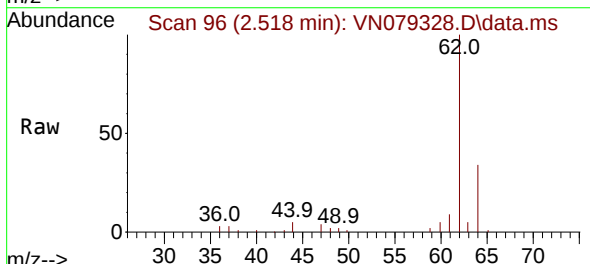
Reviewed By :John
Carlone
09/25/2023

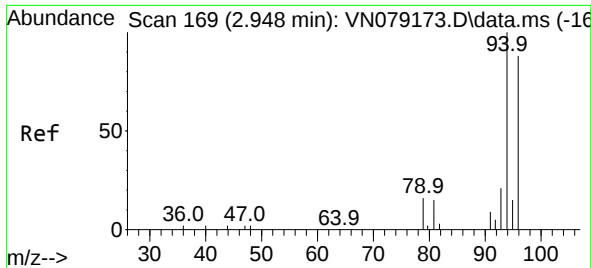
Supervised By :Mahesh
Dadoda
09/25/2023



#4
Vinyl Chloride
Concen: 28.508 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN079328.D
Acq: 22 Sep 2023 09:50

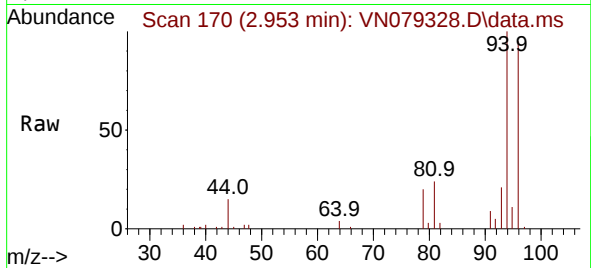
Tgt Ion: 62 Resp: 62822
Ion Ratio Lower Upper
62 100
64 32.3 27.1 40.7





#5
Bromomethane
Concen: 26.292 ug/l
RT: 2.953 min Scan# 11
Delta R.T. 0.005 min
Lab File: VN079328.D
Acq: 22 Sep 2023 09:50

Instrument :
MSVOA_N
ClientSampleId :
VN0922WBS01

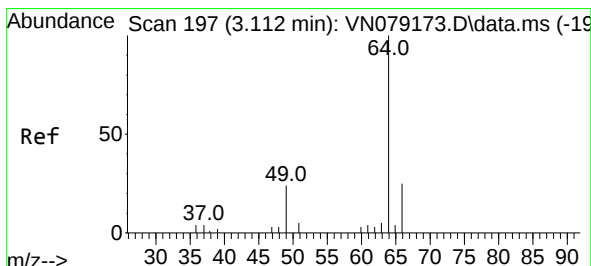
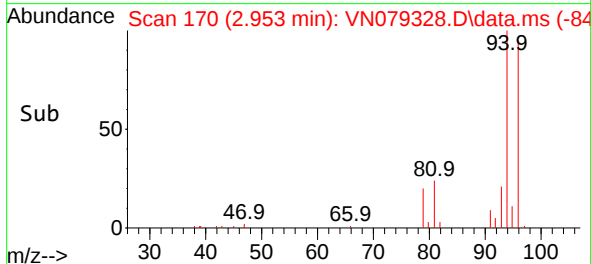
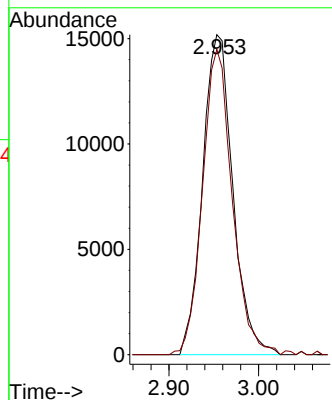


Tgt Ion: 94 Resp: 35560
Ion Ratio Lower Upper
94 100
96 95.4 70.6 105.8

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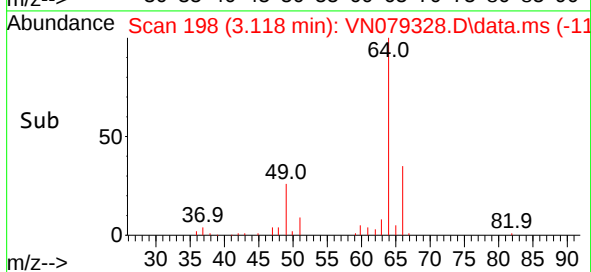
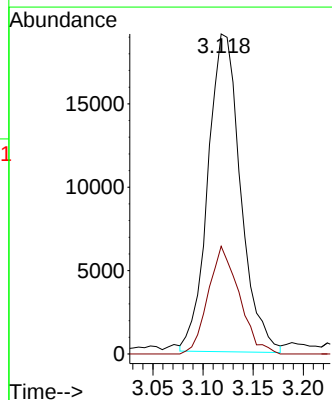
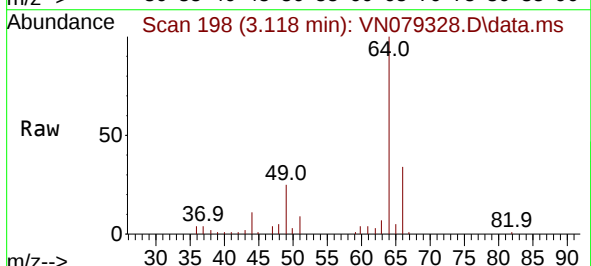
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Carlone
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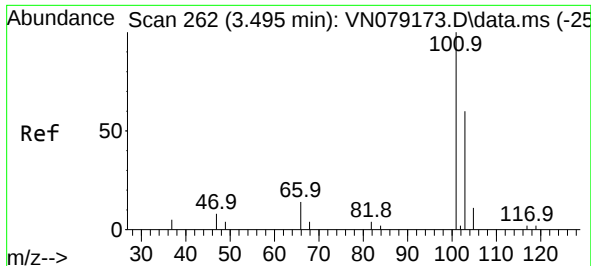
Supervised By :Mahesh
Dadoda
09/25/2023



#6
Chloroethane
Concen: 32.058 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.006 min
Lab File: VN079328.D
Acq: 22 Sep 2023 09:50

Tgt Ion: 64 Resp: 43266
Ion Ratio Lower Upper
64 100
66 34.5 20.1 30.1#





#7
Trichlorofluoromethane
Concen: 29.135 ug/l
RT: 3.495 min Scan# 262
Delta R.T. -0.000 min
Lab File: VN079328.D
Acq: 22 Sep 2023 09:50

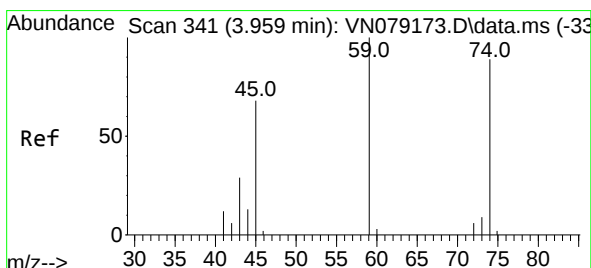
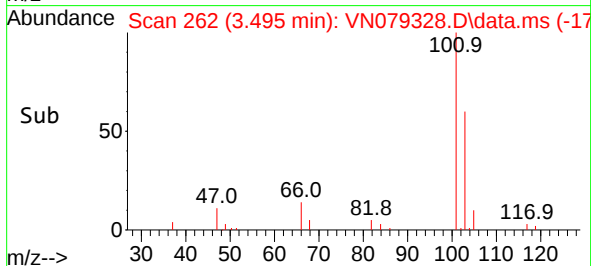
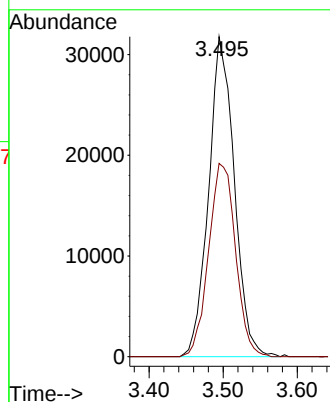
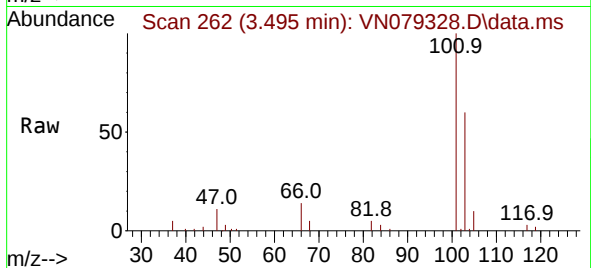
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Tgt Ion:101 Resp: 76430
Ion Ratio Lower Upper
101 100
103 60.4 48.2 72.4

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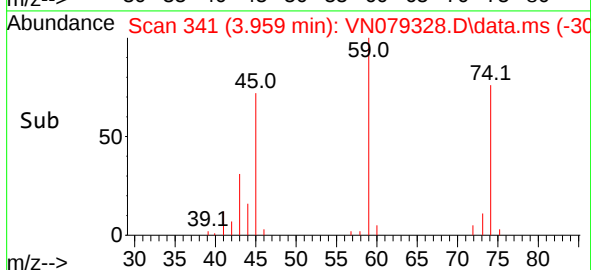
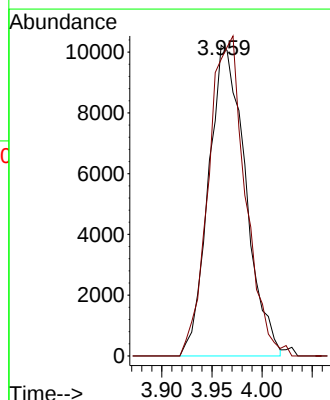
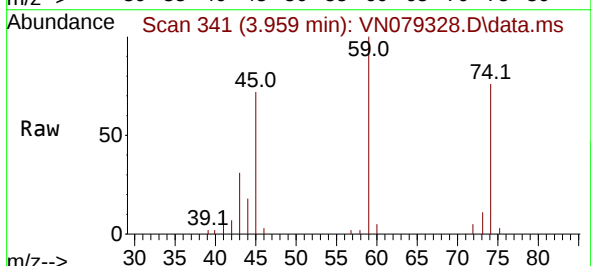
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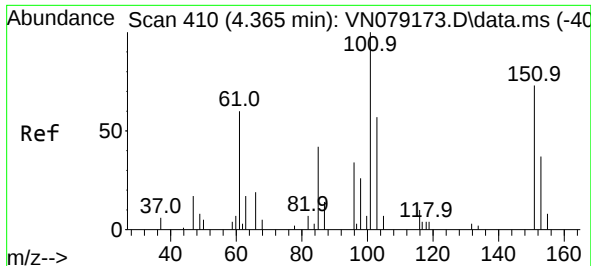
Supervised By :Mahesh
Dadoda
09/25/2023



#8
Diethyl Ether
Concen: 27.199 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.000 min
Lab File: VN079328.D
Acq: 22 Sep 2023 09:50

Tgt Ion: 74 Resp: 26164
Ion Ratio Lower Upper
74 100
45 102.5 17.6 158.0





#9
1,1,2-Trichlorotrifluoroethane
Concen: 29.749 ug/l
RT: 4.377 min Scan# 410
Delta R.T. 0.012 min
Lab File: VN079328.D
Acq: 22 Sep 2023 09:50

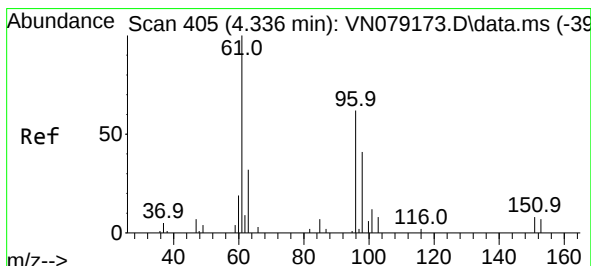
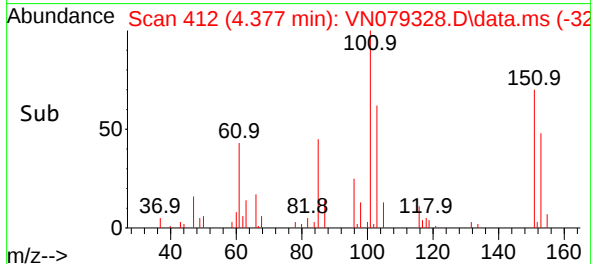
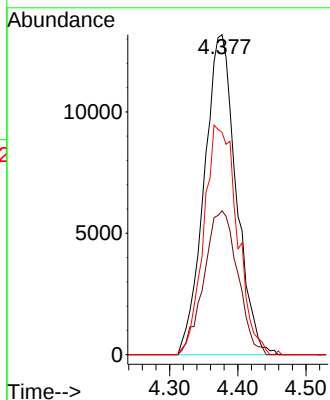
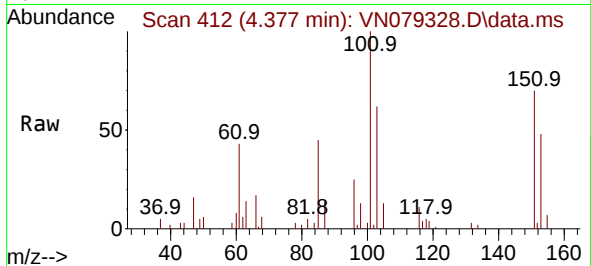
Instrument :
MSVOA_N
ClientSampleId :
VN0922WBS01

Tgt Ion:101 Resp: 43010
Ion Ratio Lower Upper
101 100
85 47.1 0.0 85.6
151 50.3 0.0 155.8

Manual Integrations
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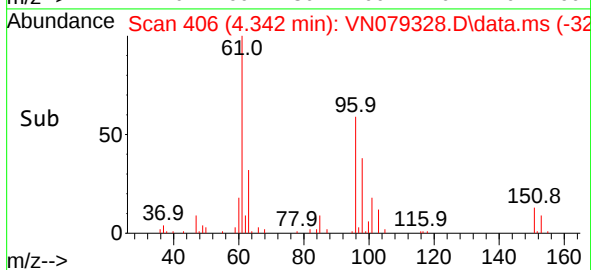
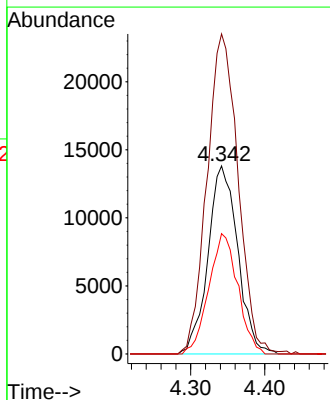
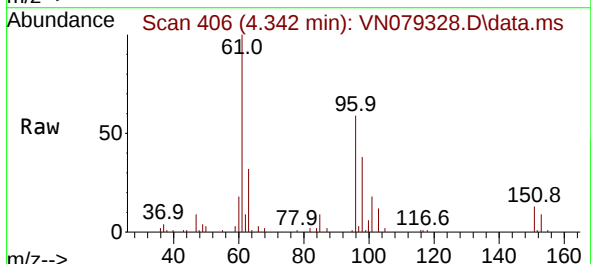
Reviewed By :John
Carlone
09/25/2023

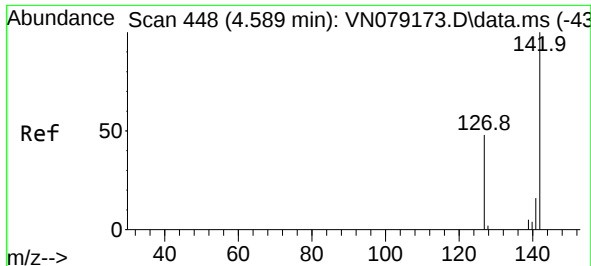
Supervised By :Mahesh
Dadoda
09/25/2023



#10
1,1-Dichloroethene
Concen: 27.525 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN079328.D
Acq: 22 Sep 2023 09:50

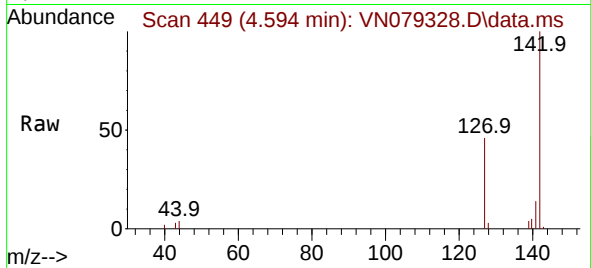
Tgt Ion: 96 Resp: 38559
Ion Ratio Lower Upper
96 100
61 170.2 130.2 195.2
98 64.0 52.3 78.5





#11
Methyl Iodide
Concen: 25.257 ug/l
RT: 4.594 min Scan# 448
Delta R.T. 0.005 min
Lab File: VN079328.D
Acq: 22 Sep 2023 09:50

Instrument :
MSVOA_N
ClientSampleId :
VN0922WBS01

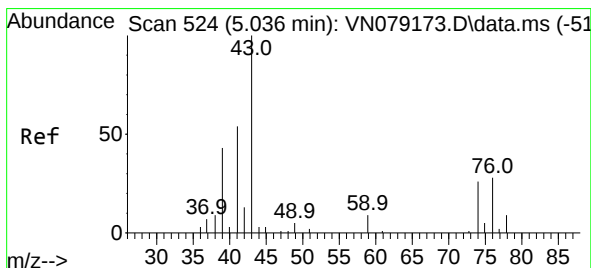
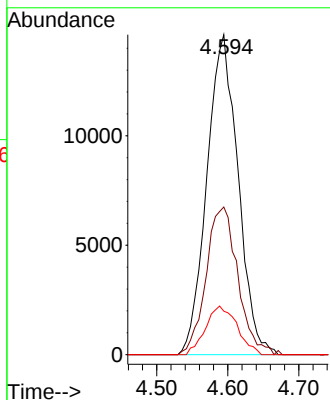
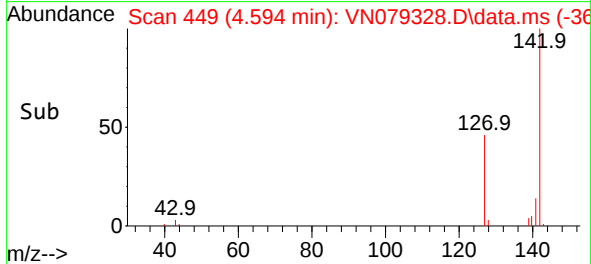


Tgt Ion:142 Resp: 44569
Ion Ratio Lower Upper
142 100
127 45.5 23.8 71.4
141 13.6 8.2 24.6

Manual Integrations
APPROVED

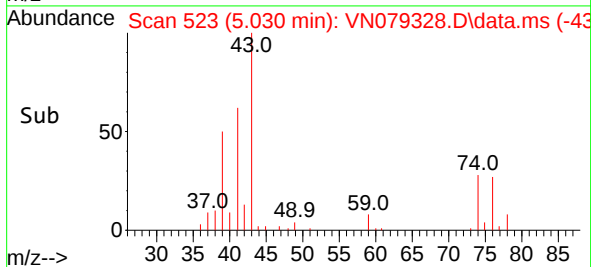
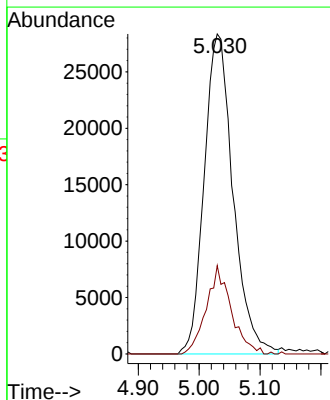
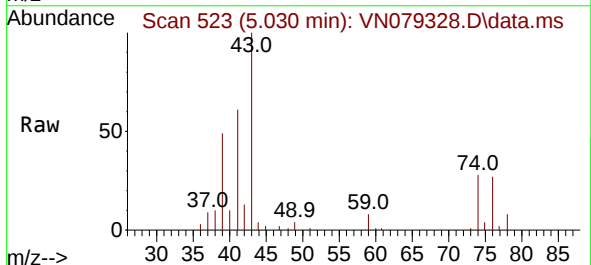
Reviewed By :John
Carlone
09/25/2023

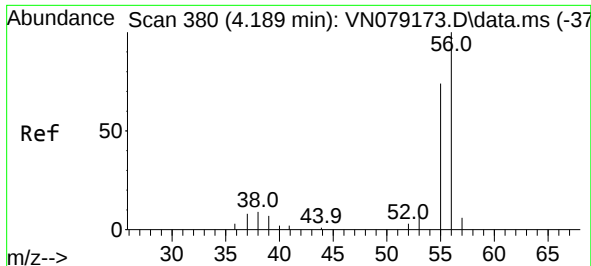
Supervised By :Mahesh
Dadoda
09/25/2023



#12
Methyl Acetate
Concen: 28.580 ug/l
RT: 5.030 min Scan# 523
Delta R.T. -0.006 min
Lab File: VN079328.D
Acq: 22 Sep 2023 09:50

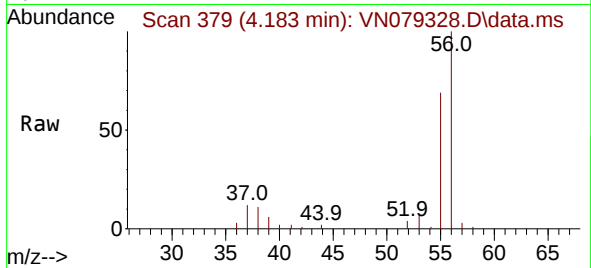
Tgt Ion: 43 Resp: 93305
Ion Ratio Lower Upper
43 100
74 27.8 20.4 30.6





#13
Acrolein
Concen: 130.950 ug/l
RT: 4.183 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN079328.D
Acq: 22 Sep 2023 09:50

Instrument :
MSVOA_N
ClientSampleId :
VN0922WBS01

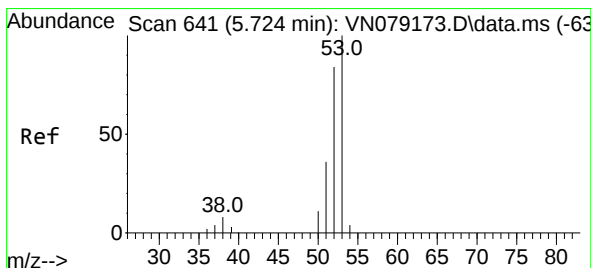
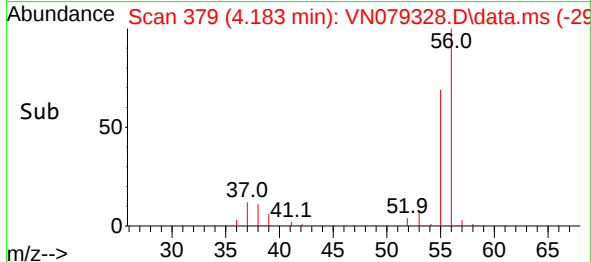
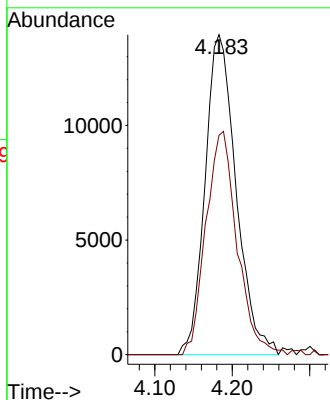


Tgt Ion: 56 Resp: 38930
Ion Ratio Lower Upper
56 100
55 69.8 57.7 86.5

Manual Integrations
APPROVED

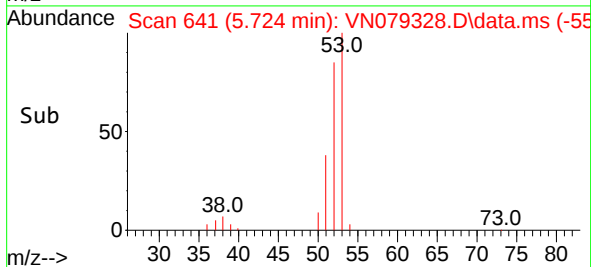
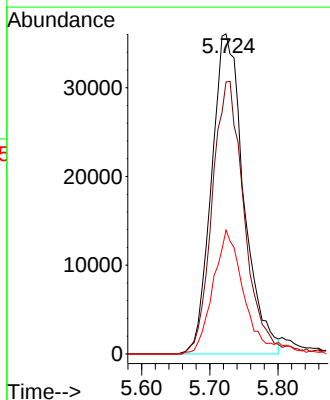
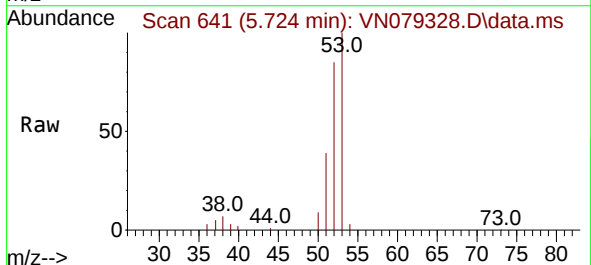
Reviewed By :John
Carlone
09/25/2023

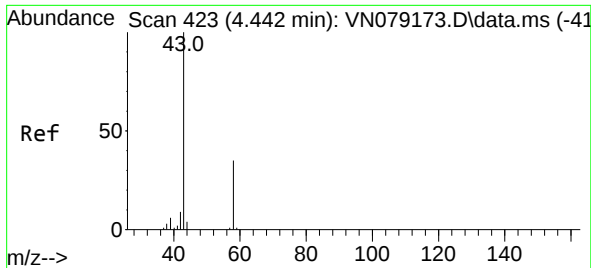
Supervised By :Mahesh
Dadoda
09/25/2023



#14
Acrylonitrile
Concen: 124.042 ug/l
RT: 5.724 min Scan# 641
Delta R.T. -0.000 min
Lab File: VN079328.D
Acq: 22 Sep 2023 09:50

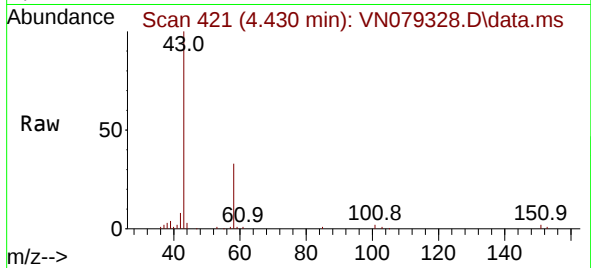
Tgt Ion: 53 Resp: 118806
Ion Ratio Lower Upper
53 100
52 83.8 41.4 124.4
51 36.1 17.3 51.9





#15
Acetone
Concen: 161.976 ug/l
RT: 4.430 min Scan# 41
Delta R.T. -0.012 min
Lab File: VN079328.D
Acq: 22 Sep 2023 09:50

Instrument :
MSVOA_N
ClientSampleId :
VN0922WBS01

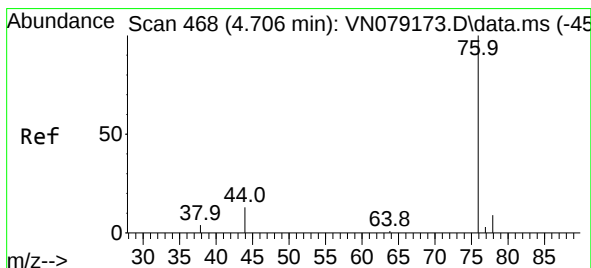
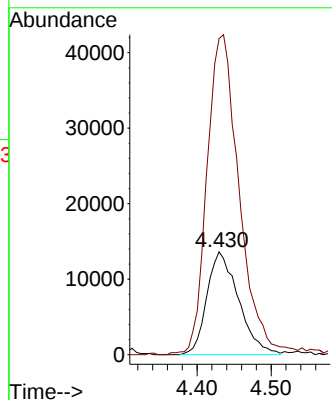
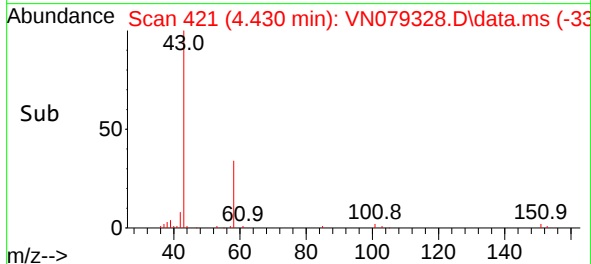


Tgt Ion: 58 Resp: 40470
Ion Ratio Lower Upper
58 100
43 309.3 228.3 342.5

Manual Integrations
APPROVED

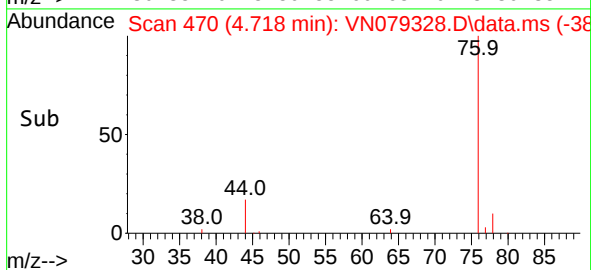
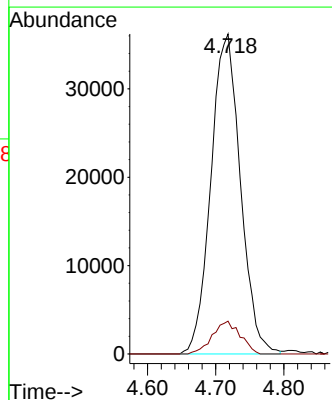
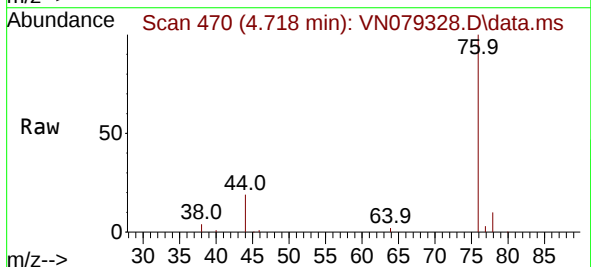
Reviewed By :John
Carlone
09/25/2023

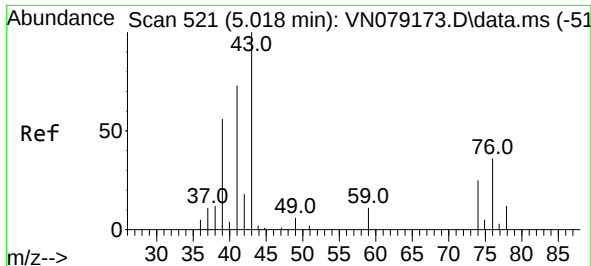
Supervised By :Mahesh
Dadoda
09/25/2023



#16
Carbon Disulfide
Concen: 26.384 ug/l
RT: 4.718 min Scan# 470
Delta R.T. 0.012 min
Lab File: VN079328.D
Acq: 22 Sep 2023 09:50

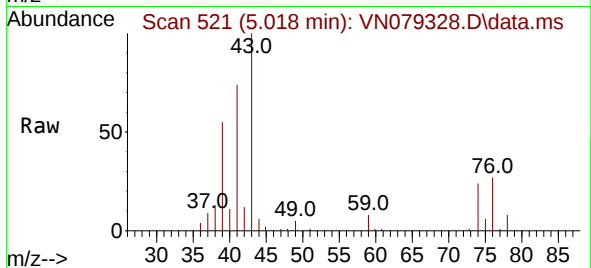
Tgt Ion: 76 Resp: 109214
Ion Ratio Lower Upper
76 100
78 10.3 6.9 10.3





#17
 Allyl chloride
 Concen: 27.452 ug/l m
 RT: 5.018 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VN079328.D
 Acq: 22 Sep 2023 09:50

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0922WBS01

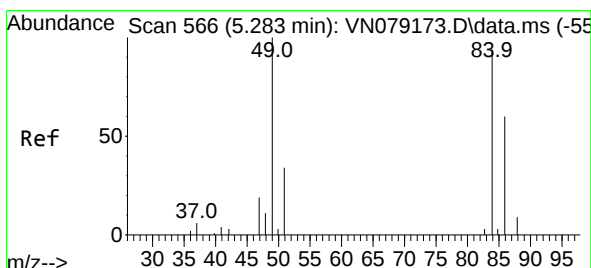
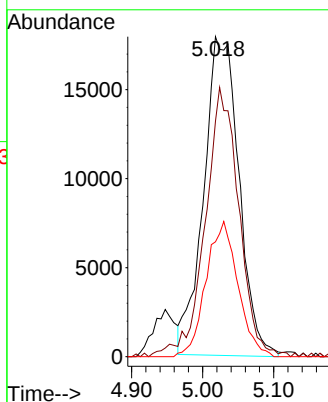
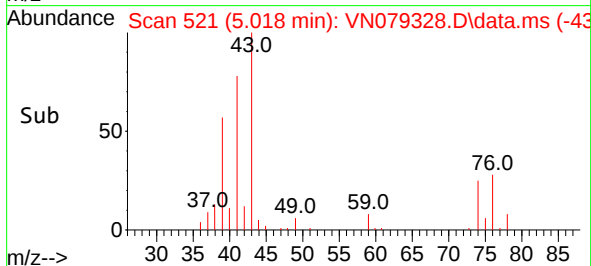


Tgt Ion: 41 Resp: 6179
 Ion Ratio Lower Upper
 41 100
 39 73.6 38.3 114.8
 76 35.9 23.7 71.1

Manual Integrations
 APPROVED

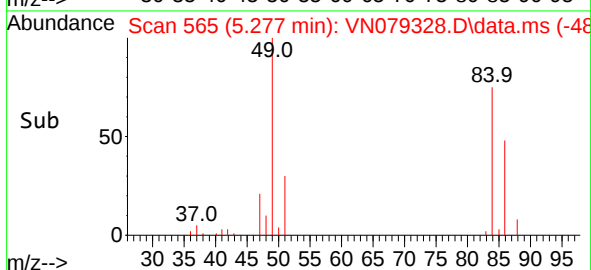
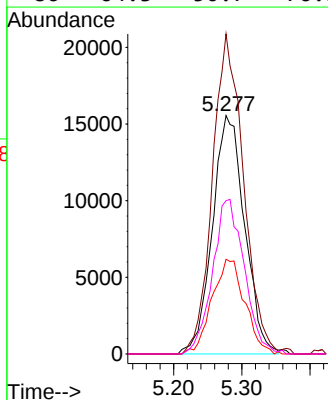
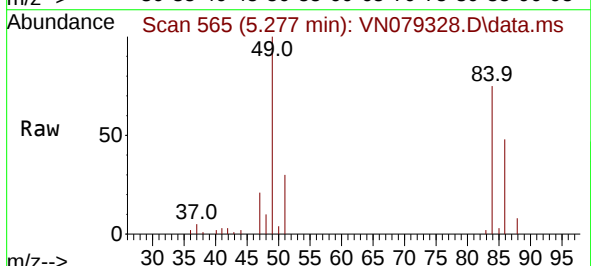
Reviewed By :John
 Carlone
 09/25/2023

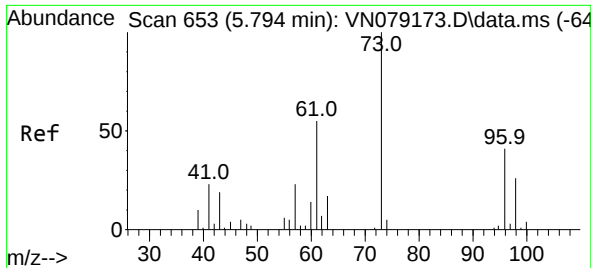
Supervised By :Mahesh
 Dadoda
 09/25/2023



#18
 Methylene Chloride
 Concen: 27.232 ug/l
 RT: 5.277 min Scan# 565
 Delta R.T. -0.006 min
 Lab File: VN079328.D
 Acq: 22 Sep 2023 09:50

Tgt Ion: 84 Resp: 51167
 Ion Ratio Lower Upper
 84 100
 49 134.2 86.9 130.3#
 51 39.7 28.6 43.0
 86 64.3 50.7 76.1





#19

trans-1,2-Dichloroethene

Concen: 25.833 ug/l

RT: 5.794 min Scan# 61

Delta R.T. 0.000 min

Lab File: VN079328.D

Acq: 22 Sep 2023 09:50

Instrument :

MSVOA_N

ClientSampleId :

VN0922WBS01

Tgt Ion: 96 Resp: 4527

Ion	Ratio	Lower	Upper
96	100		
61	134.4	106.6	159.8
98	55.6	51.0	76.4

Manual Integrations

APPROVED

Reviewed By :John

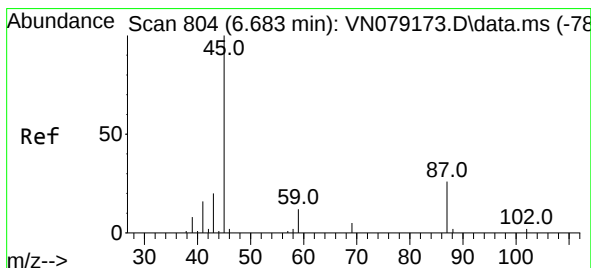
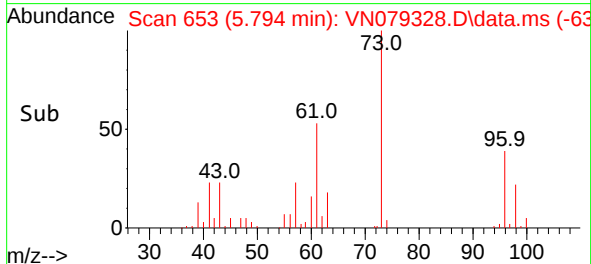
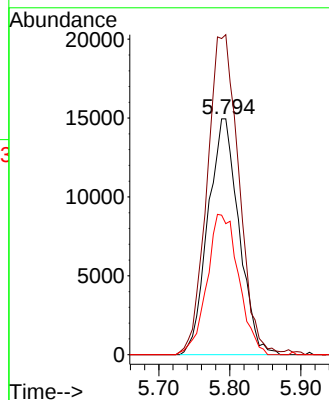
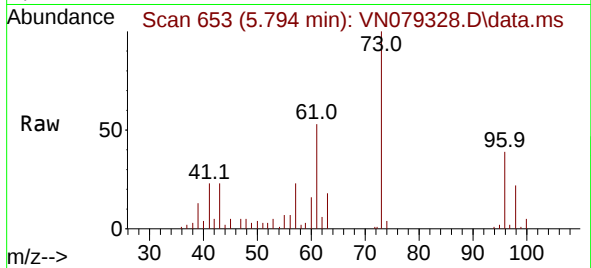
Carlone

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Supervised By :Mahesh

Dadoda

09/25/2023



#20

Diisopropyl ether

Concen: 23.880 ug/l

RT: 6.671 min Scan# 802

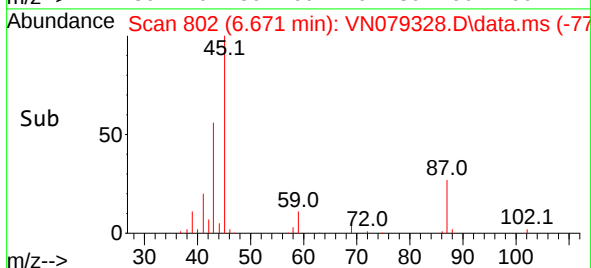
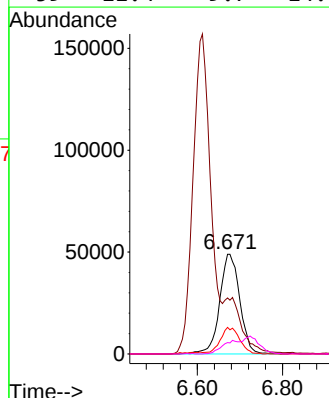
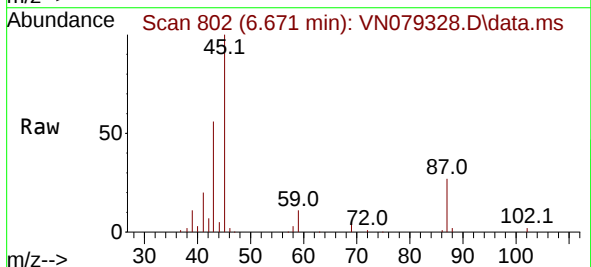
Delta R.T. -0.012 min

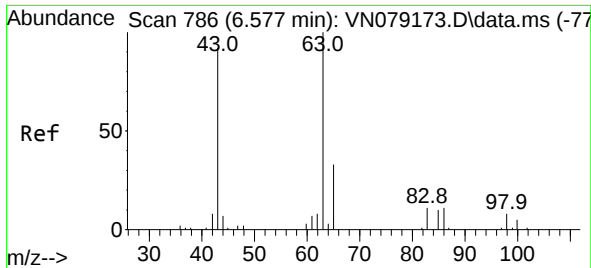
Lab File: VN079328.D

Acq: 22 Sep 2023 09:50

Tgt Ion: 45 Resp: 160475

Ion	Ratio	Lower	Upper
45	100		
43	54.7	34.9	52.3
87	26.6	21.5	32.3
59	11.4	9.7	14.5





#21
1,1-Dichloroethane
Concen: 23.565 ug/l
RT: 6.571 min Scan# 71
Delta R.T. -0.006 min
Lab File: VN079328.D
Acq: 22 Sep 2023 09:50

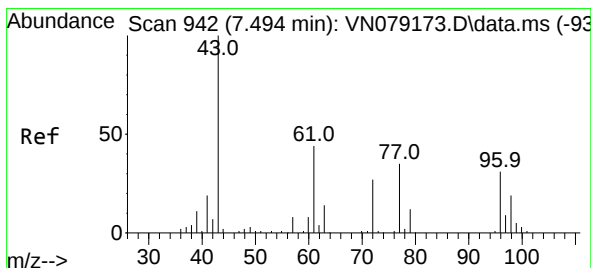
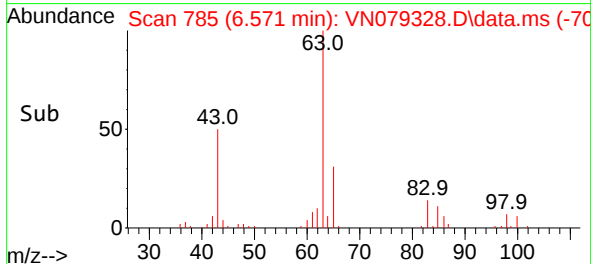
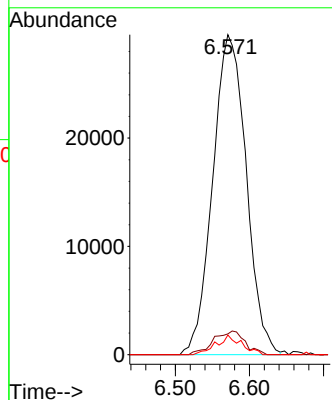
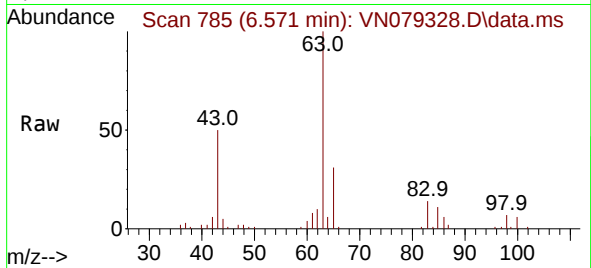
Instrument :
MSVOA_N
ClientSampleId :
VN0922WBS01

Tgt Ion: 63 Resp: 92773
Ion Ratio Lower Upper
63 100
98 6.5 3.9 11.5
100 6.2 2.5 7.5

Manual Integrations
APPROVED

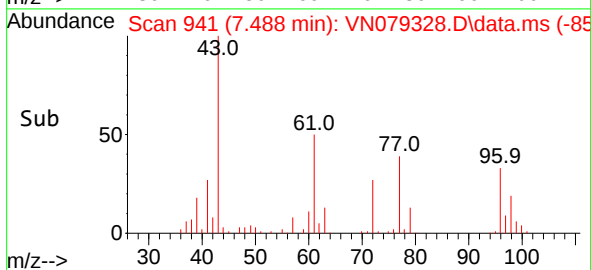
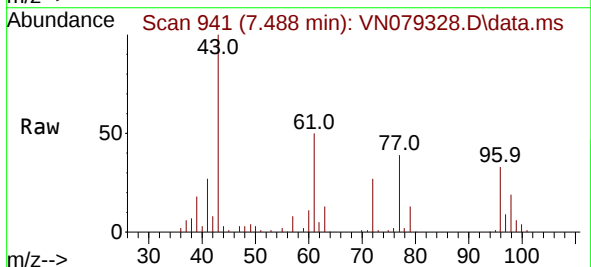
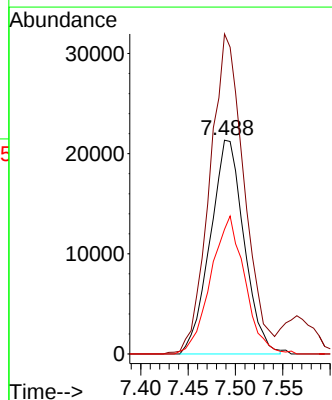
Reviewed By :John
Carlone
09/25/2023

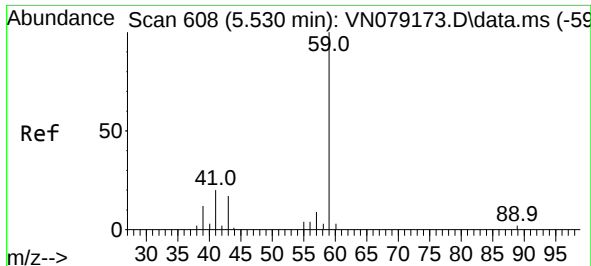
Supervised By :Mahesh
Dadoda
09/25/2023



#22
cis-1,2-Dichloroethene
Concen: 19.362 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN079328.D
Acq: 22 Sep 2023 09:50

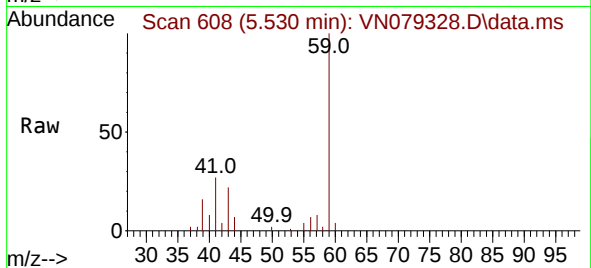
Tgt Ion: 96 Resp: 53073
Ion Ratio Lower Upper
96 100
61 150.7 113.0 169.6
98 64.8 50.2 75.4





#23
tert-Butyl Alcohol
Concen: 100.702 ug/l m
RT: 5.530 min Scan# 608
Delta R.T. -0.000 min
Lab File: VN079328.D
Acq: 22 Sep 2023 09:50

Instrument :
MSVOA_N
ClientSampleId :
VN0922WBS01

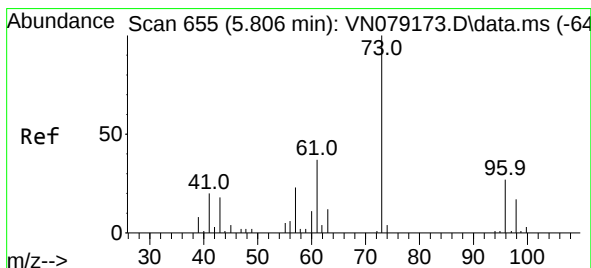
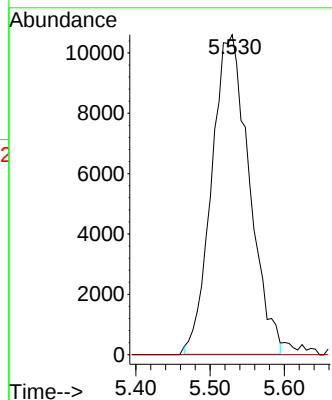


Tgt Ion: 59 Resp: 37104
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

Manual Integrations
APPROVED

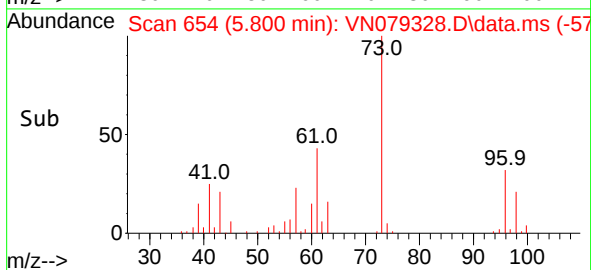
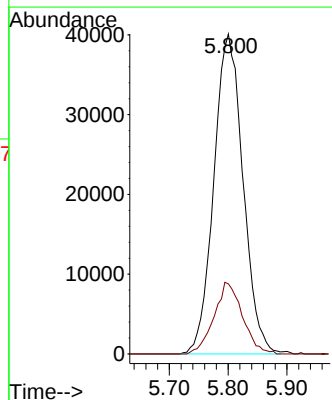
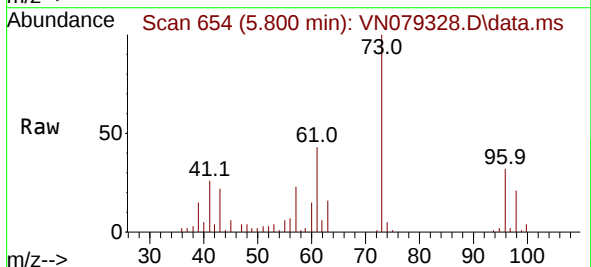
Reviewed By :John
Carlone
09/25/2023

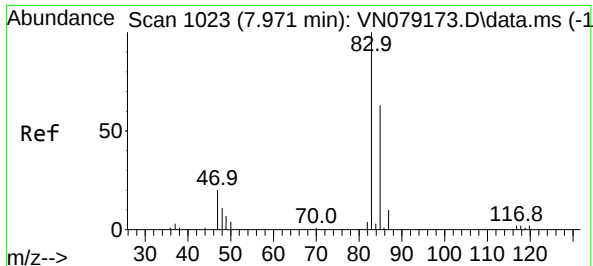
Supervised By :Mahesh
Dadoda
09/25/2023



#24
Methyl tert-Butyl Ether
Concen: 24.983 ug/l
RT: 5.800 min Scan# 654
Delta R.T. -0.006 min
Lab File: VN079328.D
Acq: 22 Sep 2023 09:50

Tgt Ion: 73 Resp: 138128
Ion Ratio Lower Upper
73 100
43 21.7 14.7 22.1





#25

Chloroform

Concen: 20.016 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. -0.006 min

Lab File: VN079328.D

Acq: 22 Sep 2023 09:50

Instrument :

MSVOA_N

ClientSampleId :

VN0922WBS01

Tgt Ion: 83 Resp: 9502
 Ion Ratio Lower Upper
 83 100
 85 60.2 50.6 76.0

Manual Integrations
 APPROVED

Reviewed By :John

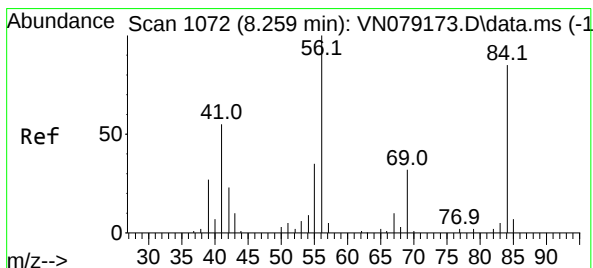
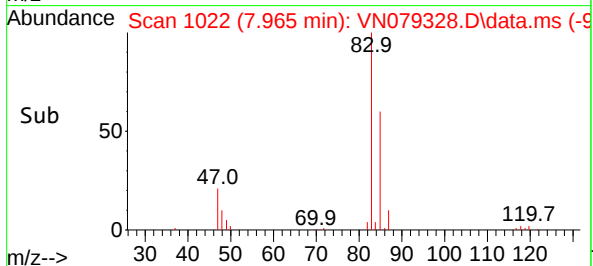
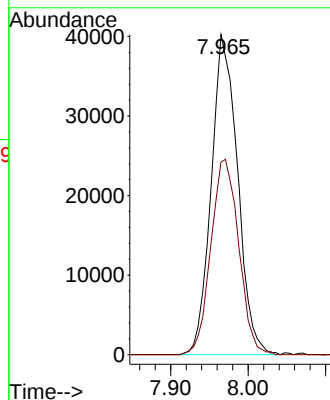
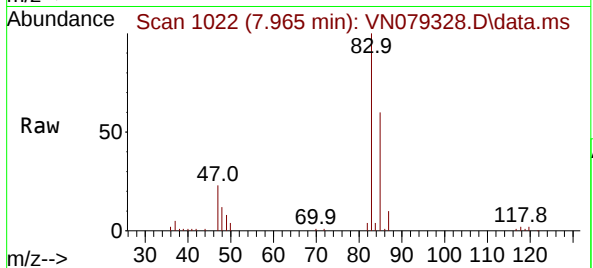
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#26

Cyclohexane

Concen: 18.476 ug/l

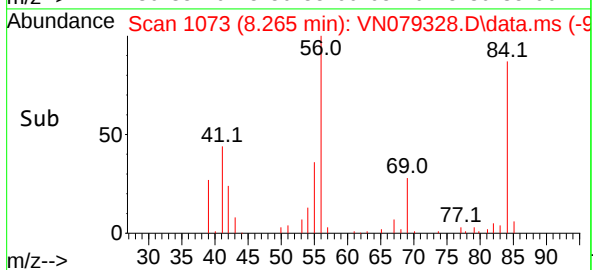
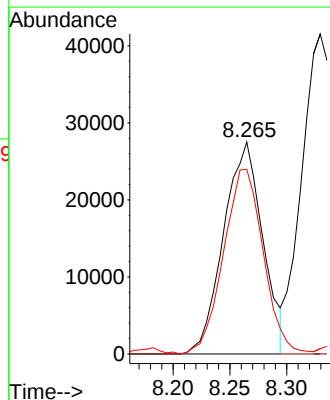
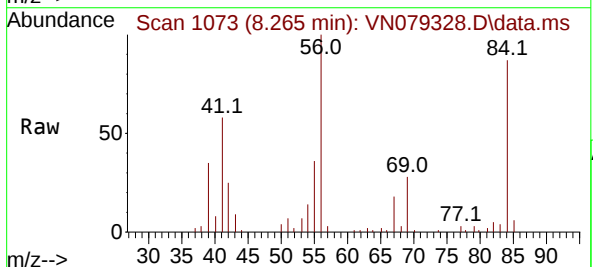
RT: 8.265 min Scan# 1073

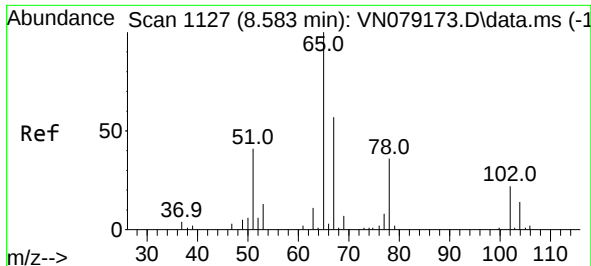
Delta R.T. 0.006 min

Lab File: VN079328.D

Acq: 22 Sep 2023 09:50

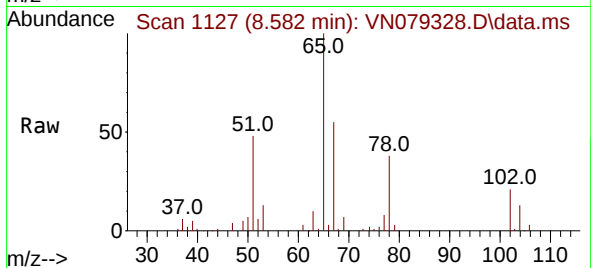
Tgt Ion: 56 Resp: 65960
 Ion Ratio Lower Upper
 56 100
 89 0.0 0.0 0.0
 84 88.5 71.1 106.7





#27
1,2-Dichloroethane-d4
Concen: 32.393 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.001 min
Lab File: VN079328.D
Acq: 22 Sep 2023 09:50

Instrument :
MSVOA_N
ClientSampleId :
VN0922WBS01

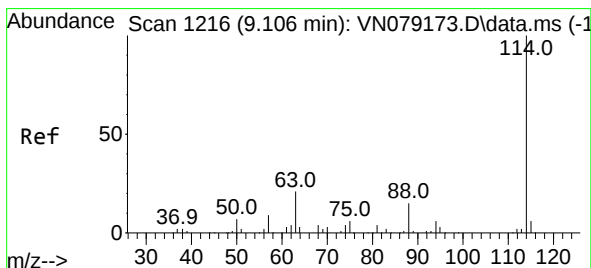
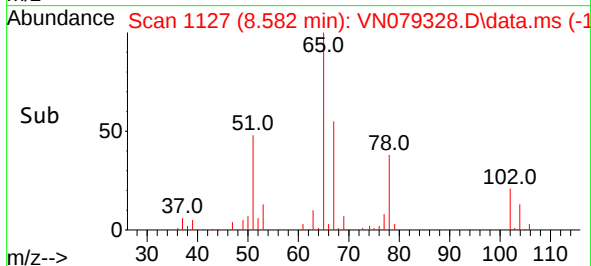
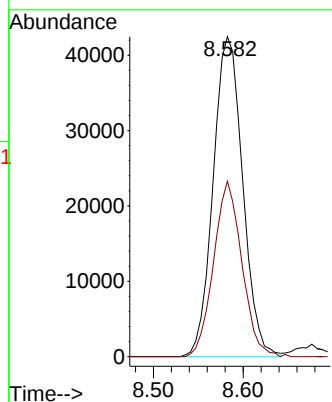


Tgt Ion: 65 Resp: 9693
Ion Ratio Lower Upper
65 100
67 52.4 44.4 66.6

Manual Integrations
APPROVED

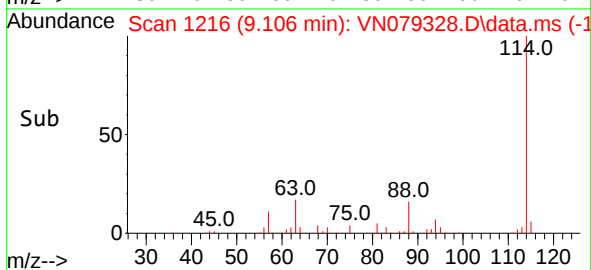
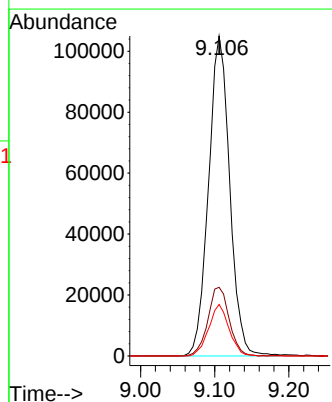
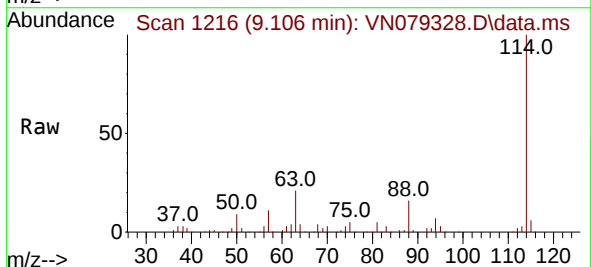
Reviewed By :John
Carlone
09/25/2023

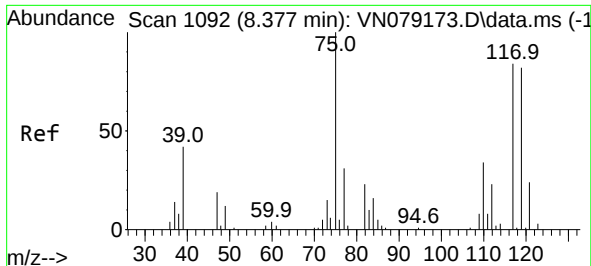
Supervised By :Mahesh
Dadoda
09/25/2023



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. -0.000 min
Lab File: VN079328.D
Acq: 22 Sep 2023 09:50

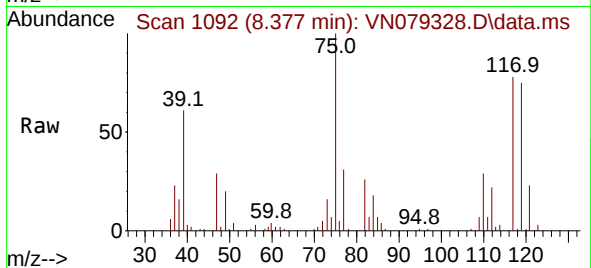
Tgt Ion:114 Resp: 208564
Ion Ratio Lower Upper
114 100
63 21.6 17.0 25.4
88 15.4 12.8 19.2





#29
1,1-Dichloropropene
Concen: 20.001 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VN079328.D
Acq: 22 Sep 2023 09:50

Instrument :
MSVOA_N
ClientSampleId :
VN0922WBS01

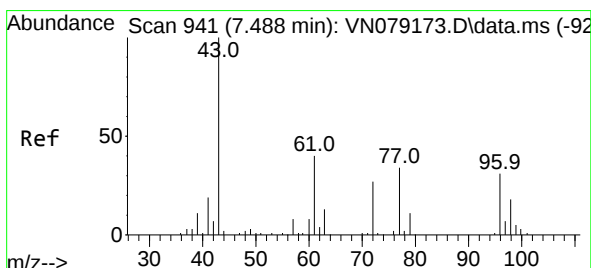
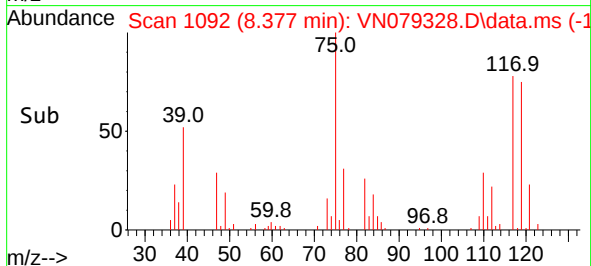
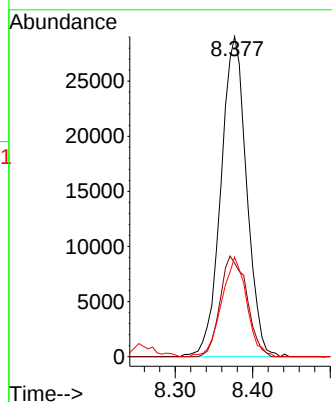


Tgt Ion: 75 Resp: 6688
Ion Ratio Lower Upper
75 100
110 32.6 0.0 68.4
77 30.1 0.0 63.2

Manual Integrations
APPROVED

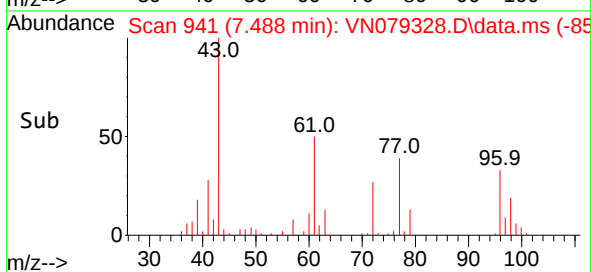
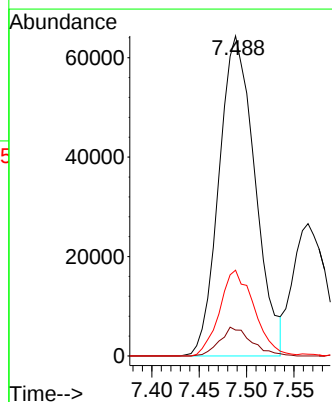
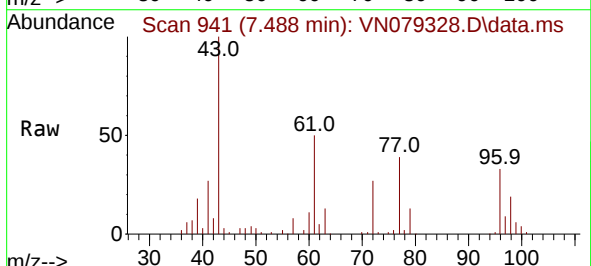
Reviewed By :John
Carlone
09/25/2023

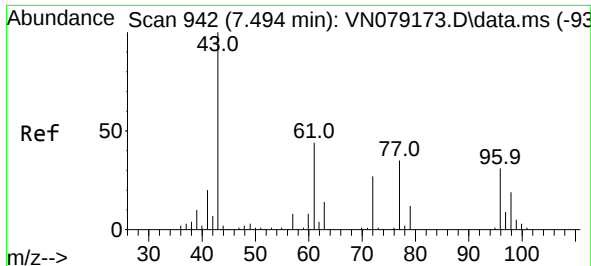
Supervised By :Mahesh
Dadoda
09/25/2023



#30
2-Butanone
Concen: 101.337 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN079328.D
Acq: 22 Sep 2023 09:50

Tgt Ion: 43 Resp: 170441
Ion Ratio Lower Upper
43 100
57 7.9 6.8 10.2
72 25.8 22.4 33.6





#31

2,2-Dichloropropane

Concen: 22.281 ug/l

RT: 7.494 min Scan# 942

Delta R.T. 0.000 min

Lab File: VN079328.D

Acq: 22 Sep 2023 09:50

Instrument :

MSVOA_N

ClientSampleId :

VN0922WBS01

Tgt Ion: 77 Resp: 7431

Ion Ratio Lower Upper

77 100

97 22.5 17.8 26.8

Manual Integrations

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Reviewed By :John

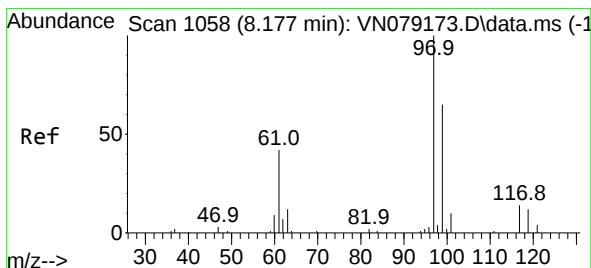
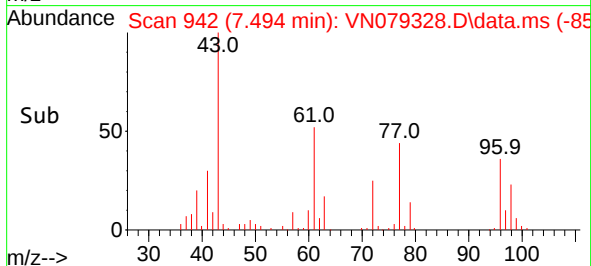
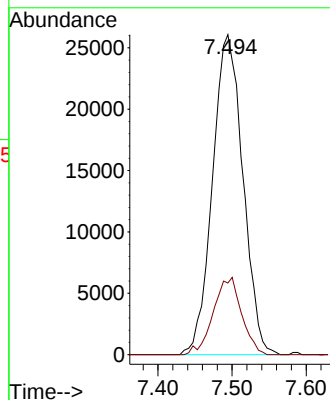
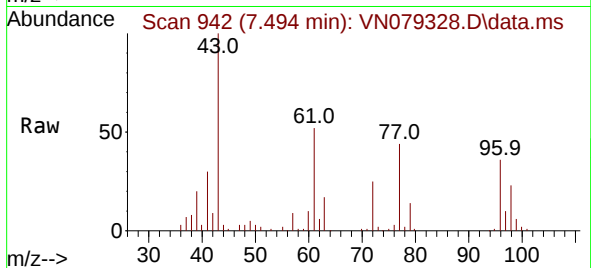
Carlone

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Supervised By :Mahesh

Dadoda

09/25/2023



#32

1,1,1-Trichloroethane

Concen: 20.300 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VN079328.D

Acq: 22 Sep 2023 09:50

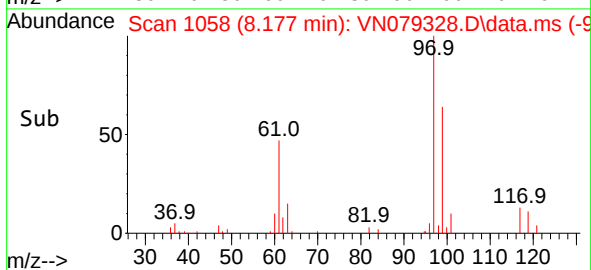
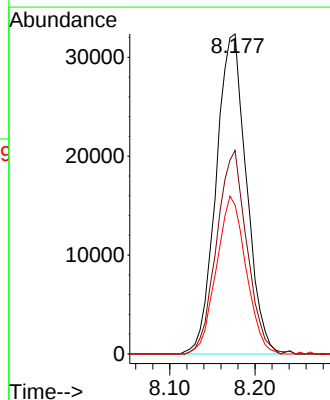
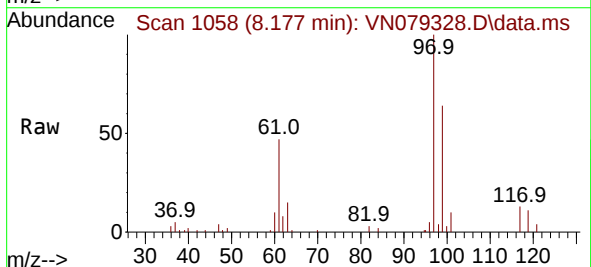
Tgt Ion: 97 Resp: 79974

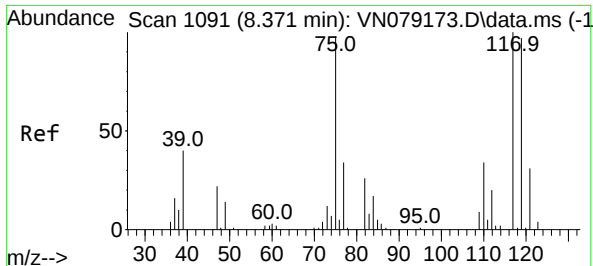
Ion Ratio Lower Upper

97 100

99 63.5 52.0 78.0

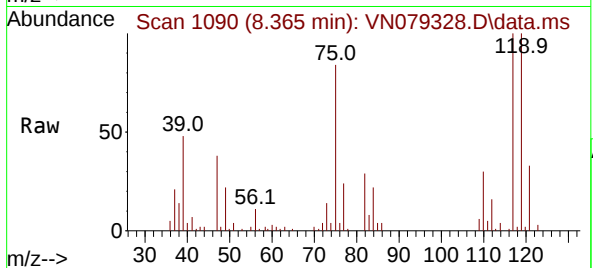
61 48.2 33.4 50.0





#33
Carbon Tetrachloride
Concen: 20.067 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.006 min
Lab File: VN079328.D
Acq: 22 Sep 2023 09:50

Instrument :
MSVOA_N
ClientSampleId :
VN0922WBS01

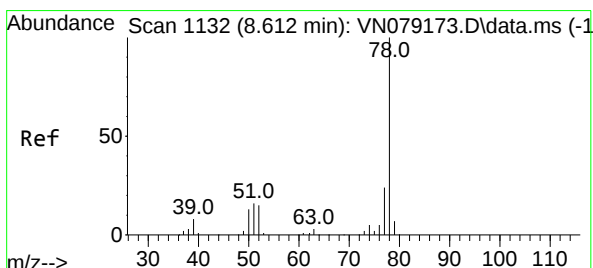
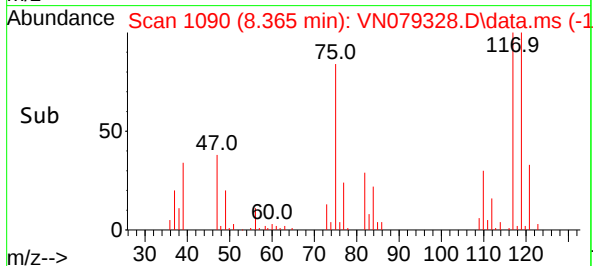
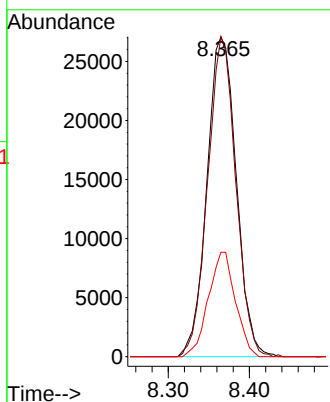


Tgt Ion: 117 Resp: 6791
Ion Ratio Lower Upper
117 100
119 100.1 77.9 116.9
121 32.7 25.1 37.7

Manual Integrations
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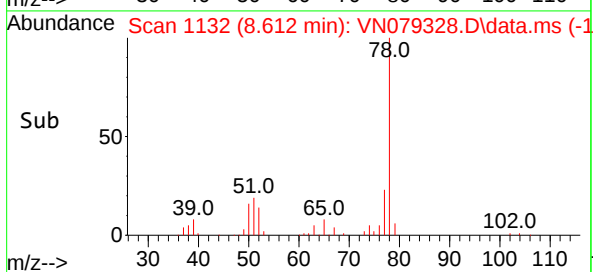
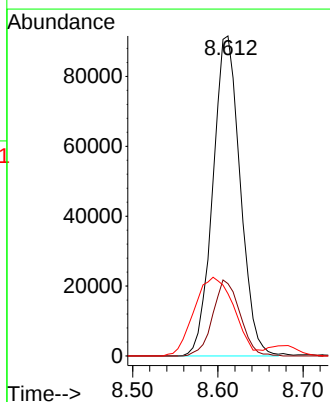
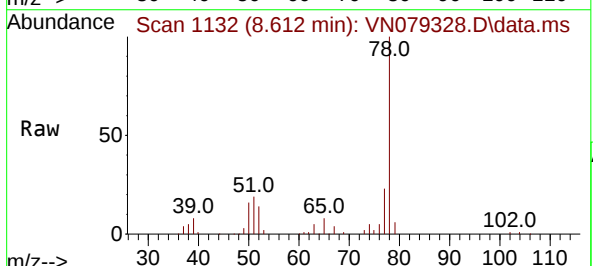
Reviewed By :John
Carlone
09/25/2023

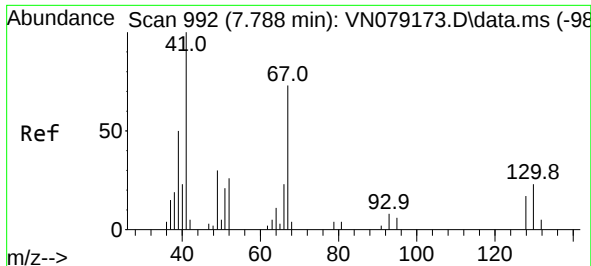
Supervised By :Mahesh
Dadoda
09/25/2023



#34
Benzene
Concen: 19.223 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VN079328.D
Acq: 22 Sep 2023 09:50

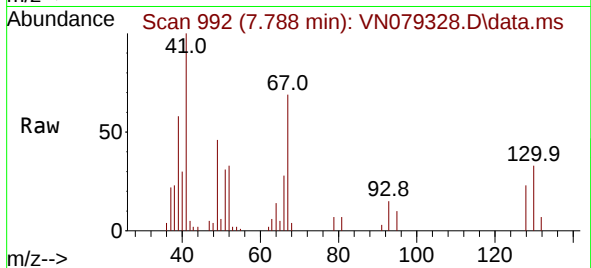
Tgt Ion: 78 Resp: 204229
Ion Ratio Lower Upper
78 100
77 22.6 18.9 28.3
51 17.2 13.1 19.7





#35
Methacrylonitrile
Concen: 19.715 ug/l
RT: 7.788 min Scan# 992
Delta R.T. 0.000 min
Lab File: VN079328.D
Acq: 22 Sep 2023 09:50

Instrument :
MSVOA_N
ClientSampleId :
VN0922WBS01

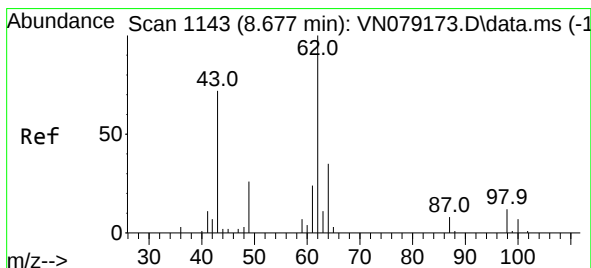
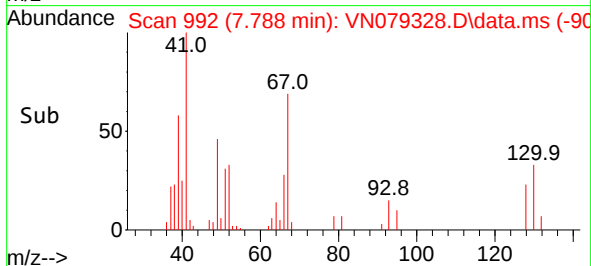
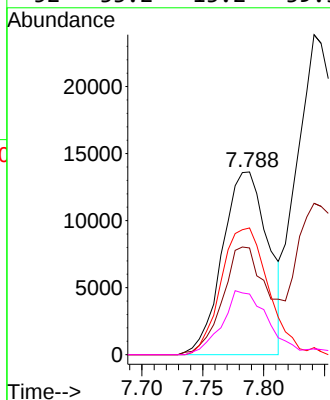


Tgt Ion: 41 Resp: 3570
Ion Ratio Lower Upper
41 100
39 58.4 24.9 74.6
67 69.3 36.7 110.1
52 33.2 13.2 39.5

Manual Integrations
APPROVED

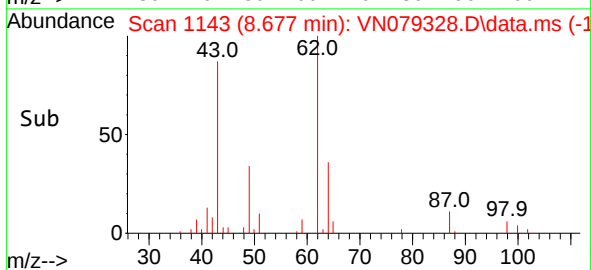
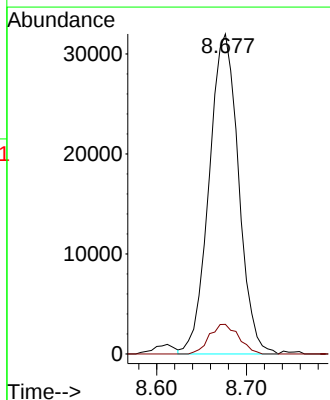
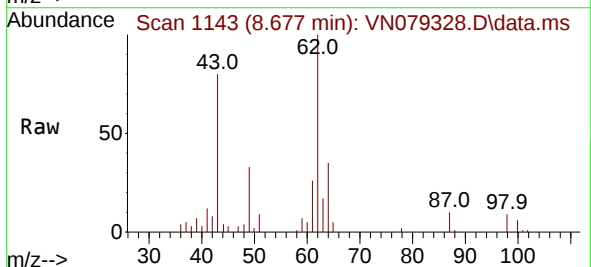
Reviewed By :John
Carlone
09/25/2023

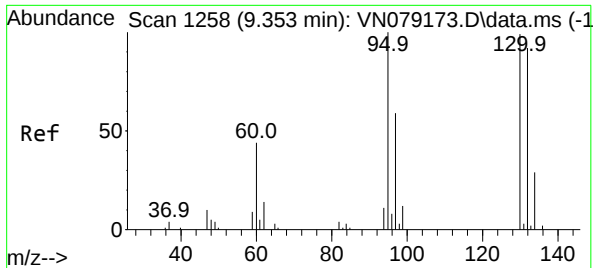
Supervised By :Mahesh
Dadoda
09/25/2023



#36
1,2-Dichloroethane
Concen: 20.806 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN079328.D
Acq: 22 Sep 2023 09:50

Tgt Ion: 62 Resp: 72902
Ion Ratio Lower Upper
62 100
98 9.2 8.2 12.2





#37

Trichloroethene

Concen: 18.148 ug/l

RT: 9.359 min Scan# 1258

Delta R.T. 0.006 min

Lab File: VN079328.D

Acq: 22 Sep 2023 09:50

Instrument :

MSVOA_N

ClientSampleId :

VN0922WBS01

Tgt Ion:130 Resp: 45574

Ion Ratio Lower Upper

130 100

95 101.5 81.0 121.4

Manual Integrations

APPROVED

Reviewed By :John

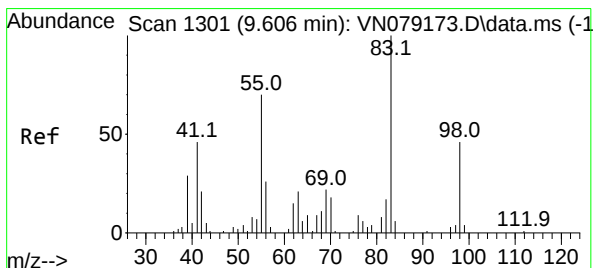
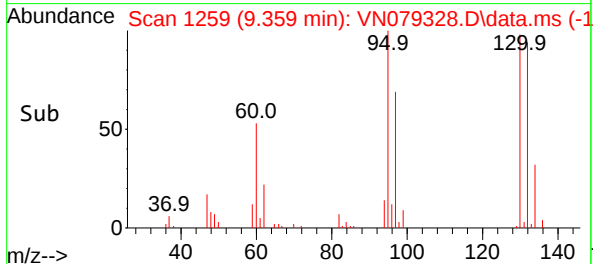
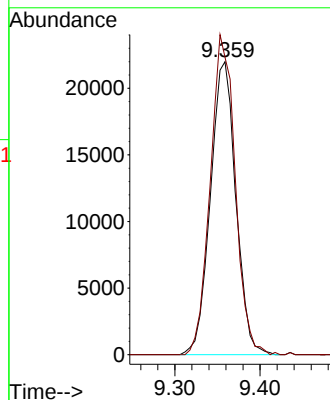
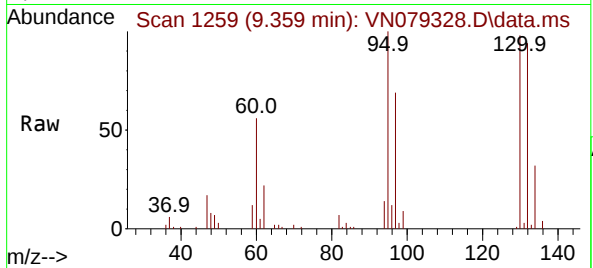
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#38

Methylcyclohexane

Concen: 19.036 ug/l

RT: 9.606 min Scan# 1301

Delta R.T. -0.000 min

Lab File: VN079328.D

Acq: 22 Sep 2023 09:50

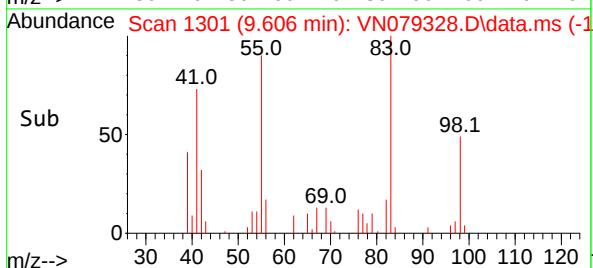
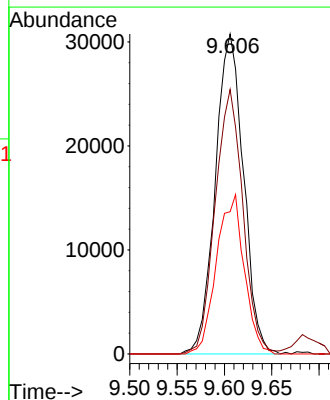
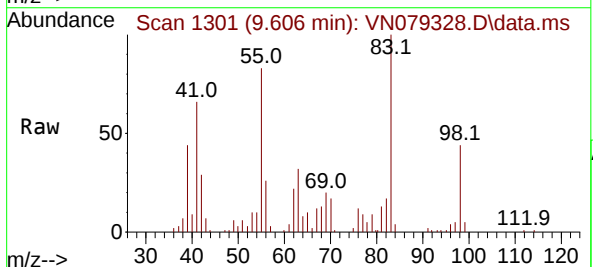
Tgt Ion: 83 Resp: 63636

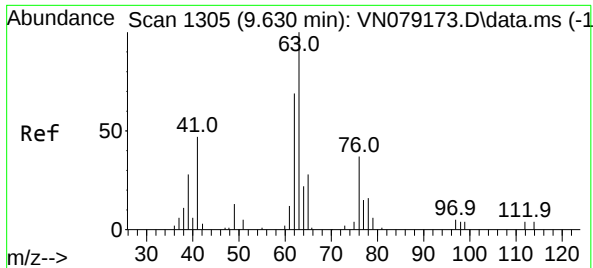
Ion Ratio Lower Upper

83 100

55 81.3 39.1 117.2

98 49.1 24.1 72.4





#39

1,2-Dichloropropane

Concen: 19.811 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. -0.006 min

Lab File: VN079328.D

Acq: 22 Sep 2023 09:50

Instrument :

MSVOA_N

ClientSampleId :

VN0922WBS01

Tgt Ion: 63 Resp: 5429

Ion Ratio Lower Upper

63 100

65 32.3 23.4 35.0

Manual Integrations

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Reviewed By :John

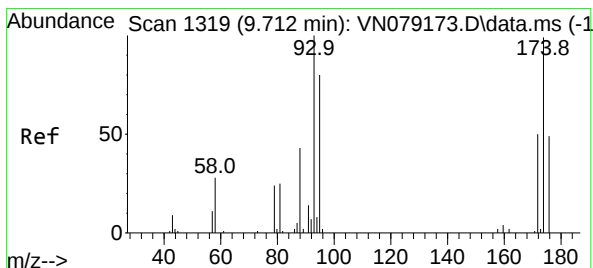
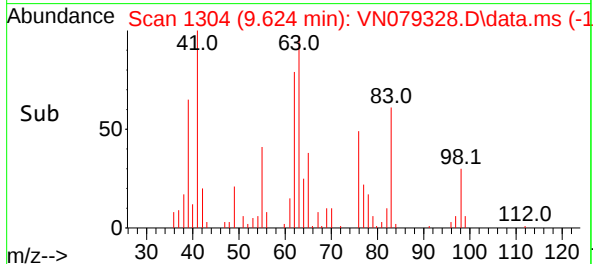
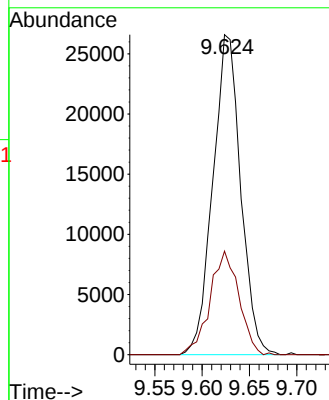
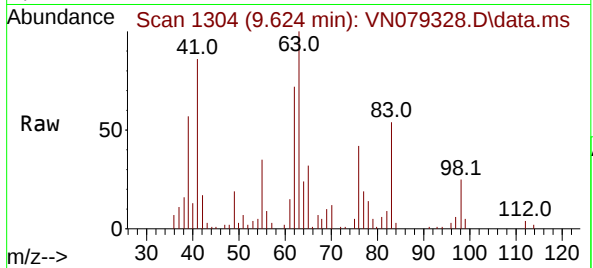
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Supervised By :Mahesh

Dadoda

09/25/2023



#40

Dibromomethane

Concen: 20.529 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN079328.D

Acq: 22 Sep 2023 09:50

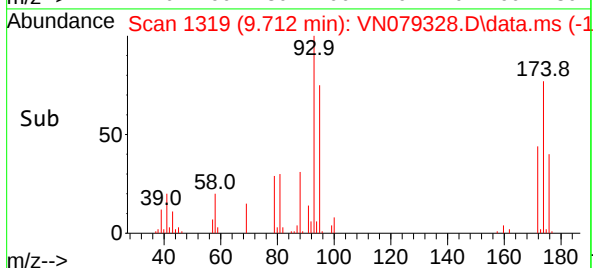
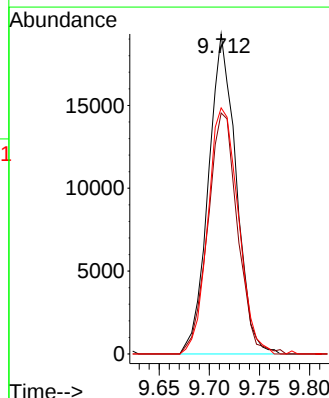
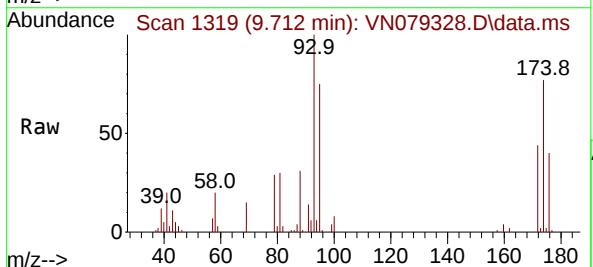
Tgt Ion: 93 Resp: 37102

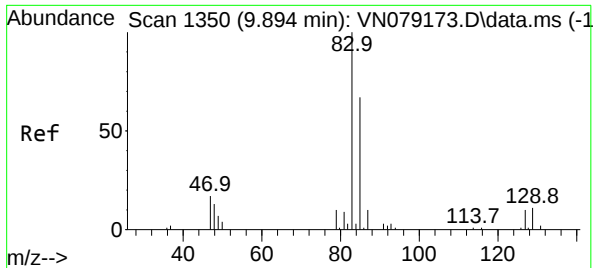
Ion Ratio Lower Upper

93 100

95 80.5 0.0 172.4

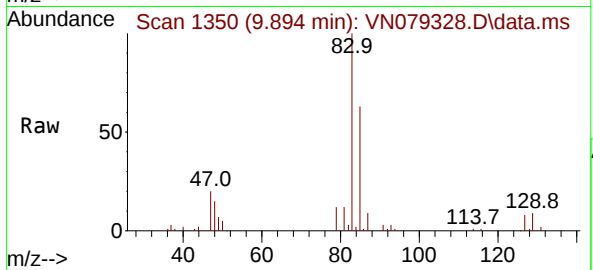
174 84.3 0.0 192.4





#41
Bromodichloromethane
Concen: 20.912 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN079328.D
Acq: 22 Sep 2023 09:50

Instrument :
MSVOA_N
ClientSampleId :
VN0922WBS01

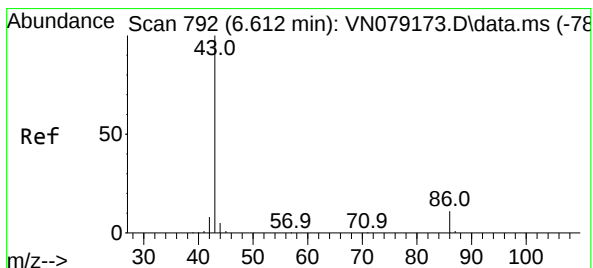
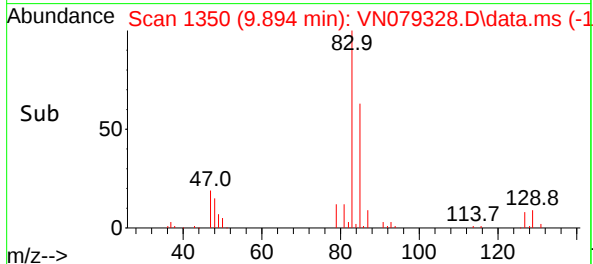
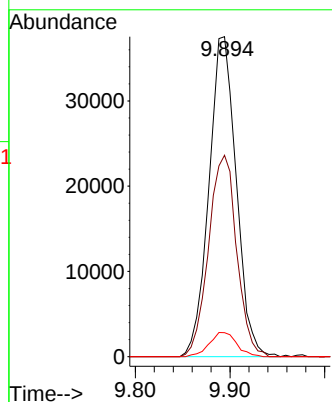


Tgt Ion: 83 Resp: 75339
Ion Ratio Lower Upper
83 100
85 62.9 53.4 80.2
127 7.5 8.3 12.5

Manual Integrations
APPROVED

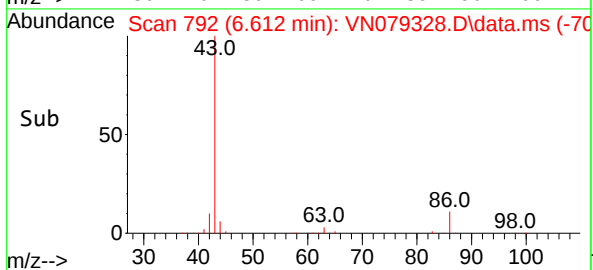
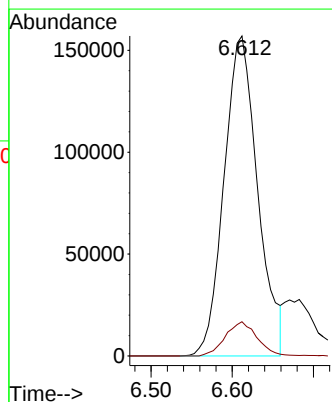
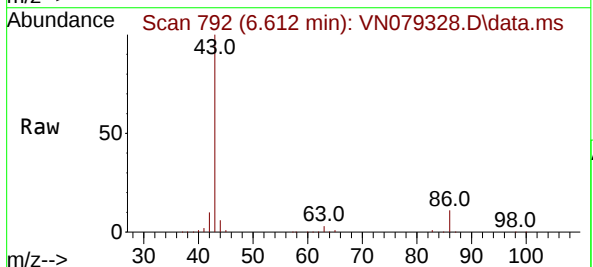
Reviewed By :John
Carlone
09/25/2023

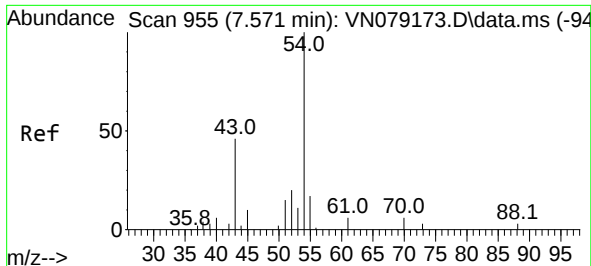
Supervised By :Mahesh
Dadoda
09/25/2023



#42
Vinyl Acetate
Concen: 113.298 ug/l
RT: 6.612 min Scan# 792
Delta R.T. -0.000 min
Lab File: VN079328.D
Acq: 22 Sep 2023 09:50

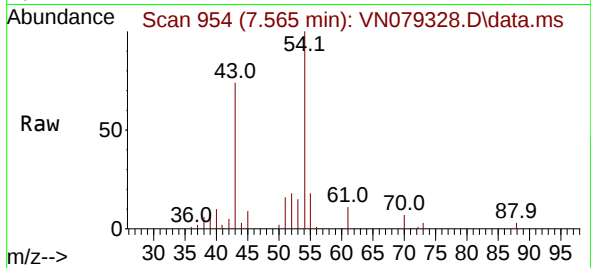
Tgt Ion: 43 Resp: 452553
Ion Ratio Lower Upper
43 100
86 10.1 9.2 13.8





#43
Ethyl Acetate
Concen: 21.901 ug/l
RT: 7.565 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN079328.D
Acq: 22 Sep 2023 09:50

Instrument :
MSVOA_N
ClientSampleId :
VN0922WBS01

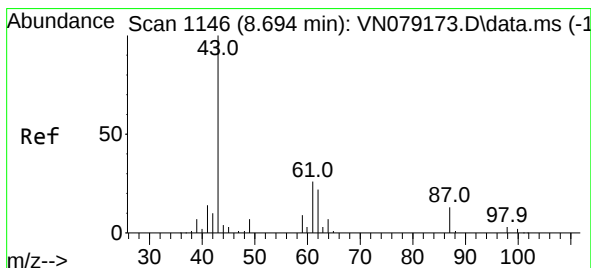
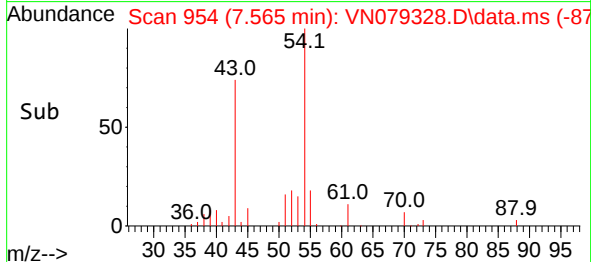
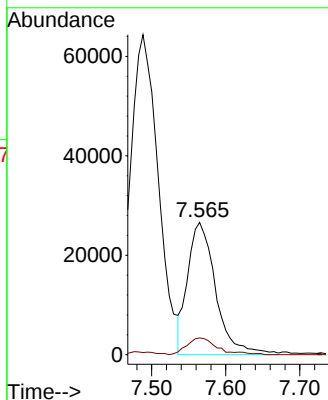


Tgt Ion: 43 Resp: 6995
Ion Ratio Lower Upper
43 100
45 12.2 11.1 16.7

Manual Integrations
APPROVED

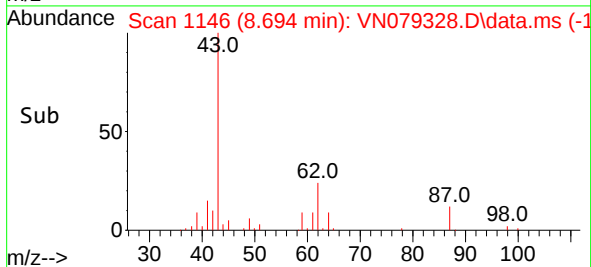
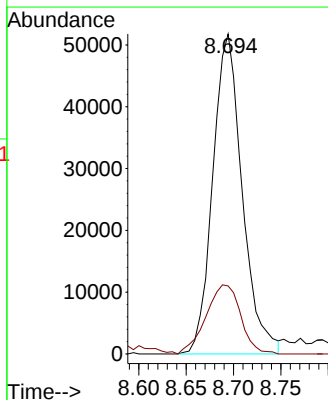
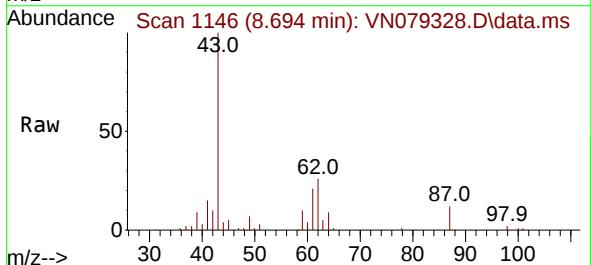
Reviewed By :John
Carlone
09/25/2023

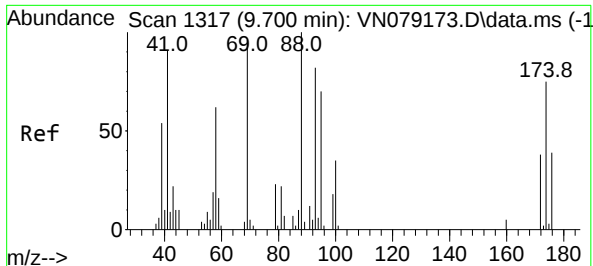
Supervised By :Mahesh
Dadoda
09/25/2023



#44
Isopropyl Acetate
Concen: 19.478 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN079328.D
Acq: 22 Sep 2023 09:50

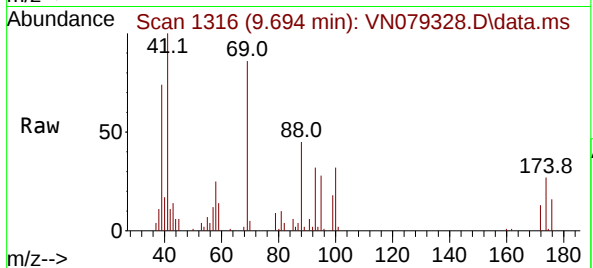
Tgt Ion: 43 Resp: 111926
Ion Ratio Lower Upper
43 100
61 25.3 22.6 33.8





#45
1,4-Dioxane
Concen: 309.699 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. -0.006 min
Lab File: VN079328.D
Acq: 22 Sep 2023 09:50

Instrument :
MSVOA_N
ClientSampleId :
VN0922WBS01

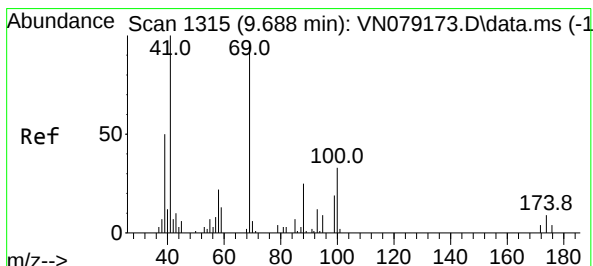
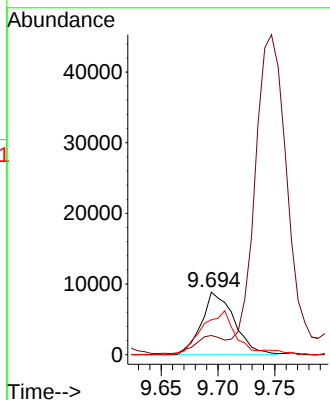
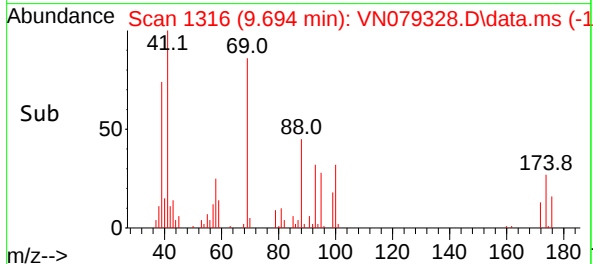


Tgt Ion: 88 Resp: 17714
Ion Ratio Lower Upper
88 100
43 27.1 19.9 29.9
58 70.2 58.0 87.0

Manual Integrations
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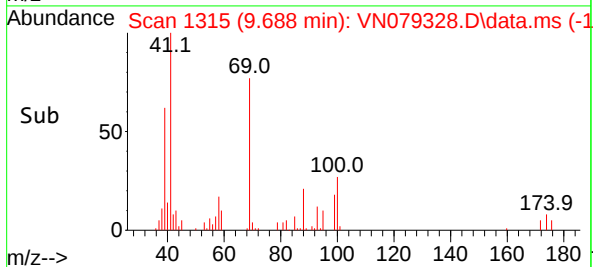
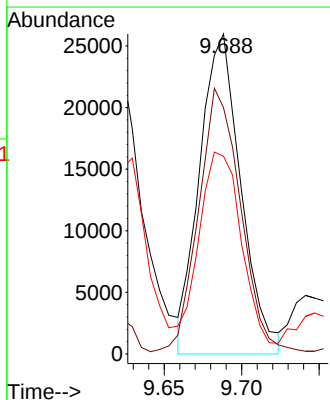
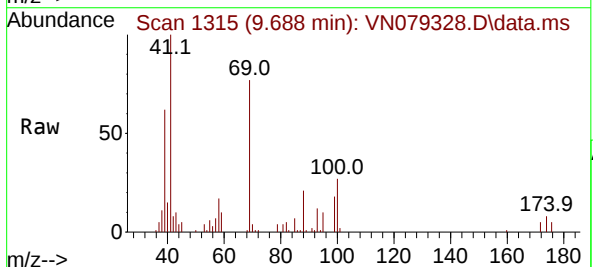
Reviewed By :John
Carlone
09/25/2023

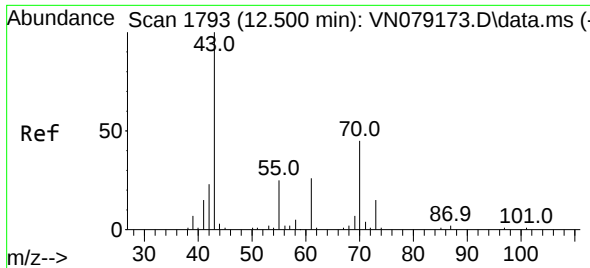
Supervised By :Mahesh
Dadoda
09/25/2023



#46
Methyl methacrylate
Concen: 18.724 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN079328.D
Acq: 22 Sep 2023 09:50

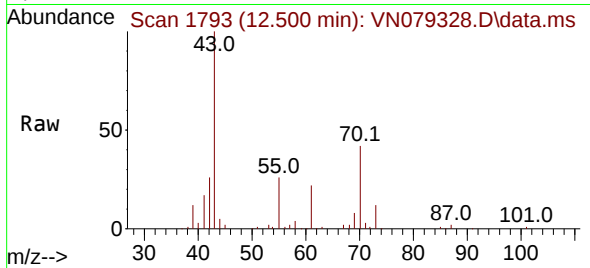
Tgt Ion: 41 Resp: 48068
Ion Ratio Lower Upper
41 100
69 79.4 48.1 144.3
39 62.5 25.8 77.3





#47
n-amy1 Acetate
Concen: 21.650 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN079328.D
Acq: 22 Sep 2023 09:50

Instrument :
MSVOA_N
ClientSampleId :
VN0922WBS01

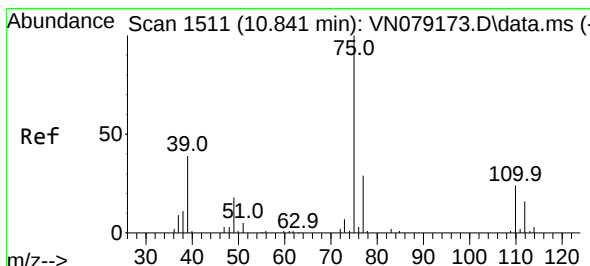
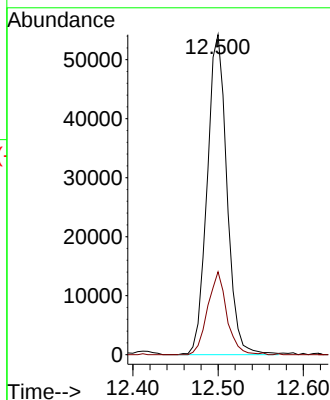
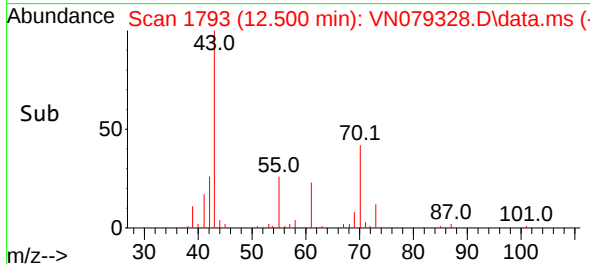


Tgt Ion: 43 Resp: 87490
Ion Ratio Lower Upper
43 100
55 25.0 20.5 30.7

Manual Integrations
APPROVED

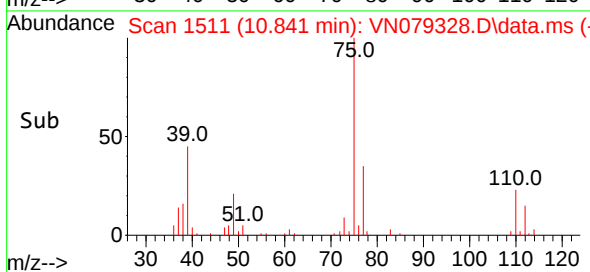
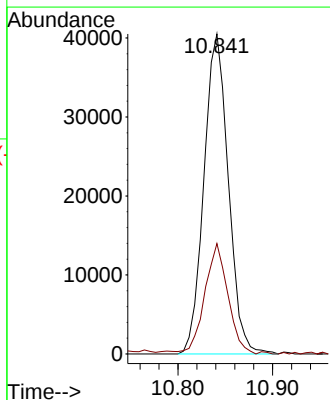
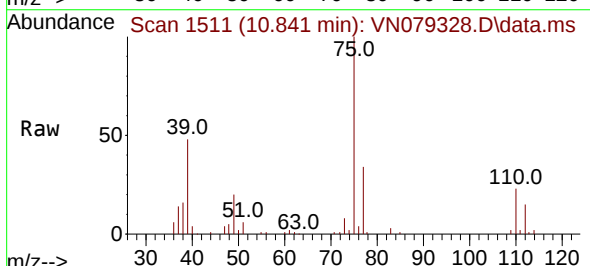
Reviewed By :John
Carlone
09/25/2023

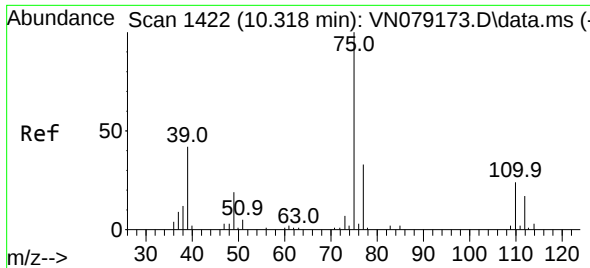
Supervised By :Mahesh
Dadoda
09/25/2023



#48
t-1,3-Dichloropropene
Concen: 18.613 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN079328.D
Acq: 22 Sep 2023 09:50

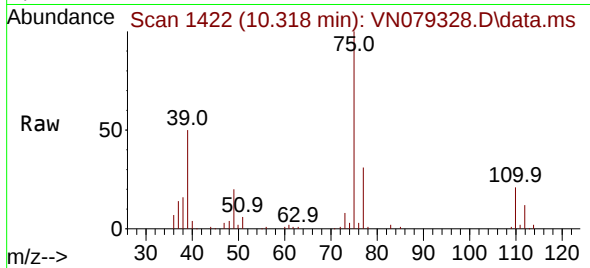
Tgt Ion: 75 Resp: 72547
Ion Ratio Lower Upper
75 100
77 34.5 22.9 34.3#





#49
 cis-1,3-Dichloropropene
 Concen: 19.704 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. -0.000 min
 Lab File: VN079328.D
 Acq: 22 Sep 2023 09:50

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0922WBS01



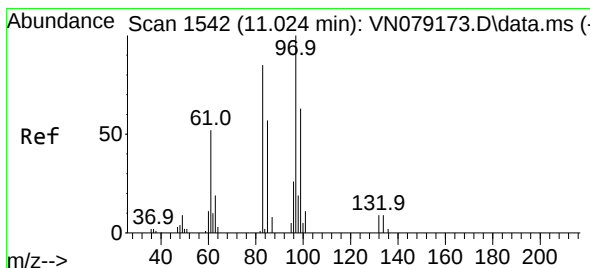
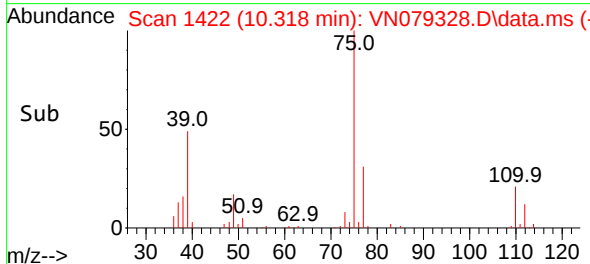
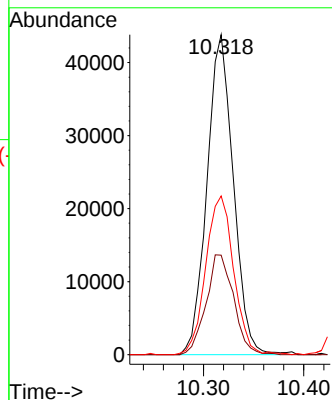
Tgt Ion: 75 Resp: 80109

Ion	Ratio	Lower	Upper
75	100		
77	31.1	26.2	39.2
39	49.2	33.8	50.8

Manual Integrations
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Reviewed By :John
 Carlone
 09/25/2023

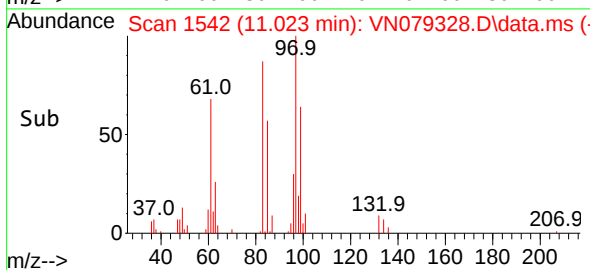
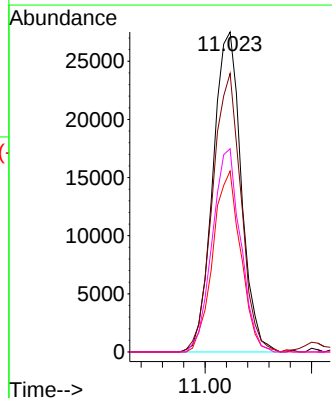
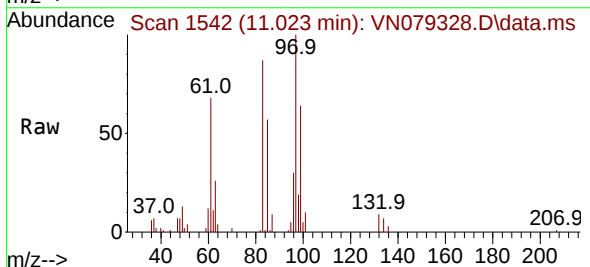
Supervised By :Mahesh
 Dadoda
 09/25/2023

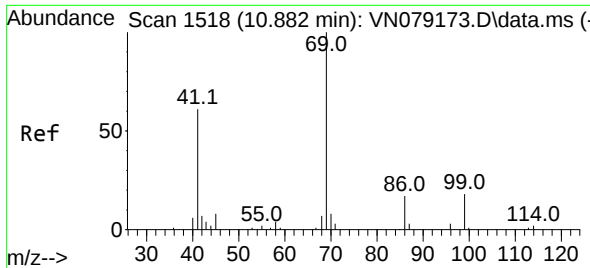


#50
 1,1,2-Trichloroethane
 Concen: 20.022 ug/l
 RT: 11.023 min Scan# 1542
 Delta R.T. -0.001 min
 Lab File: VN079328.D
 Acq: 22 Sep 2023 09:50

Tgt Ion: 97 Resp: 50765

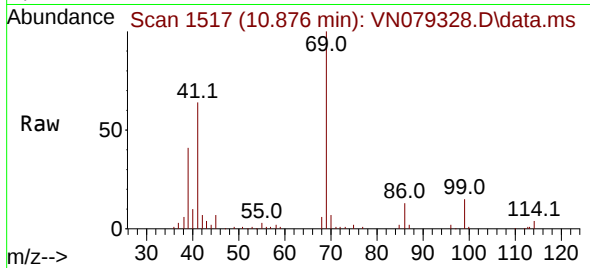
Ion	Ratio	Lower	Upper
97	100		
83	87.1	68.9	103.3
85	56.5	45.3	67.9
99	63.5	50.4	75.6





#51
Ethyl methacrylate
Concen: 17.457 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.006 min
Lab File: VN079328.D
Acq: 22 Sep 2023 09:50

Instrument :
MSVOA_N
ClientSampleId :
VN0922WBS01

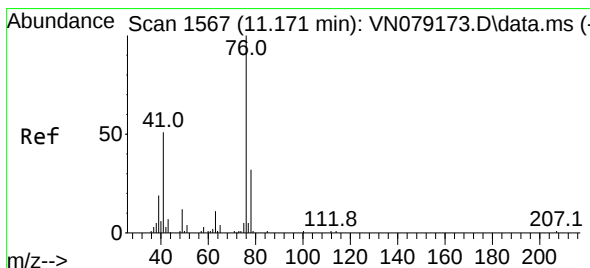
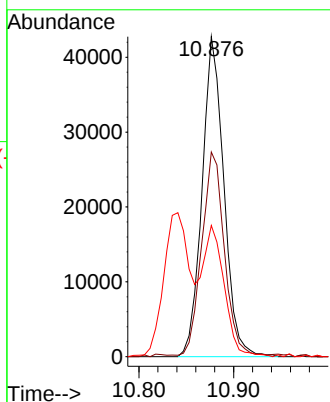
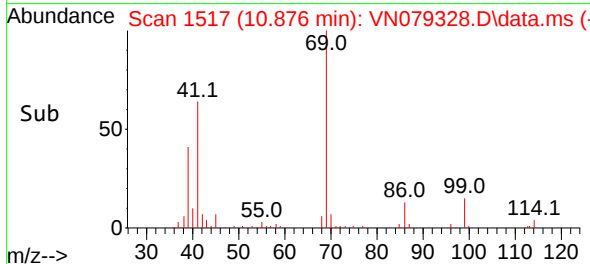


Tgt Ion: 69 Resp: 6835
Ion Ratio Lower Upper
69 100
41 63.5 30.3 90.9
39 40.4 13.4 40.1

Manual Integrations
APPROVED

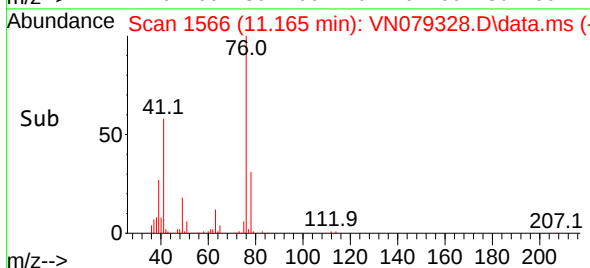
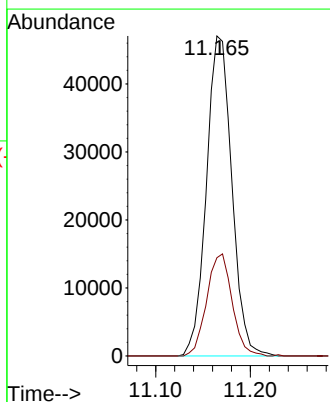
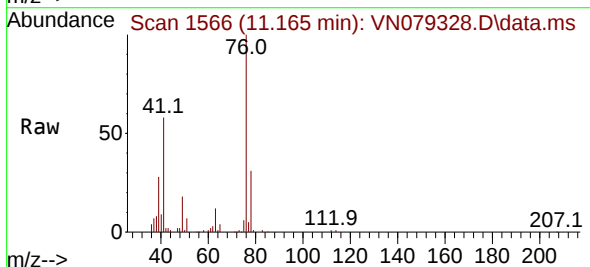
Reviewed By :John
Carlone
09/25/2023

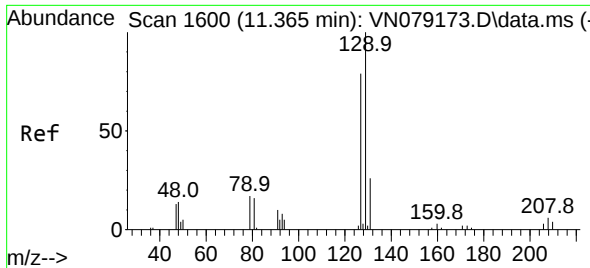
Supervised By :Mahesh
Dadoda
09/25/2023



#52
1,3-Dichloropropane
Concen: 20.250 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. -0.006 min
Lab File: VN079328.D
Acq: 22 Sep 2023 09:50

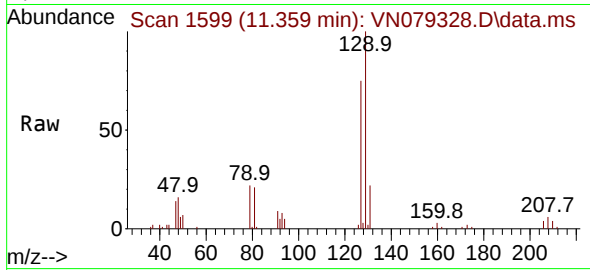
Tgt Ion: 76 Resp: 87653
Ion Ratio Lower Upper
76 100
78 31.9 0.0 64.2





#53
Dibromochloromethane
Concen: 19.383 ug/l
RT: 11.359 min Scan# 1159
Delta R.T. -0.006 min
Lab File: VN079328.D
Acq: 22 Sep 2023 09:50

Instrument :
MSVOA_N
ClientSampleId :
VN0922WBS01

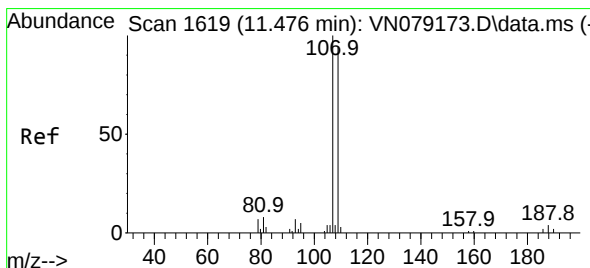
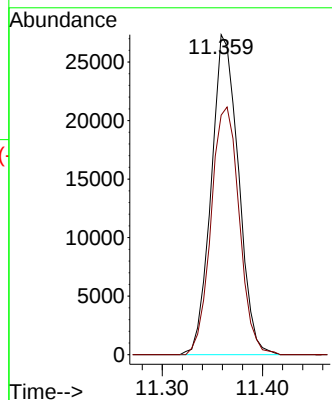


Tgt Ion:129 Resp: 51542
Ion Ratio Lower Upper
129 100
127 79.9 38.7 116.1

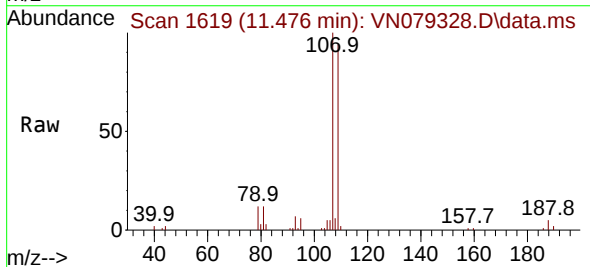
Manual Integrations
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Reviewed By :John
Carlone
09/25/2023

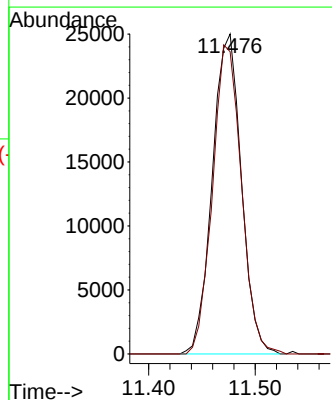
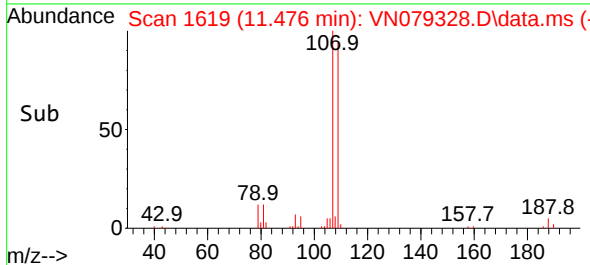
Supervised By :Mahesh
Dadoda
09/25/2023

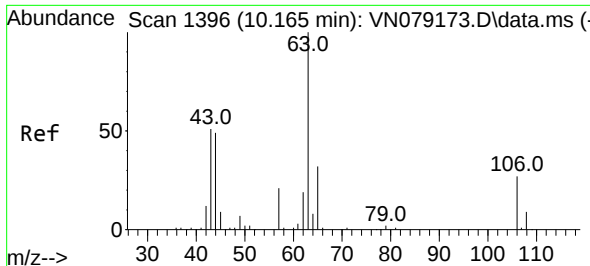


#54
1,2-Dibromoethane
Concen: 18.366 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VN079328.D
Acq: 22 Sep 2023 09:50



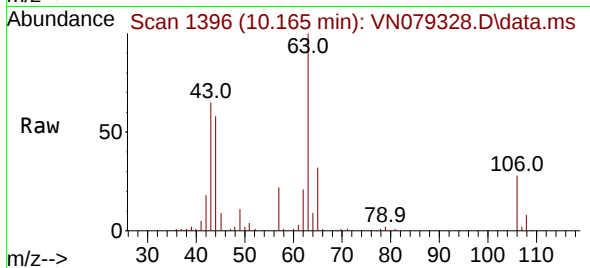
Tgt Ion:107 Resp: 47284
Ion Ratio Lower Upper
107 100
109 96.1 76.4 114.6





#55
2-Chloroethyl vinyl ether
Concen: 95.487 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. -0.000 min
Lab File: VN079328.D
Acq: 22 Sep 2023 09:50

Instrument :
MSVOA_N
ClientSampleId :
VN0922WBS01

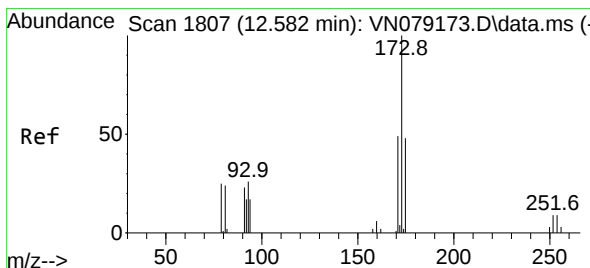
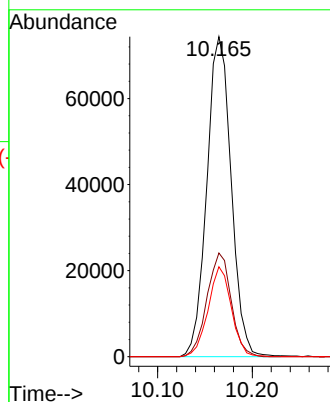


Tgt Ion: 63 Resp: 132852
Ion Ratio Lower Upper
63 100
65 32.2 25.7 38.5
106 26.8 21.9 32.9

Manual Integrations
APPROVED

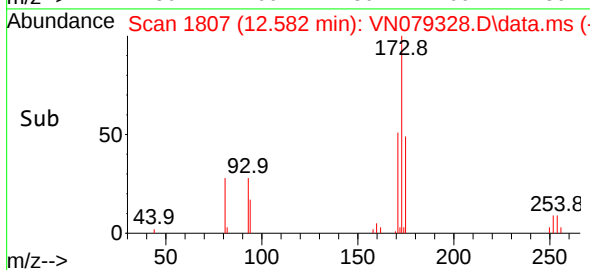
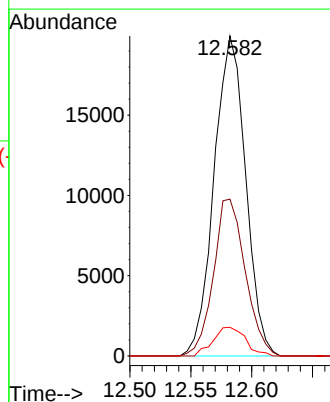
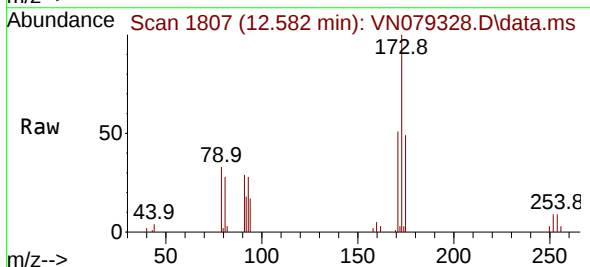
Reviewed By :John
Carlone
09/25/2023

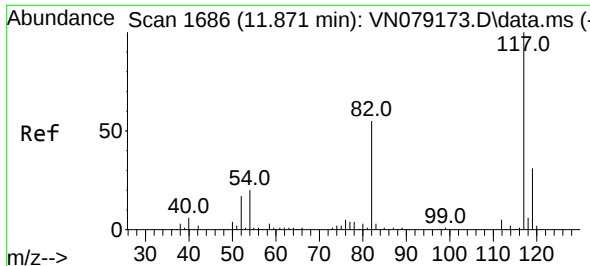
Supervised By :Mahesh
Dadoda
09/25/2023



#56
Bromoform
Concen: 19.388 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN079328.D
Acq: 22 Sep 2023 09:50

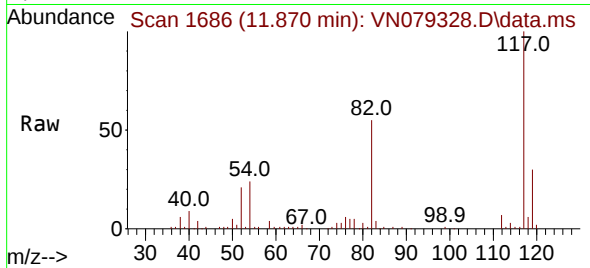
Tgt Ion:173 Resp: 35925
Ion Ratio Lower Upper
173 100
175 49.4 37.6 56.4
254 9.2 7.8 11.8





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.001 min
Lab File: VN079328.D
Acq: 22 Sep 2023 09:50

Instrument :
MSVOA_N
ClientSampleId :
VN0922WBS01

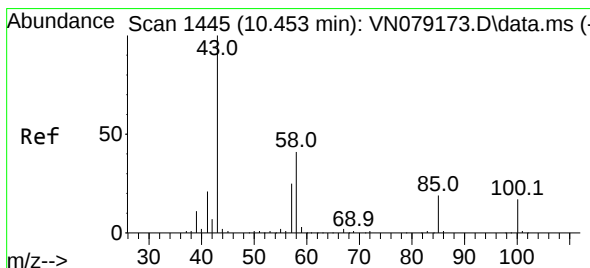
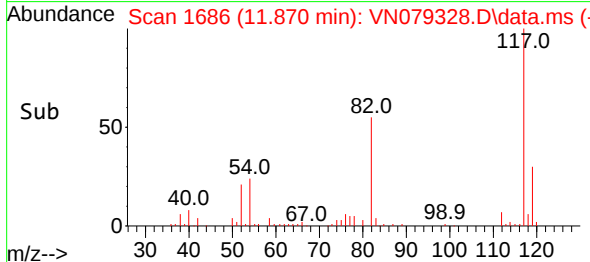
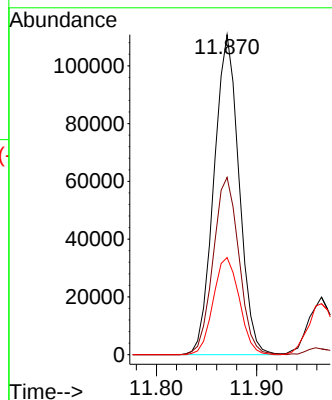


Tgt Ion:117 Resp: 192590
Ion Ratio Lower Upper
117 100
82 56.9 44.7 67.1
119 31.5 24.9 37.3

Manual Integrations
APPROVED

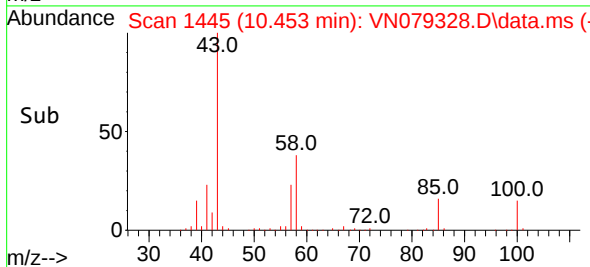
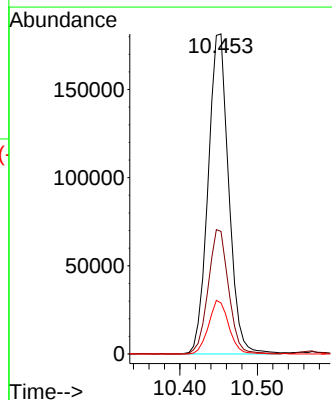
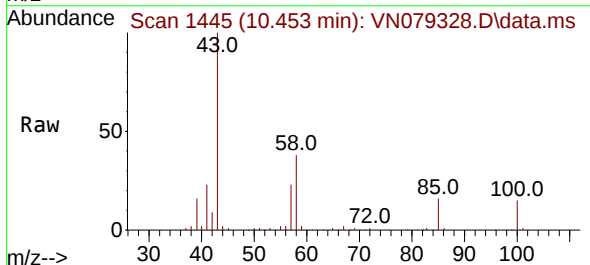
Reviewed By :John
Carlone
09/25/2023

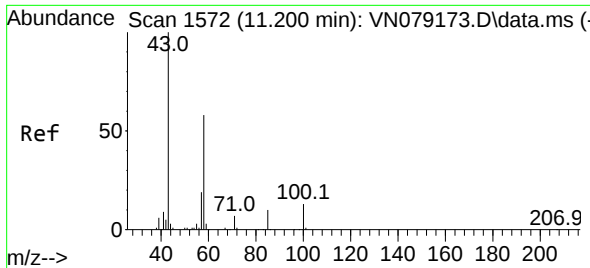
Supervised By :Mahesh
Dadoda
09/25/2023



#58
4-Methyl-2-Pentanone
Concen: 94.996 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. -0.000 min
Lab File: VN079328.D
Acq: 22 Sep 2023 09:50

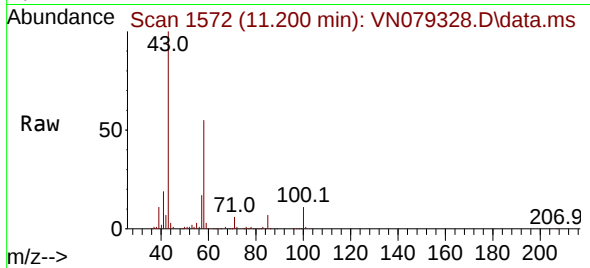
Tgt Ion: 43 Resp: 335740
Ion Ratio Lower Upper
43 100
58 38.6 33.6 50.4
85 16.4 15.0 22.4





#59
2-Hexanone
Concen: 98.330 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. -0.000 min
Lab File: VN079328.D
Acq: 22 Sep 2023 09:50

Instrument :
MSVOA_N
ClientSampleId :
VN0922WBS01

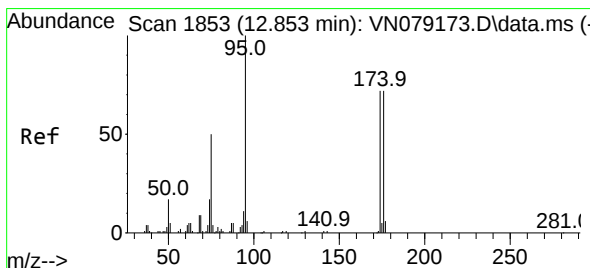
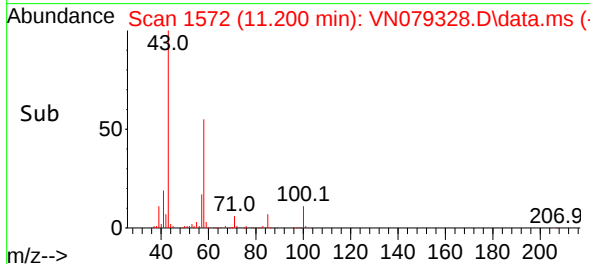
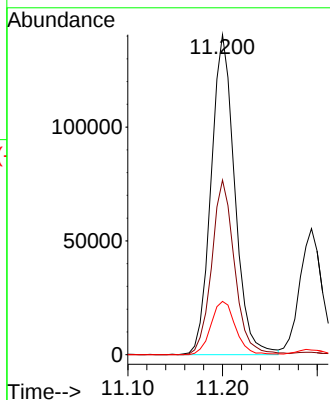


Tgt Ion: 43 Resp: 244063
Ion Ratio Lower Upper
43 100
58 52.9 46.4 69.6
57 17.3 15.3 22.9

Manual Integrations
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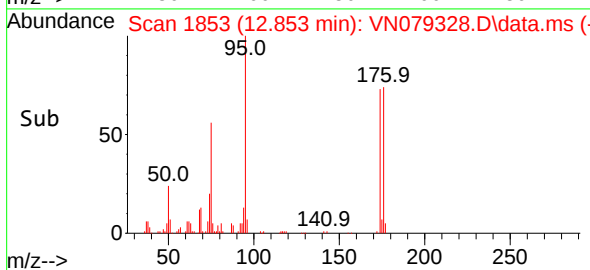
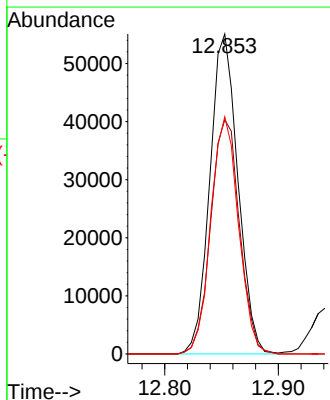
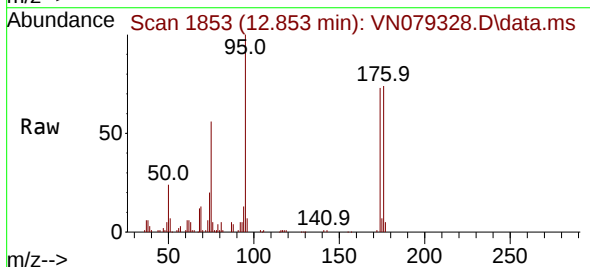
Reviewed By :John
Carlone
09/25/2023

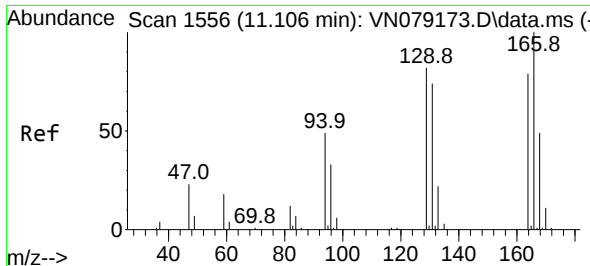
Supervised By :Mahesh
Dadoda
09/25/2023



#60
4-Bromofluorobenzene
Concen: 33.340 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079328.D
Acq: 22 Sep 2023 09:50

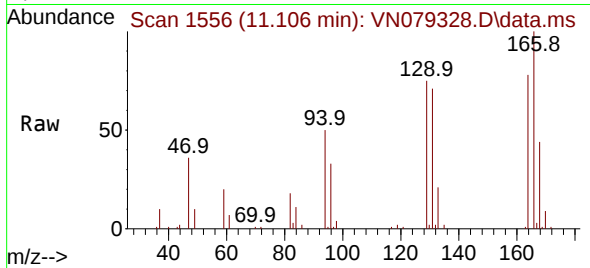
Tgt Ion: 95 Resp: 94613
Ion Ratio Lower Upper
95 100
174 75.2 59.5 89.3
176 73.2 59.1 88.7





#61
Tetrachloroethene
Concen: 18.511 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN079328.D
Acq: 22 Sep 2023 09:50

Instrument :
MSVOA_N
ClientSampleId :
VN0922WBS01

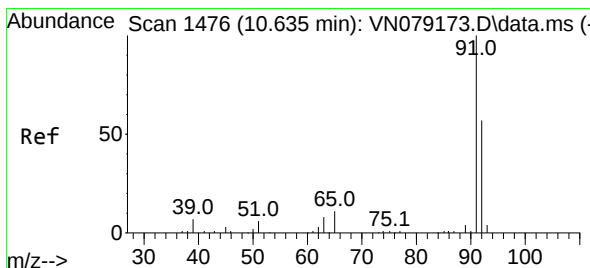
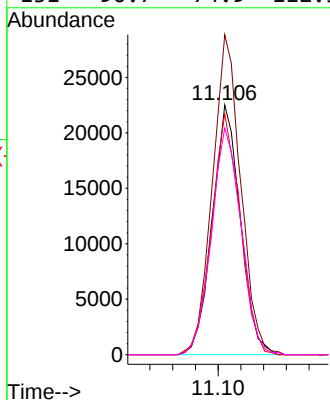


Tgt Ion:164 Resp: 38792
Ion Ratio Lower Upper
164 100
166 128.1 101.9 152.9
129 96.4 83.4 125.0
131 90.7 74.9 112.3

Manual Integrations
APPROVED

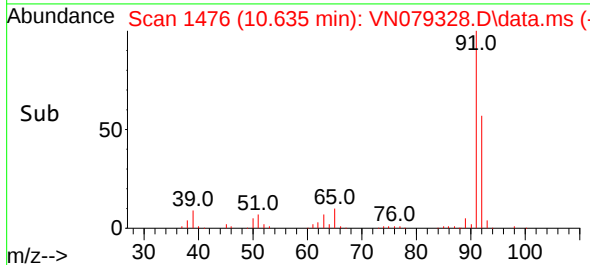
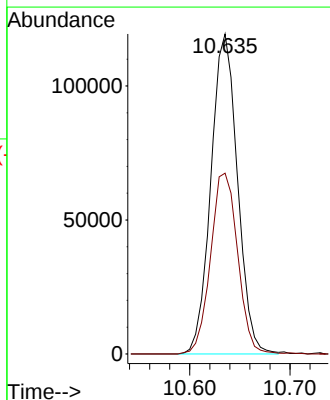
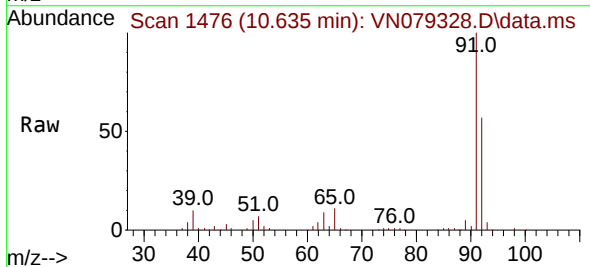
Reviewed By :John
Carlone
09/25/2023

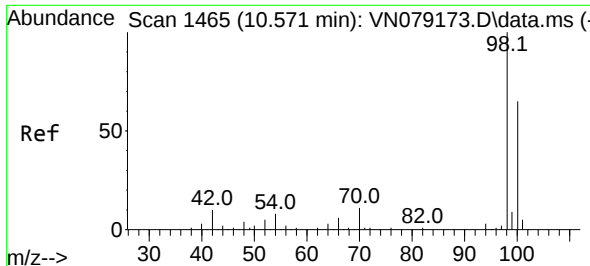
Supervised By :Mahesh
Dadoda
09/25/2023



#62
Toluene
Concen: 19.590 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079328.D
Acq: 22 Sep 2023 09:50

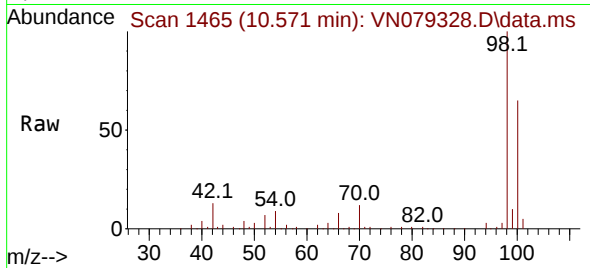
Tgt Ion: 91 Resp: 219684
Ion Ratio Lower Upper
91 100
92 57.6 45.7 68.5





#63
Toluene-d8
Concen: 31.061 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN079328.D
Acq: 22 Sep 2023 09:50

Instrument :
MSVOA_N
ClientSampleId :
VN0922WBS01

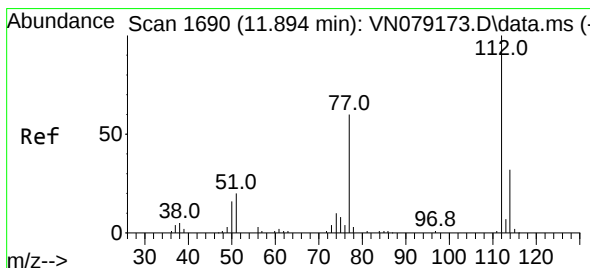
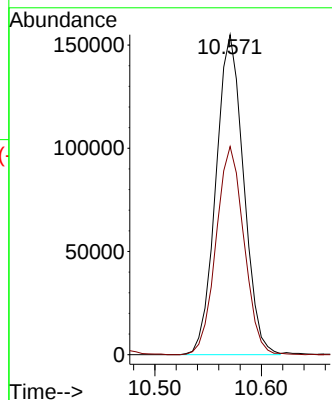


Tgt Ion: 98 Resp: 279573
Ion Ratio Lower Upper
98 100
100 65.5 52.5 78.7

Manual Integrations
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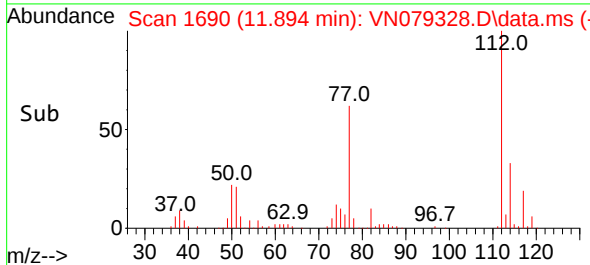
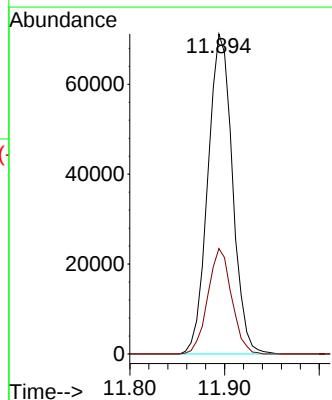
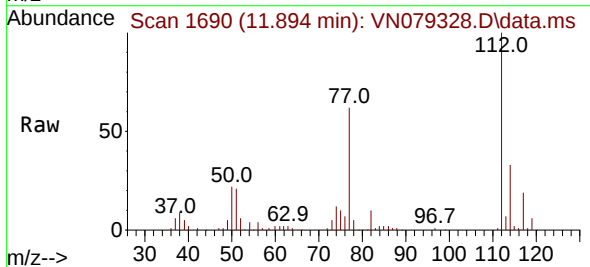
Reviewed By :John
Carlone
09/25/2023

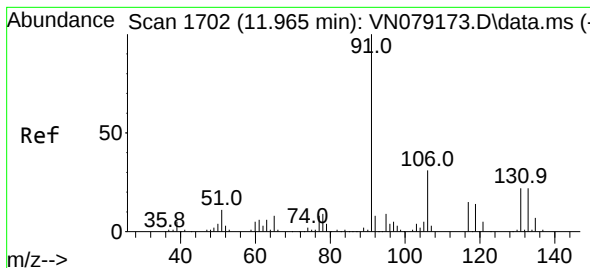
Supervised By :Mahesh
Dadoda
09/25/2023



#64
Chlorobenzene
Concen: 19.635 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. -0.000 min
Lab File: VN079328.D
Acq: 22 Sep 2023 09:50

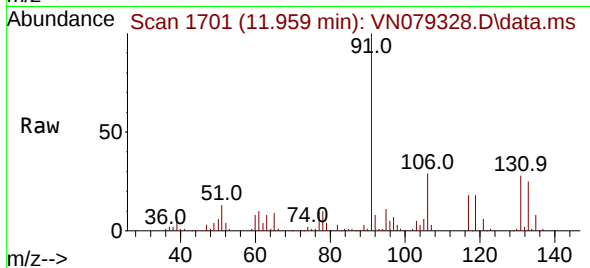
Tgt Ion:112 Resp: 128453
Ion Ratio Lower Upper
112 100
114 32.9 25.6 38.4





#65
1,1,1,2-Tetrachloroethane
Concen: 19.208 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN079328.D
Acq: 22 Sep 2023 09:50

Instrument :
MSVOA_N
ClientSampleId :
VN0922WBS01

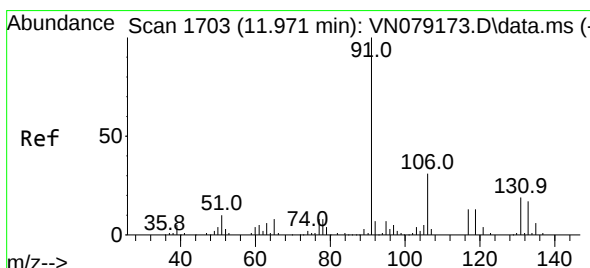
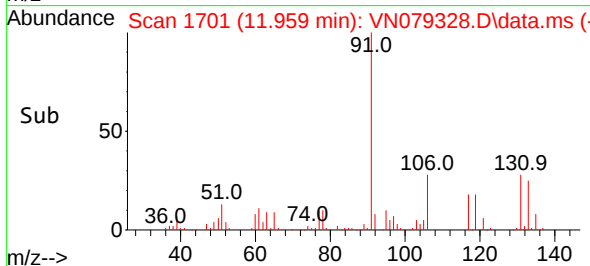
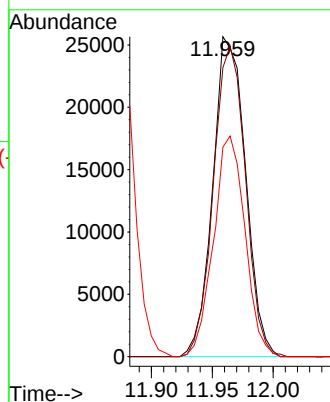


Tgt Ion:131 Resp: 48108
Ion Ratio Lower Upper
131 100
133 94.9 0.0 193.0
119 66.2 0.0 131.2

Manual Integrations
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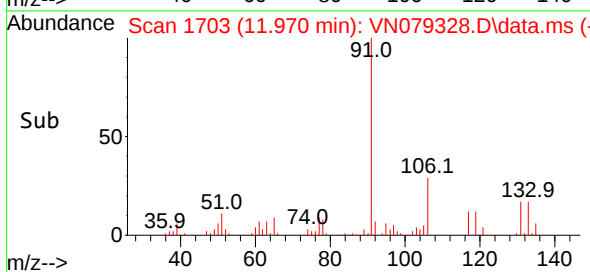
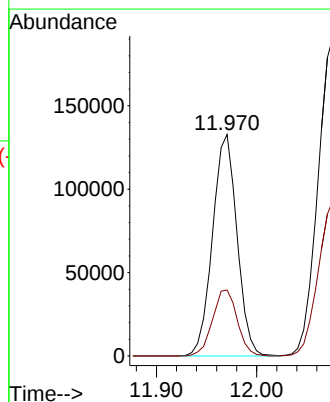
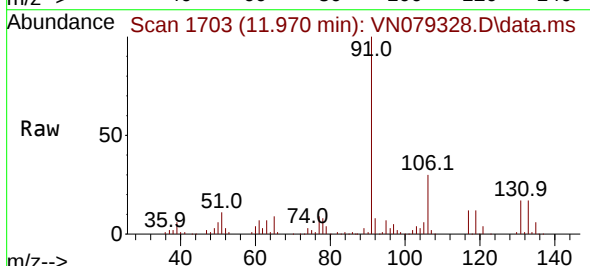
Reviewed By :John
Carlone
09/25/2023

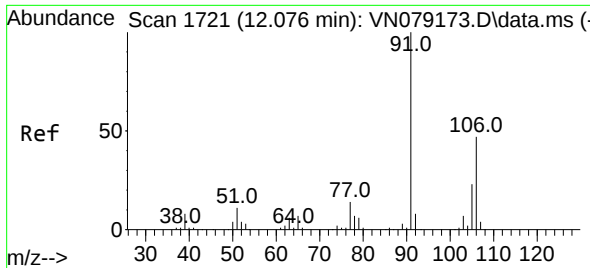
Supervised By :Mahesh
Dadoda
09/25/2023



#66
Ethyl Benzene
Concen: 19.927 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. -0.001 min
Lab File: VN079328.D
Acq: 22 Sep 2023 09:50

Tgt Ion: 91 Resp: 224989
Ion Ratio Lower Upper
91 100
106 29.8 25.0 37.6





#67
m/p-Xylenes
Concen: 41.913 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN079328.D
Acq: 22 Sep 2023 09:50

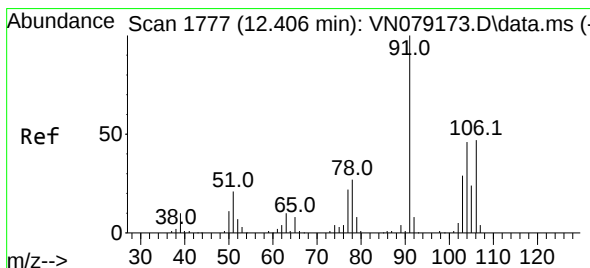
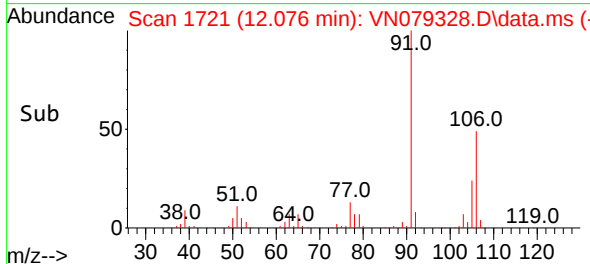
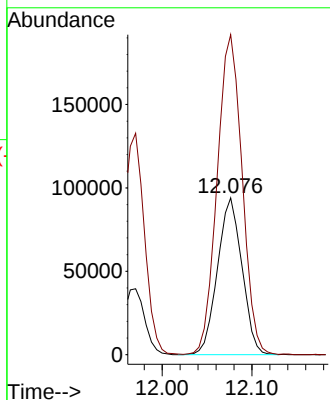
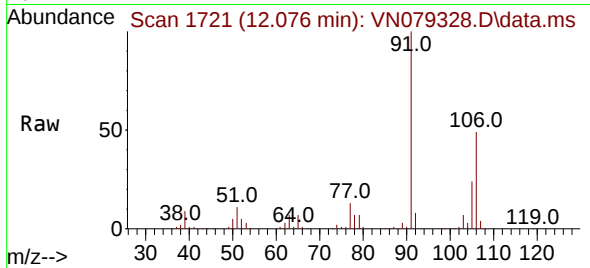
Instrument :
MSVOA_N
ClientSampleId :
VN0922WBS01

Tgt Ion:106 Resp: 178064
Ion Ratio Lower Upper
106 100
91 208.5 165.2 247.8

Manual Integrations
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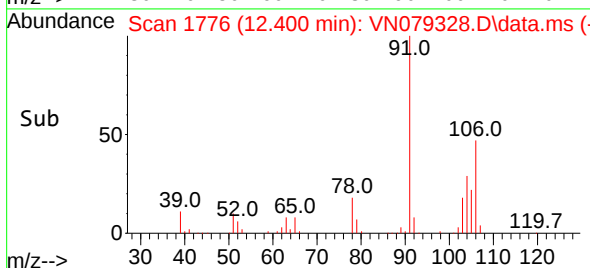
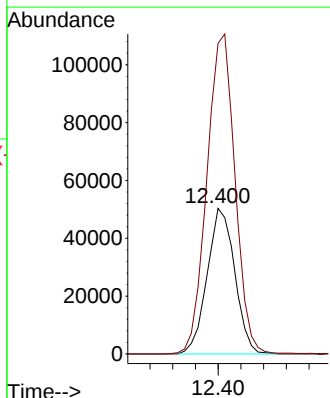
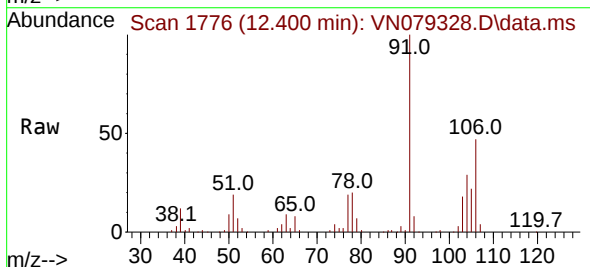
Reviewed By :John
Carlone
09/25/2023

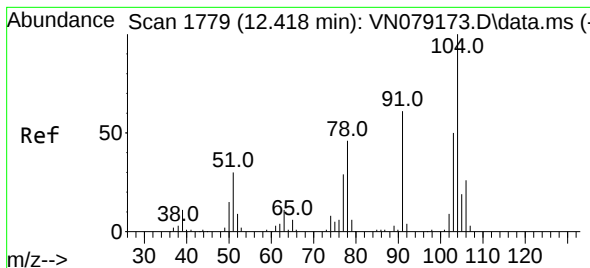
Supervised By :Mahesh
Dadoda
09/25/2023



#68
o-Xylene
Concen: 20.735 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.006 min
Lab File: VN079328.D
Acq: 22 Sep 2023 09:50

Tgt Ion:106 Resp: 84955
Ion Ratio Lower Upper
106 100
91 224.2 109.7 329.1





#69

Styrene

Concen: 21.853 ug/l

RT: 12.417 min Scan# 1779

Delta R.T. -0.001 min

Lab File: VN079328.D

Acq: 22 Sep 2023 09:50

Instrument :

MSVOA_N

ClientSampleId :

VN0922WBS01

Tgt Ion:104 Resp: 142809

Ion Ratio Lower Upper

104 100

78 50.8 40.5 60.7

103 56.0 43.3 64.9

Manual Integrations

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Reviewed By :John

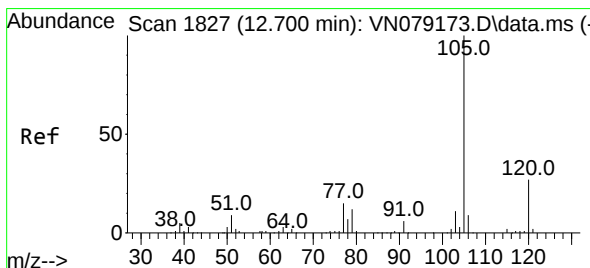
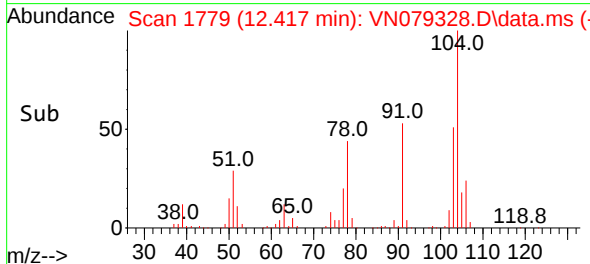
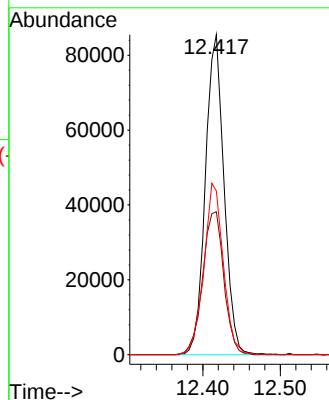
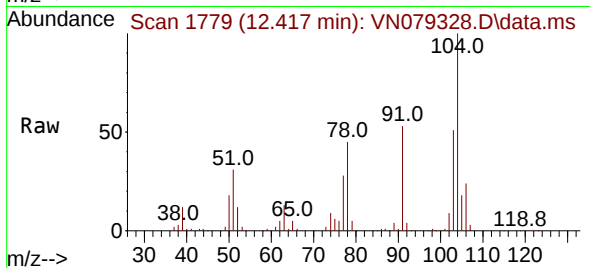
Carlone

09/25/2023

Supervised By :Mahesh

Dadoda

09/25/2023



#70

Isopropylbenzene

Concen: 22.225 ug/l

RT: 12.700 min Scan# 1827

Delta R.T. -0.000 min

Lab File: VN079328.D

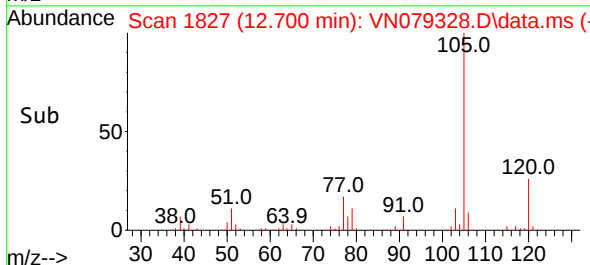
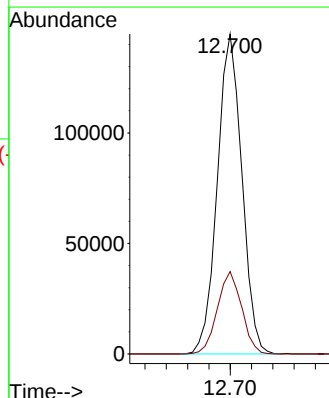
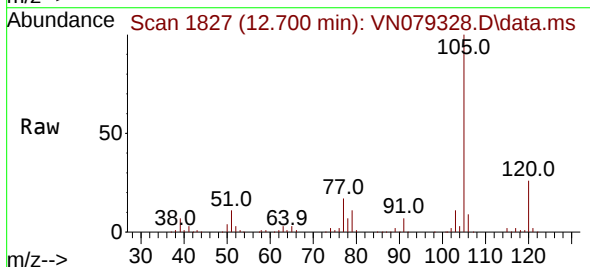
Acq: 22 Sep 2023 09:50

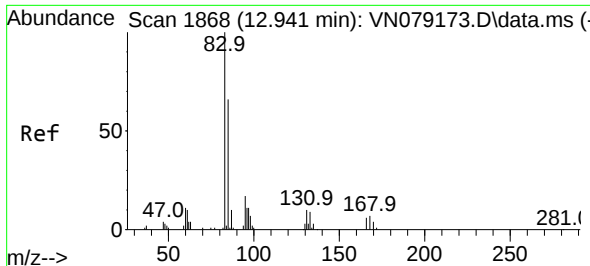
Tgt Ion:105 Resp: 231467

Ion Ratio Lower Upper

105 100

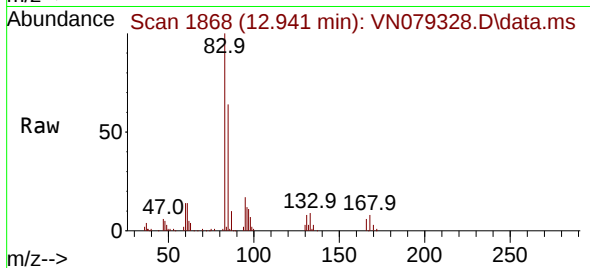
120 25.4 18.5 34.3





#71
1,1,2,2-Tetrachloroethane
Concen: 20.439 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN079328.D
Acq: 22 Sep 2023 09:50

Instrument :
MSVOA_N
ClientSampleId :
VN0922WBS01

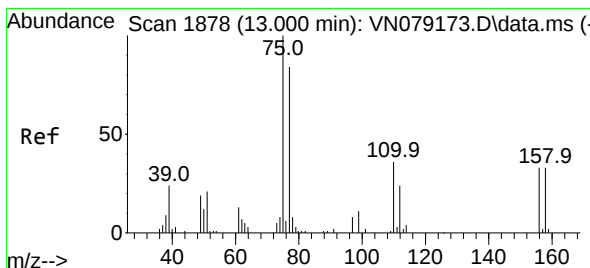
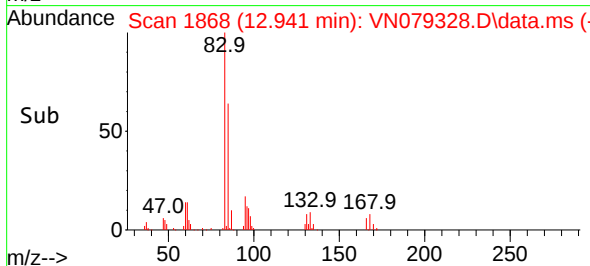
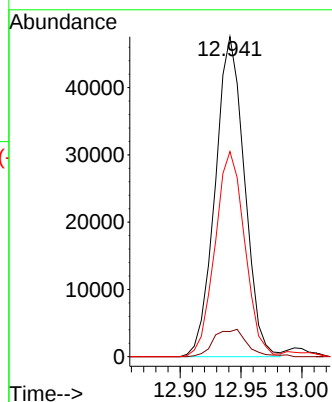


Tgt Ion: 83 Resp: 79628
Ion Ratio Lower Upper
83 100
131 9.6 4.9 14.6
85 64.9 33.1 99.3

Manual Integrations
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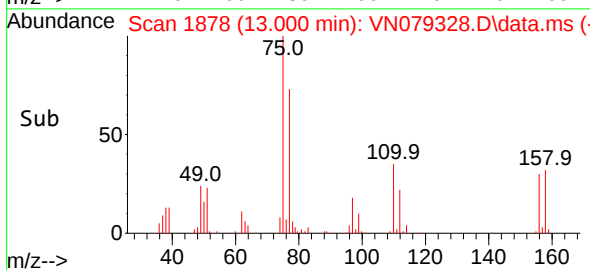
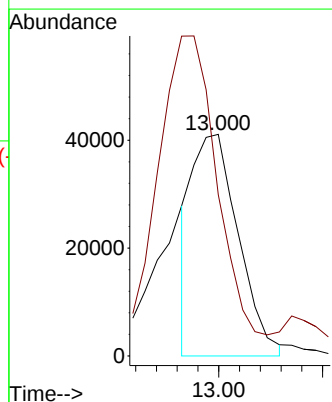
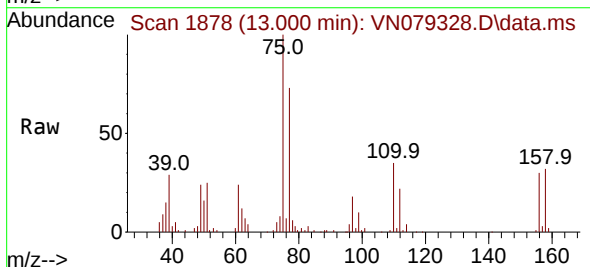
Reviewed By :John
Carlone
09/25/2023

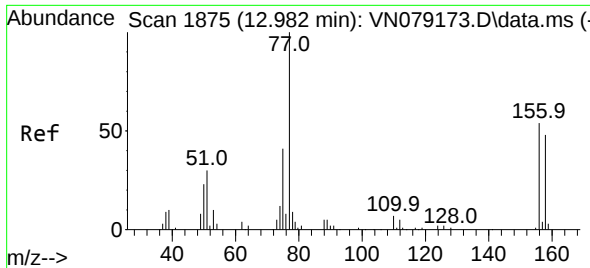
Supervised By :Mahesh
Dadoda
09/25/2023



#72
1,2,3-Trichloropropane
Concen: 19.337 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN079328.D
Acq: 22 Sep 2023 09:50

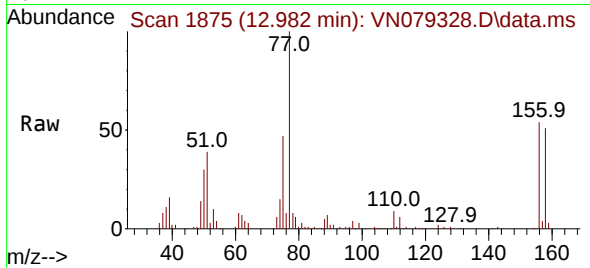
Tgt Ion: 75 Resp: 63386
Ion Ratio Lower Upper
75 100
77 192.5 0.0 252.2





#73
Bromobenzene
Concen: 20.834 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN079328.D
Acq: 22 Sep 2023 09:50

Instrument :
MSVOA_N
ClientSampleId :
VN0922WBS01

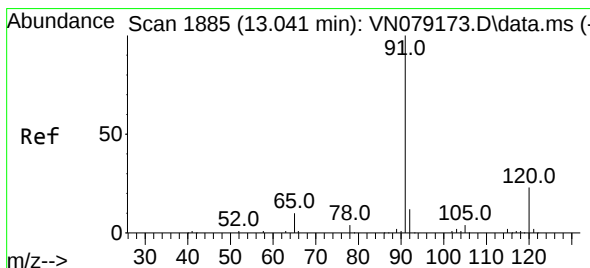
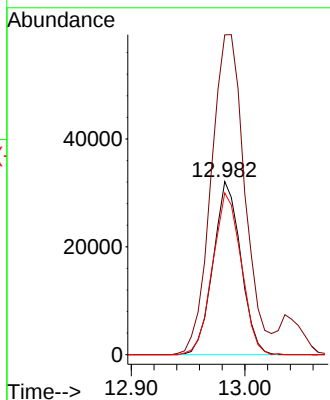
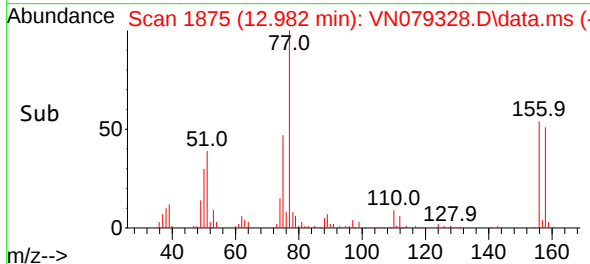


Tgt Ion:156 Resp: 5420
Ion Ratio Lower Upper
156 100
77 225.1 0.0 446.6
158 96.7 0.0 188.6

Manual Integrations
APPROVED

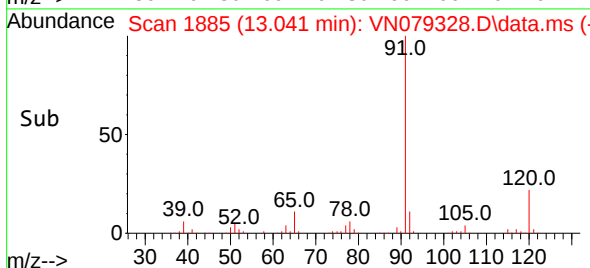
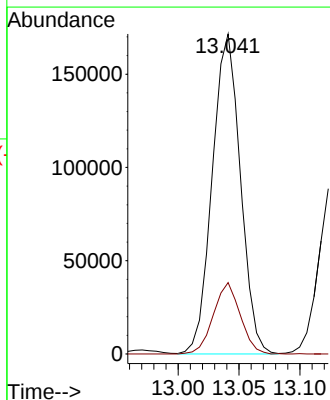
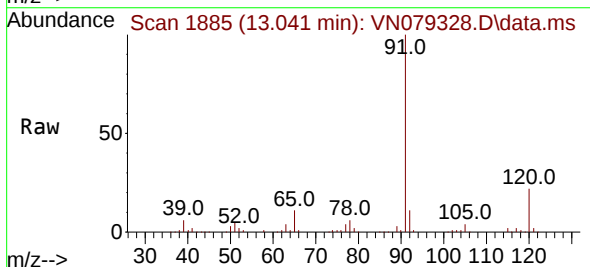
Reviewed By :John
Carlone
09/25/2023

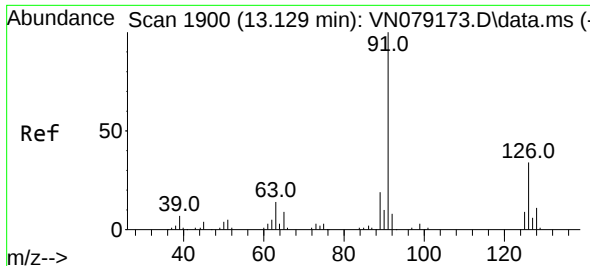
Supervised By :Mahesh
Dadoda
09/25/2023



#74
n-propylbenzene
Concen: 23.280 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VN079328.D
Acq: 22 Sep 2023 09:50

Tgt Ion: 91 Resp: 276244
Ion Ratio Lower Upper
91 100
120 21.2 0.0 44.0





#75
2-Chlorotoluene
Concen: 21.869 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN079328.D
Acq: 22 Sep 2023 09:50

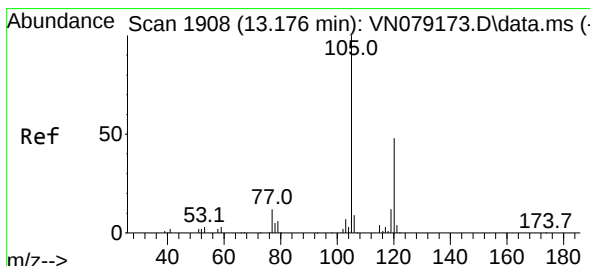
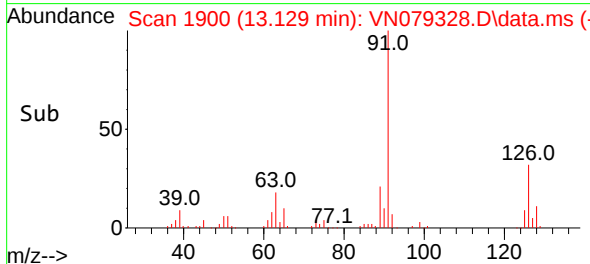
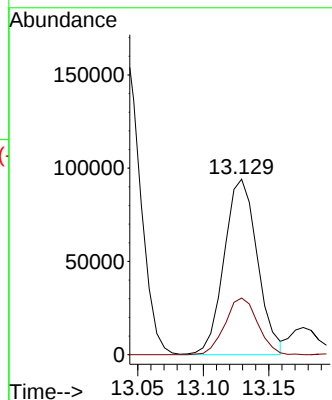
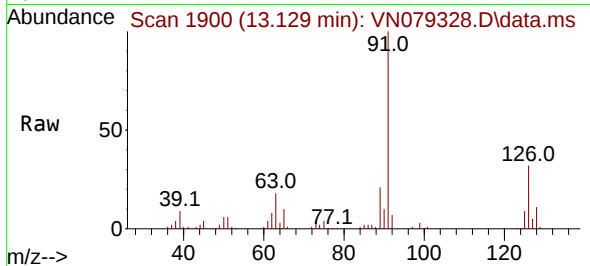
Instrument :
MSVOA_N
ClientSampleId :
VN0922WBS01

Tgt Ion: 91 Resp: 166397
Ion Ratio Lower Upper
91 100
126 31.6 0.0 65.4

Manual Integrations
APPROVED

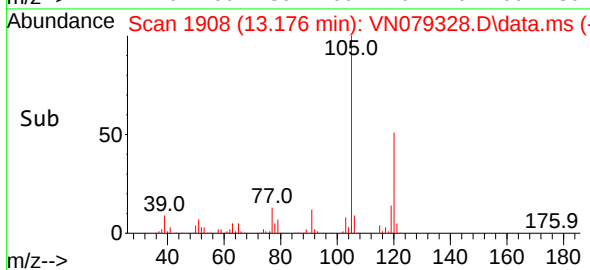
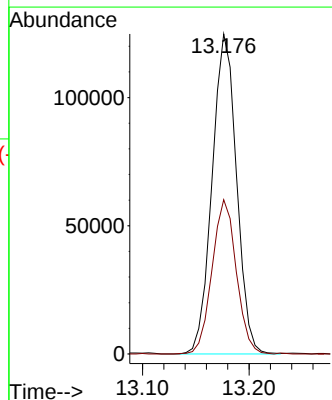
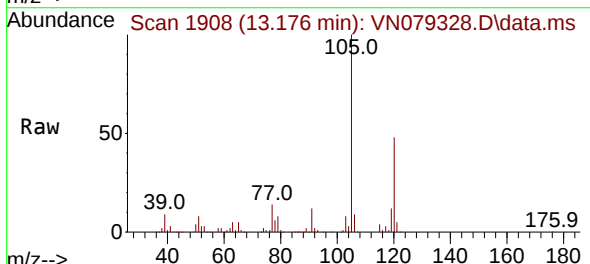
Reviewed By :John
Carlone
09/25/2023

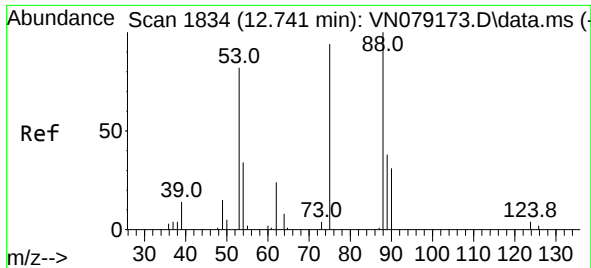
Supervised By :Mahesh
Dadoda
09/25/2023



#76
1,3,5-Trimethylbenzene
Concen: 23.072 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN079328.D
Acq: 22 Sep 2023 09:50

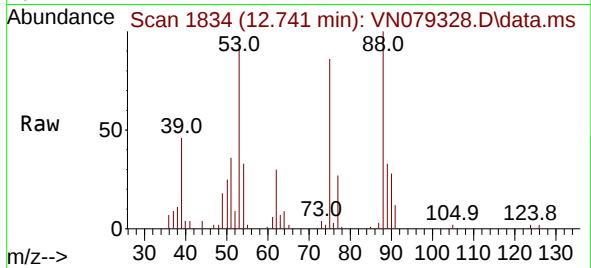
Tgt Ion:105 Resp: 198675
Ion Ratio Lower Upper
105 100
120 47.7 0.0 95.6





#77
t-1,4-Dichloro-2-butene
Concen: 19.479 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. -0.000 min
Lab File: VN079328.D
Acq: 22 Sep 2023 09:50

Instrument :
MSVOA_N
ClientSampleId :
VN0922WBS01

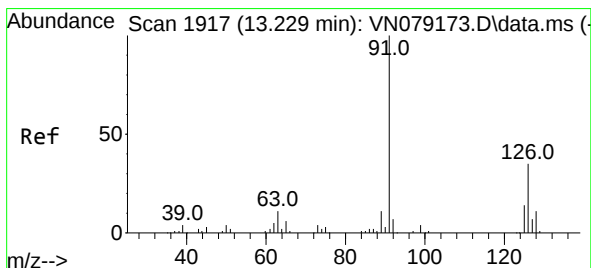
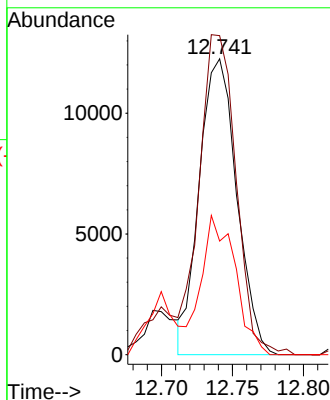
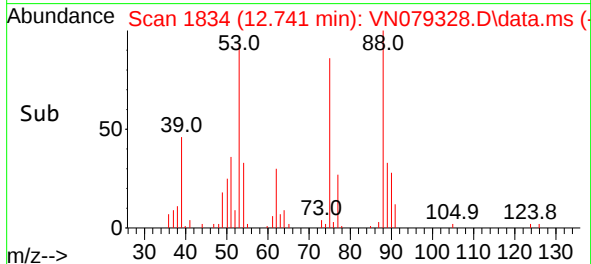


Tgt Ion: 75 Resp: 2248
Ion Ratio Lower Upper
75 100
53 106.6 44.1 132.4
89 38.4 22.4 67.3

Manual Integrations
APPROVED

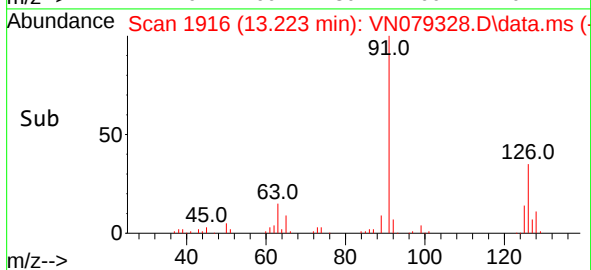
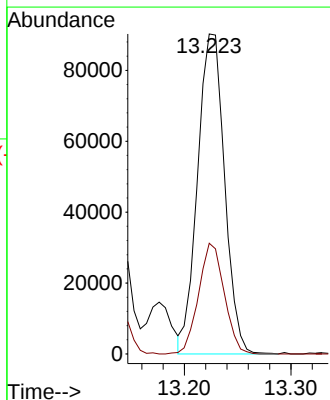
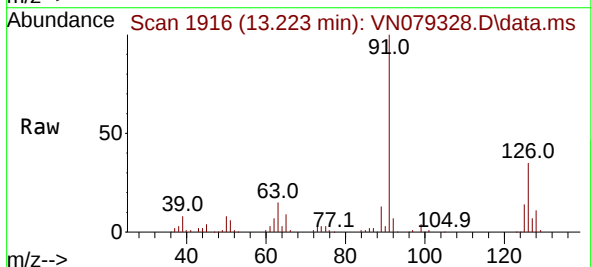
Reviewed By :John
Carlone
09/25/2023

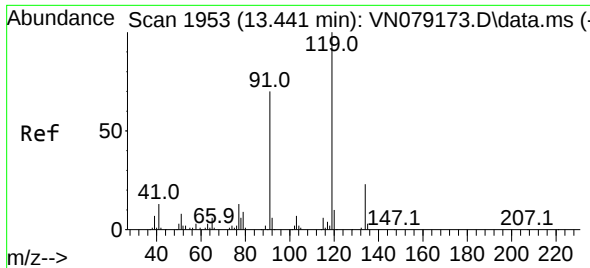
Supervised By :Mahesh
Dadoda
09/25/2023



#78
4-Chlorotoluene
Concen: 22.155 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.006 min
Lab File: VN079328.D
Acq: 22 Sep 2023 09:50

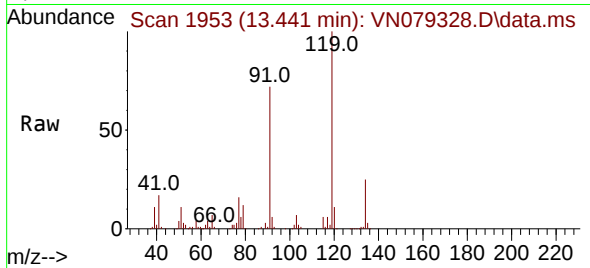
Tgt Ion: 91 Resp: 159173
Ion Ratio Lower Upper
91 100
126 32.8 0.0 66.6





#79
tert-butylbenzene
Concen: 21.793 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN079328.D
Acq: 22 Sep 2023 09:50

Instrument :
MSVOA_N
ClientSampleId :
VN0922WBS01

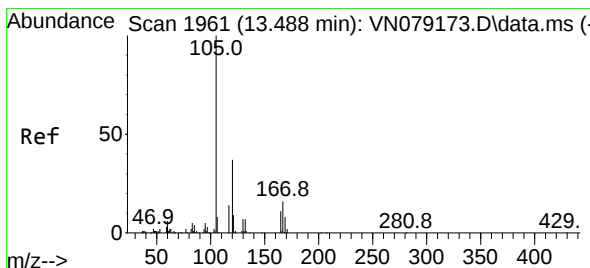
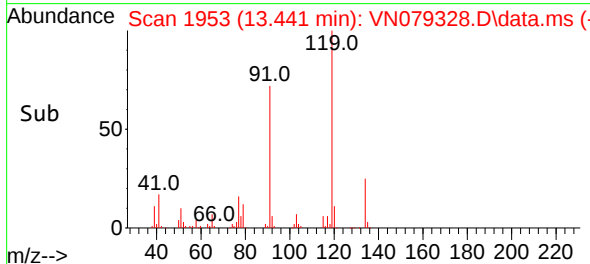
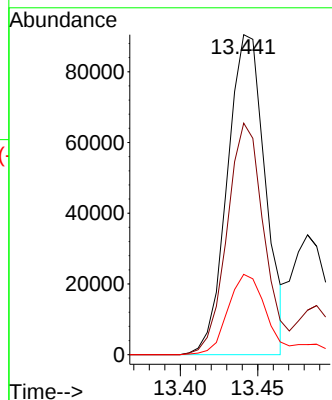


Tgt Ion:119 Resp: 154035
Ion Ratio Lower Upper
119 100
91 70.8 0.0 130.8
134 24.9 0.0 48.8

Manual Integrations
APPROVED

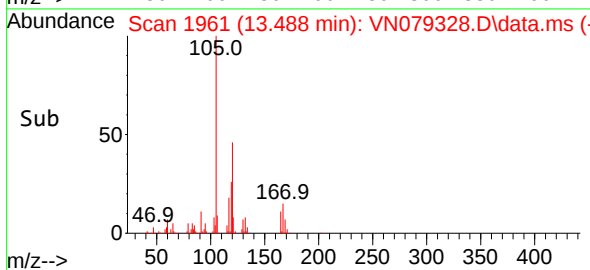
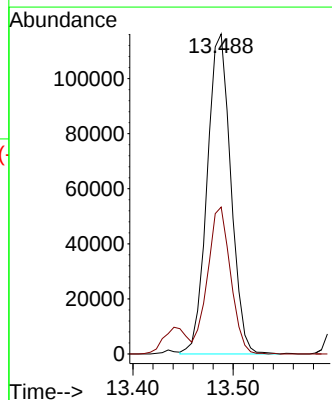
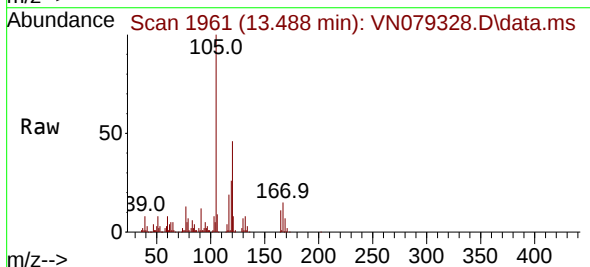
Reviewed By :John
Carlone
09/25/2023

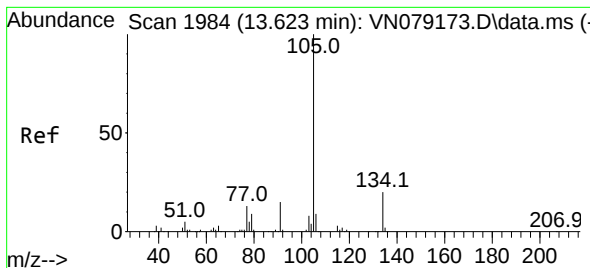
Supervised By :Mahesh
Dadoda
09/25/2023



#80
1,2,4-Trimethylbenzene
Concen: 23.193 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN079328.D
Acq: 22 Sep 2023 09:50

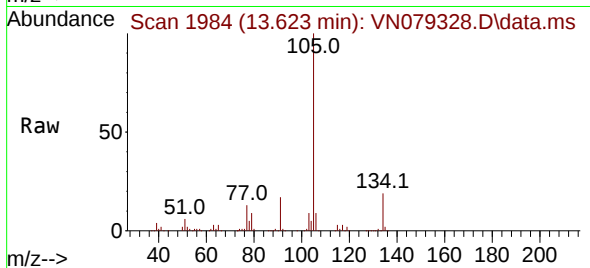
Tgt Ion:105 Resp: 190730
Ion Ratio Lower Upper
105 100
120 44.6 0.0 90.0





#81
 sec-Butylbenzene
 Concen: 23.289 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN079328.D
 Acq: 22 Sep 2023 09:50

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0922WBS01

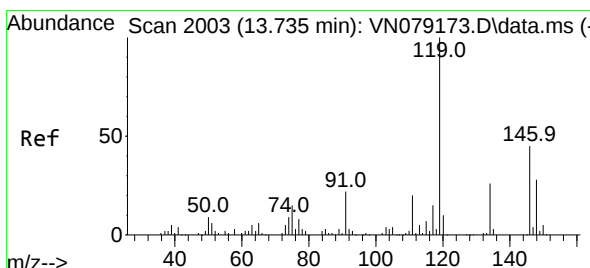
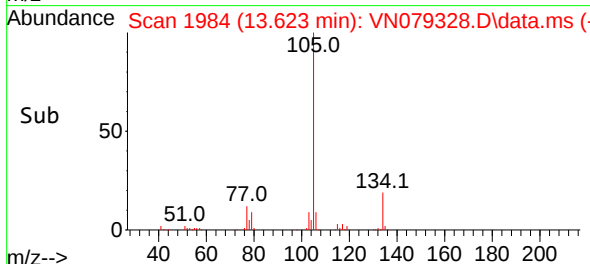
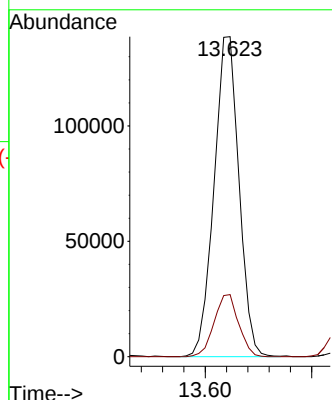


Tgt Ion:105 Resp: 225227
 Ion Ratio Lower Upper
 105 100
 134 19.0 0.0 38.6

Manual Integrations
 APPROVED

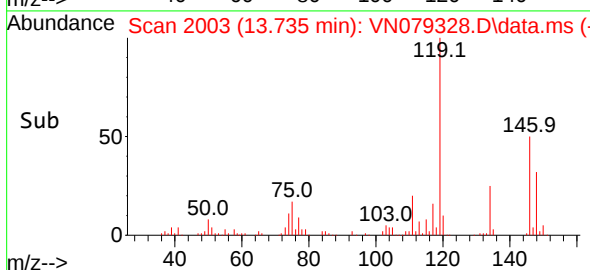
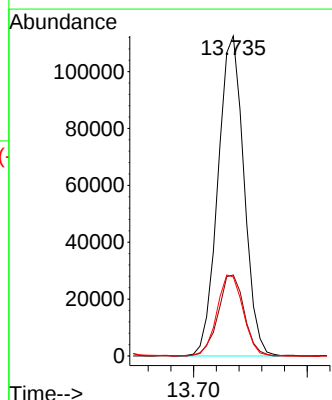
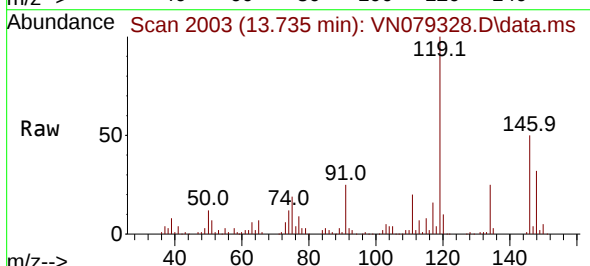
Reviewed By :John
 Carlone
 09/25/2023

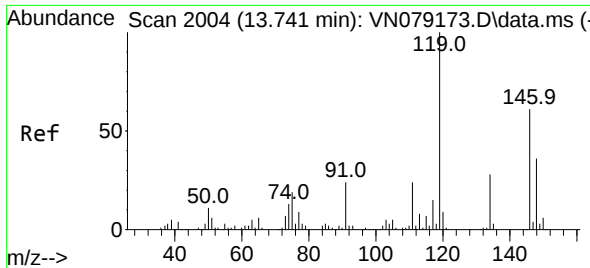
Supervised By :Mahesh
 Dadoda
 09/25/2023



#82
 p-Isopropyltoluene
 Concen: 23.432 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN079328.D
 Acq: 22 Sep 2023 09:50

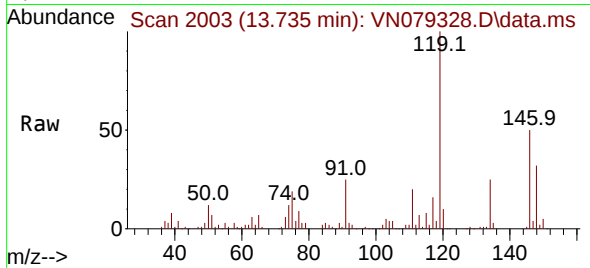
Tgt Ion:119 Resp: 178994
 Ion Ratio Lower Upper
 119 100
 134 25.3 0.0 53.8
 91 25.5 0.0 48.0





#83
1,3-Dichlorobenzene
Concen: 22.594 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.006 min
Lab File: VN079328.D
Acq: 22 Sep 2023 09:50

Instrument :
MSVOA_N
ClientSampleId :
VN0922WBS01

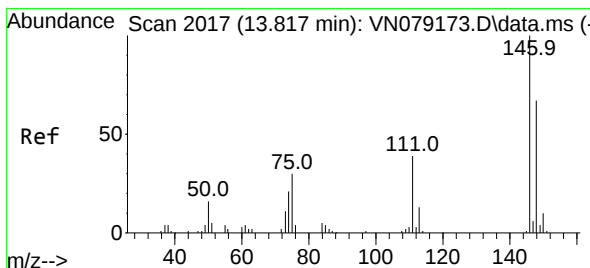
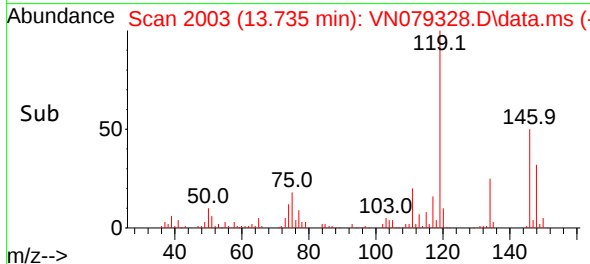
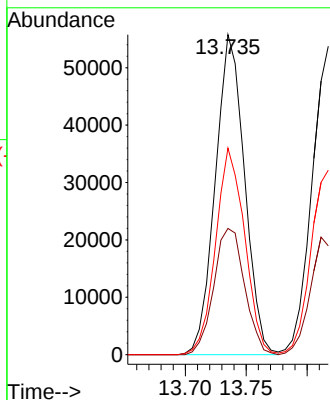


Tgt Ion:146 Resp: 93348
Ion Ratio Lower Upper
146 100
111 41.6 20.5 61.5
148 64.1 31.8 95.3

Manual Integrations
APPROVED

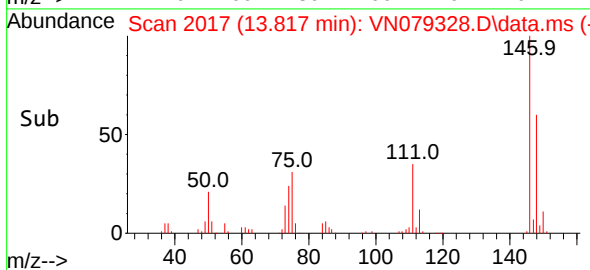
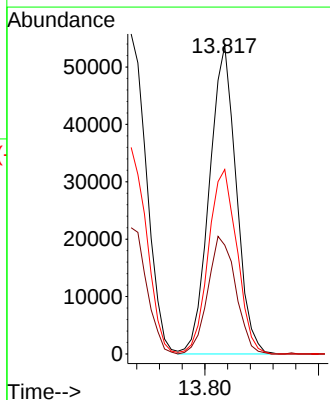
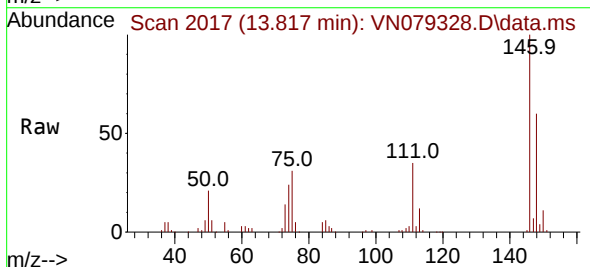
Reviewed By :John
Carlone
09/25/2023

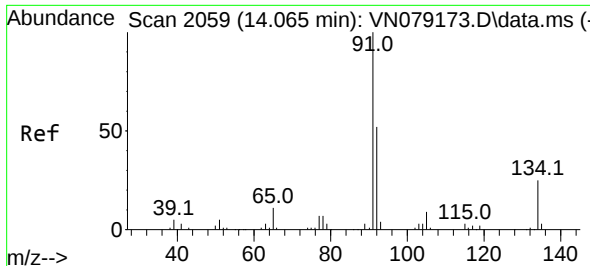
Supervised By :Mahesh
Dadoda
09/25/2023



#84
1,4-Dichlorobenzene
Concen: 22.797 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. 0.000 min
Lab File: VN079328.D
Acq: 22 Sep 2023 09:50

Tgt Ion:146 Resp: 88334
Ion Ratio Lower Upper
146 100
111 39.5 19.5 58.5
148 63.5 32.1 96.5





#85
n-Butylbenzene
Concen: 21.727 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.006 min
Lab File: VN079328.D
Acq: 22 Sep 2023 09:50

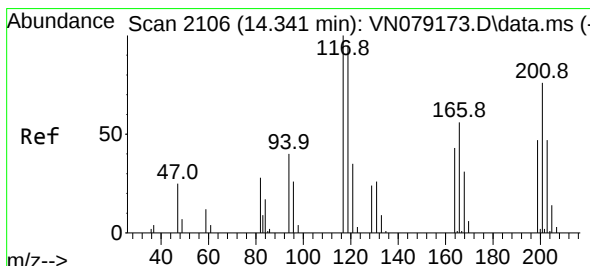
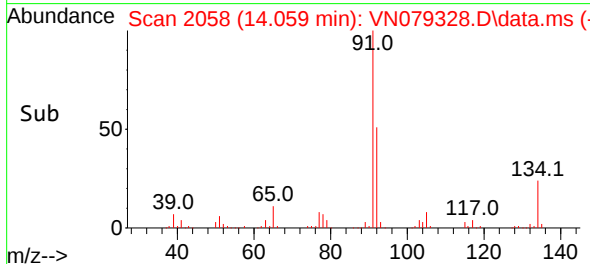
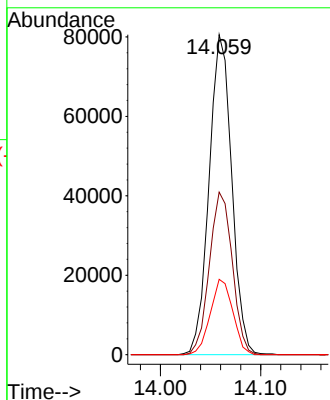
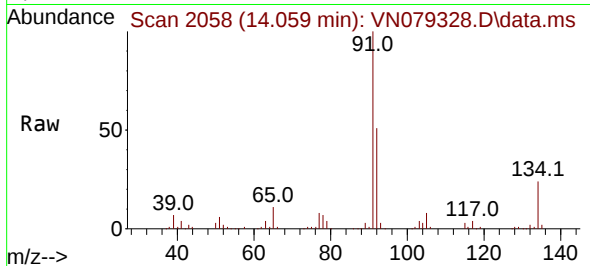
Instrument :
MSVOA_N
ClientSampleId :
VN0922WBS01

Tgt Ion: 91 Resp: 12641
Ion Ratio Lower Upper
91 100
92 51.4 0.0 105.0
134 23.5 0.0 49.6

Manual Integrations
APPROVED

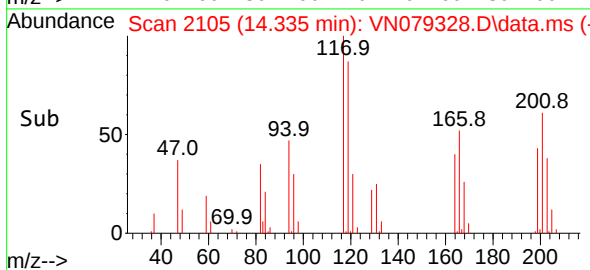
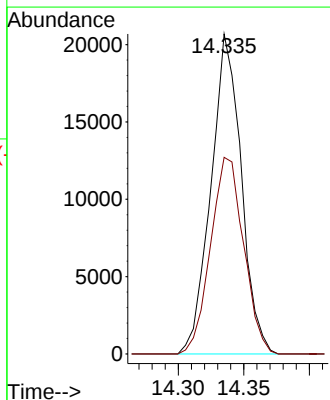
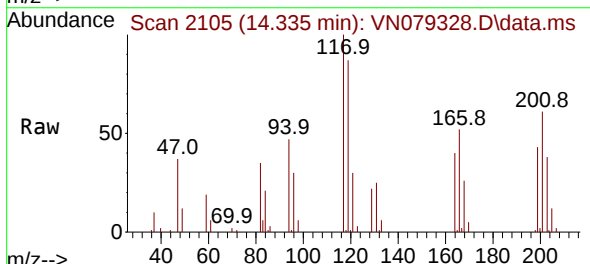
Reviewed By :John
Carlone
09/25/2023

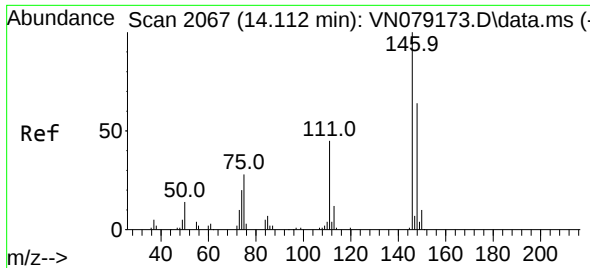
Supervised By :Mahesh
Dadoda
09/25/2023



#86
Hexachloroethane
Concen: 21.946 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.006 min
Lab File: VN079328.D
Acq: 22 Sep 2023 09:50

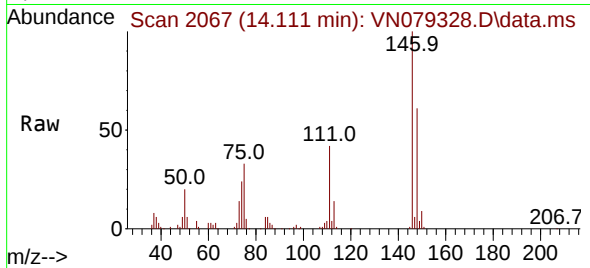
Tgt Ion:117 Resp: 33193
Ion Ratio Lower Upper
117 100
201 67.2 37.2 111.6





#87
1,2-Dichlorobenzene
Concen: 20.692 ug/l
RT: 14.111 min Scan# 2067
Delta R.T. -0.001 min
Lab File: VN079328.D
Acq: 22 Sep 2023 09:50

Instrument :
MSVOA_N
ClientSampleId :
VN0922WBS01

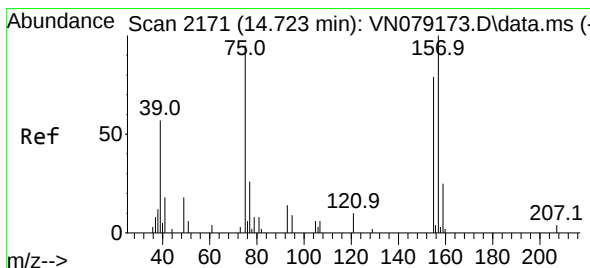
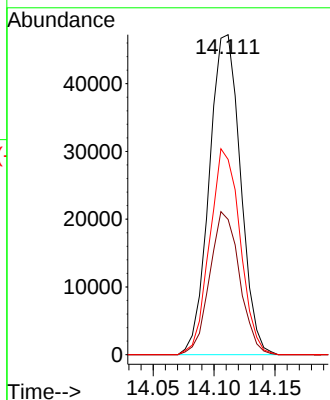
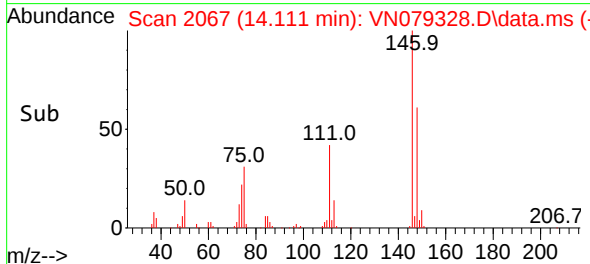


Tgt Ion:146 Resp: 8436
Ion Ratio Lower Upper
146 100
111 42.7 21.5 64.5
148 62.6 31.8 95.3

Manual Integrations
APPROVED

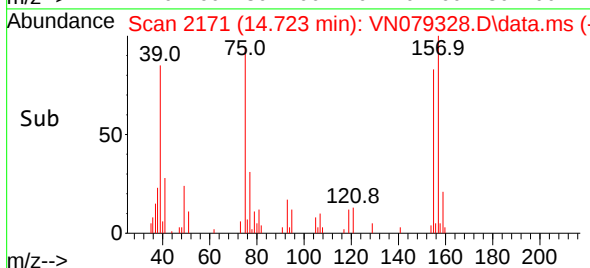
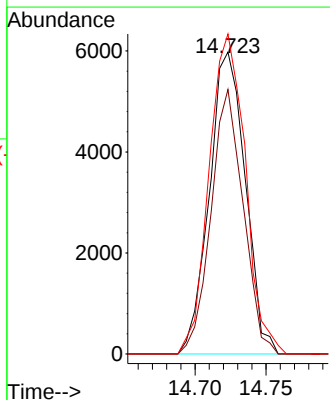
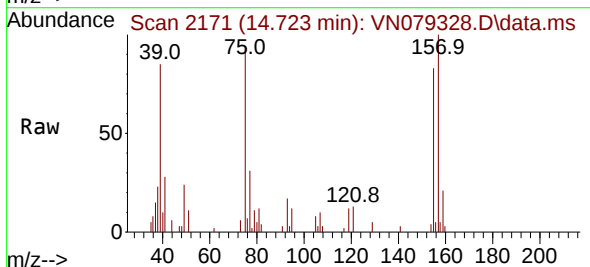
Reviewed By :John
Carlone
09/25/2023

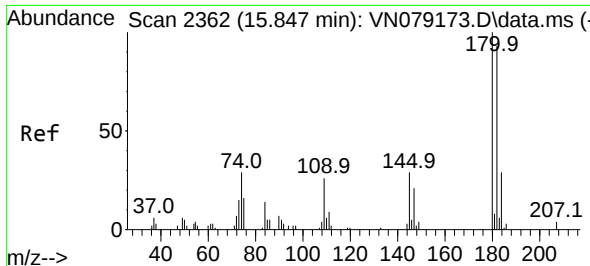
Supervised By :Mahesh
Dadoda
09/25/2023



#88
1,2-Dibromo-3-Chloropropane
Concen: 15.997 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN079328.D
Acq: 22 Sep 2023 09:50

Tgt Ion: 75 Resp: 10534
Ion Ratio Lower Upper
75 100
155 78.5 68.1 102.1
157 106.8 83.9 125.9





#89

1,2,4-Trichlorobenzene

Concen: 16.219 ug/l

RT: 15.841 min Scan# 2362

Delta R.T. -0.006 min

Lab File: VN079328.D

Acq: 22 Sep 2023 09:50

Instrument :

MSVOA_N

ClientSampleId :

VN0922WBS01

Tgt Ion:	180	Resp:	2829
Ion Ratio	Lower	Upper	
180	100		
182	95.3	74.5	111.7
145	31.8	26.2	39.2

Manual Integrations

APPROVED

Reviewed By :John

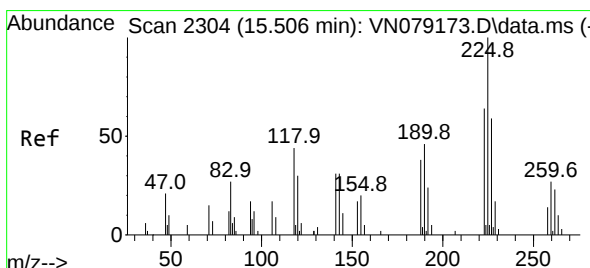
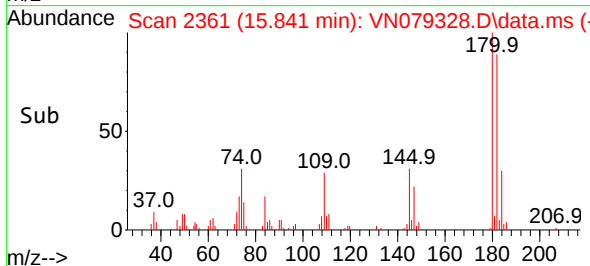
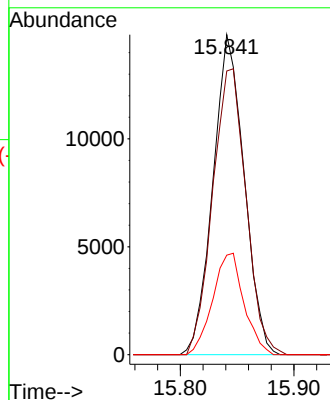
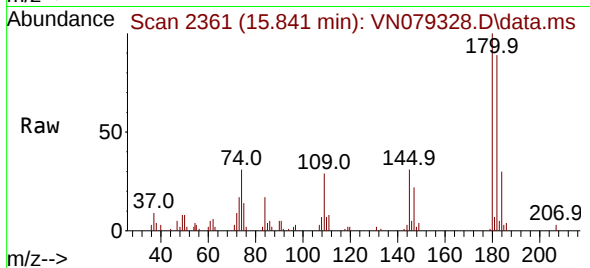
Carlone

09/25/2023

Supervised By :Mahesh

Dadoda

09/25/2023



#90

Hexachlorobutadiene

Concen: 18.968 ug/l

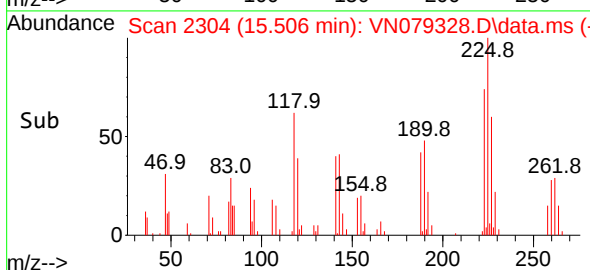
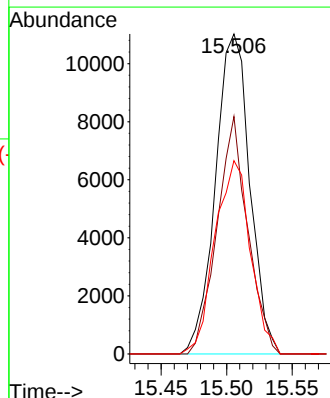
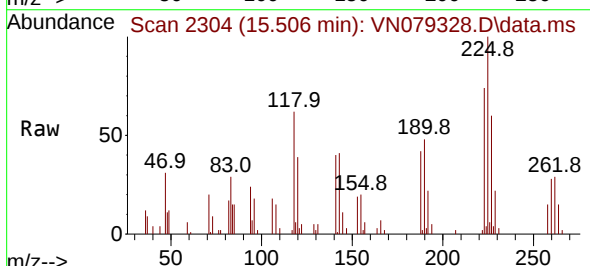
RT: 15.506 min Scan# 2304

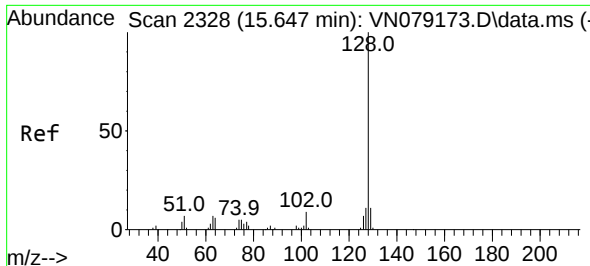
Delta R.T. -0.000 min

Lab File: VN079328.D

Acq: 22 Sep 2023 09:50

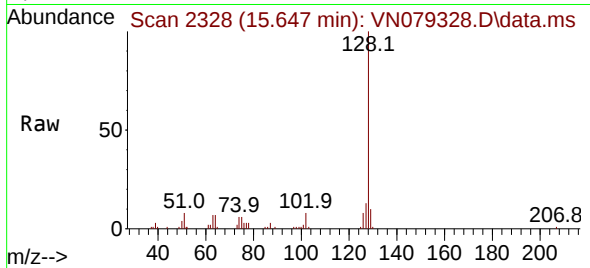
Tgt Ion:	225	Resp:	20102
Ion Ratio	Lower	Upper	
225	100		
223	66.2	0.0	125.6
227	62.3	0.0	124.0





#91
Naphthalene
Concen: 13.116 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. -0.000 min
Lab File: VN079328.D
Acq: 22 Sep 2023 09:50

Instrument :
MSVOA_N
ClientSampleId :
VN0922WBS01

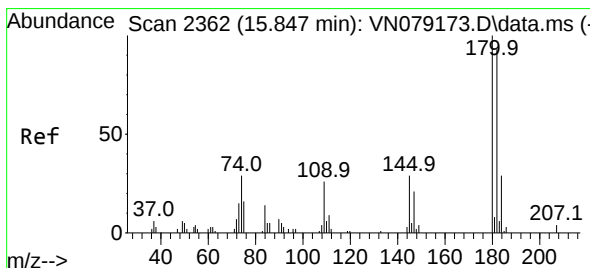
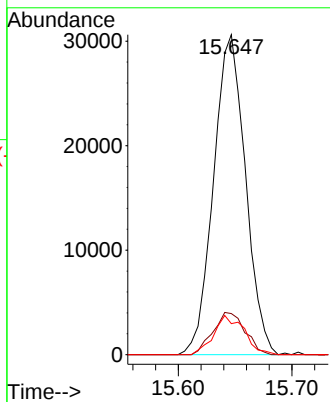
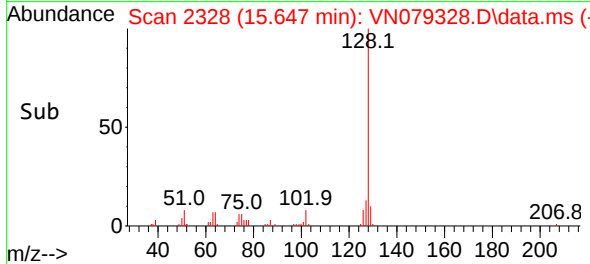


Tgt Ion:128 Resp: 59800
Ion Ratio Lower Upper
128 100
127 13.3 10.1 15.1
129 11.7 8.5 12.7

Manual Integrations
APPROVED

Reviewed By :John
Carlone
09/25/2023

Supervised By :Mahesh
Dadoda
09/25/2023



#92
1,2,3-Trichlorobenzene
Concen: 16.219 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.006 min
Lab File: VN079328.D
Acq: 22 Sep 2023 09:50

Tgt Ion:180 Resp: 28298
Ion Ratio Lower Upper
180 100
182 95.3 0.0 186.2
145 31.8 0.0 65.4

