

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031323\
 Data File : VN076953.D
 Acq On : 13 Mar 2023 11:32
 Operator : JC\MD
 Sample : VN0313WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0313WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/14/2023
 Supervised By : Mahesh Dadoda 03/14/2023

Quant Time: Mar 14 06:59:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031023W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 10 13:47:39 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.231	168	400282	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	671732	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	597563	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	279600	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	299272	50.102	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.200%			
35) Dibromofluoromethane	8.172	113	225229	50.309	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.620%			
50) Toluene-d8	10.572	98	854921	51.815	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.640%			
62) 4-Bromofluorobenzene	12.848	95	327249	54.226	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 108.460%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.143	85	145971	20.246	ug/l	98
3) Chloromethane	2.378	50	61760	15.830	ug/l	98
4) Vinyl Chloride	2.531	62	63643	17.574	ug/l	97
5) Bromomethane	2.966	94	49484	18.576	ug/l	89
6) Chloroethane	3.131	64	39609	17.229	ug/l	98
7) Trichlorofluoromethane	3.513	101	176912	18.827	ug/l	95
8) Diethyl Ether	3.978	74	54274	17.952	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.384	101	85488	17.807	ug/l	98
10) Methyl Iodide	4.607	142	67869	13.507	ug/l	89
11) Tert butyl alcohol	5.537	59	78076	93.960	ug/l #	85
12) 1,1-Dichloroethene	4.360	96	80217	18.130	ug/l	92
13) Acrolein	4.196	56	71658	95.941	ug/l	100
14) Allyl chloride	5.037	41	111848	17.621	ug/l	89
15) Acrylonitrile	5.737	53	216121	92.029	ug/l	99
16) Acetone	4.443	43	206988	100.001	ug/l	91
17) Carbon Disulfide	4.725	76	225745	18.419	ug/l #	95
18) Methyl Acetate	5.037	43	133052	17.430	ug/l	92
19) Methyl tert-butyl Ether	5.807	73	303321	19.280	ug/l	99
20) Methylene Chloride	5.290	84	90183	16.945	ug/l #	86
21) trans-1,2-Dichloroethene	5.801	96	86793	18.504	ug/l	95
22) Diisopropyl ether	6.690	45	257387	18.329	ug/l	97
23) Vinyl Acetate	6.613	43	847908	98.051	ug/l	96
24) 1,1-Dichloroethane	6.584	63	167590	18.684	ug/l	96
25) 2-Butanone	7.490	43	285083	96.840	ug/l	90
26) 2,2-Dichloropropane	7.495	77	155736	19.619	ug/l	98
27) cis-1,2-Dichloroethene	7.501	96	103685	19.156	ug/l	88
28) Bromochloromethane	7.825	49	63719	19.638	ug/l	90
29) Tetrahydrofuran	7.842	42	179497	98.372	ug/l	89
30) Chloroform	7.972	83	185404	19.237	ug/l	100
31) Cyclohexane	8.260	56	160532	18.731	ug/l	88
32) 1,1,1-Trichloroethane	8.172	97	175676	19.442	ug/l	95
36) 1,1-Dichloropropene	8.378	75	138078	19.942	ug/l	95
37) Ethyl Acetate	7.572	43	111264	20.094	ug/l	96
38) Carbon Tetrachloride	8.372	117	159853	19.726	ug/l	94
39) Methylcyclohexane	9.607	83	166575	19.819	ug/l #	88
40) Benzene	8.613	78	398656	19.533	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.790	41	62571	18.990	ug/l	89
42) 1,2-Dichloroethane	8.678	62	147080	18.476	ug/l	96
43) Isopropyl Acetate	8.695	43	191977	19.640	ug/l	94
44) Trichloroethene	9.360	130	100773	19.106	ug/l	90
45) 1,2-Dichloropropane	9.625	63	98631	19.642	ug/l	95
46) Dibromomethane	9.713	93	68175	19.440	ug/l	95
47) Bromodichloromethane	9.889	83	147668	19.848	ug/l	97
48) Methyl methacrylate	9.684	41	94640	19.761	ug/l #	84
49) 1,4-Dioxane	9.701	88	37099	409.095	ug/l #	82
51) 4-Methyl-2-Pentanone	10.448	43	594409	101.231	ug/l	94
52) Toluene	10.631	92	257543	20.503	ug/l	97
53) t-1,3-Dichloropropene	10.836	75	153199	20.654	ug/l	100
54) cis-1,3-Dichloropropene	10.313	75	164937	20.248	ug/l #	93
55) 1,1,2-Trichloroethane	11.019	97	95127	19.464	ug/l #	90
56) Ethyl methacrylate	10.878	69	151622	20.454	ug/l #	88
57) 1,3-Dichloropropane	11.166	76	168301	19.529	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.166	63	245680	104.079	ug/l	95
59) 2-Hexanone	11.195	43	441802	103.193	ug/l	93
60) Dibromochloromethane	11.360	129	110507	20.523	ug/l	100
61) 1,2-Dibromoethane	11.472	107	99614	20.336	ug/l	99
64) Tetrachloroethene	11.107	164	92497	19.126	ug/l	97
65) Chlorobenzene	11.895	112	261034	19.529	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.966	131	104500	20.027	ug/l	96
67) Ethyl Benzene	11.966	91	502301	20.437	ug/l	96
68) m/p-Xylenes	12.072	106	368955	39.939	ug/l	87
69) o-Xylene	12.401	106	183124	20.419	ug/l	83
70) Styrene	12.413	104	300934	20.770	ug/l	93
71) Bromoform	12.583	173	78380	20.727	ug/l #	99
73) Isopropylbenzene	12.701	105	492043	19.750	ug/l	96
74) N-amyl acetate	12.495	43	160954	19.512	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.942	83	142591	19.451	ug/l	100
76) 1,2,3-Trichloropropane	12.995	75	131942m	19.464	ug/l	
77) Bromobenzene	12.983	156	109157	19.598	ug/l	91
78) n-propylbenzene	13.036	91	552580	19.917	ug/l	97
79) 2-Chlorotoluene	13.130	91	351795	19.554	ug/l	92
80) 1,3,5-Trimethylbenzene	13.177	105	430065	20.264	ug/l	93
81) trans-1,4-Dichloro-2-b...	12.742	75	48689	23.462	ug/l #	90
82) 4-Chlorotoluene	13.224	91	336269	19.780	ug/l	92
83) tert-Butylbenzene	13.442	119	361118	20.029	ug/l	89
84) 1,2,4-Trimethylbenzene	13.483	105	423328	19.937	ug/l	94
85) sec-Butylbenzene	13.619	105	508262	20.566	ug/l	96
86) p-Isopropyltoluene	13.730	119	418509	20.970	ug/l	94
87) 1,3-Dichlorobenzene	13.736	146	197021	19.409	ug/l	97
88) 1,4-Dichlorobenzene	13.813	146	193313	18.984	ug/l	96
89) n-Butylbenzene	14.060	91	334833	20.105	ug/l	98
90) Hexachloroethane	14.336	117	78995	20.599	ug/l	86
91) 1,2-Dichlorobenzene	14.107	146	195113	19.134	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.724	75	32364	19.996	ug/l	86
93) 1,2,4-Trichlorobenzene	15.395	180	112942	19.925	ug/l	99
94) Hexachlorobutadiene	15.507	225	62704	20.763	ug/l	97
95) Naphthalene	15.648	128	353357	20.939	ug/l	99
96) 1,2,3-Trichlorobenzene	15.842	180	112526	20.444	ug/l	99

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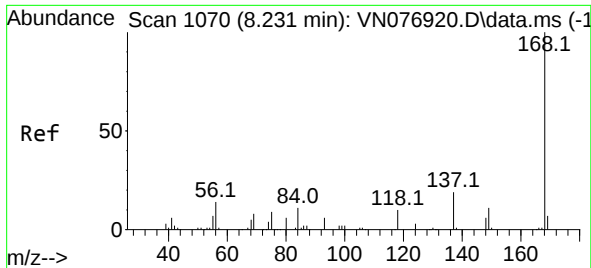
Manual Integrations
APPROVED

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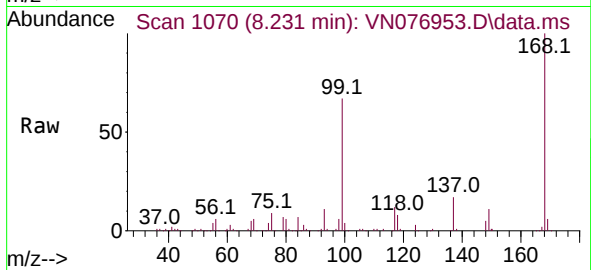
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VN076953.D
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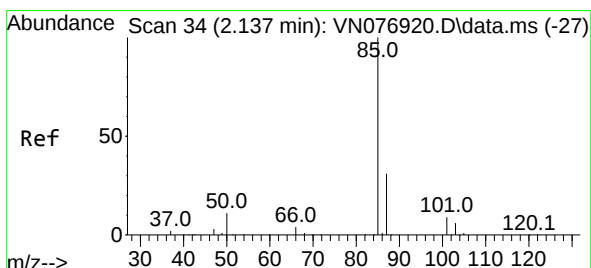
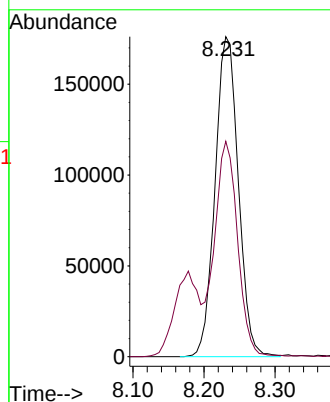
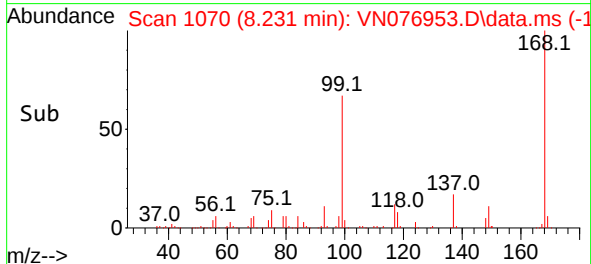
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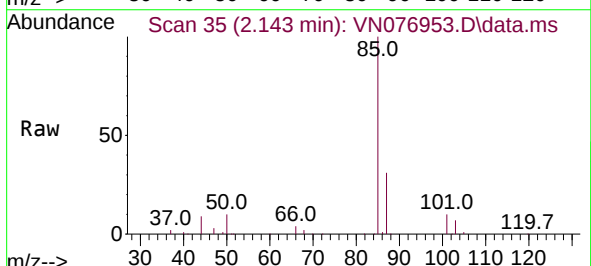
Tgt Ion:168 Resp: 40028
Ion Ratio Lower Upper
168 100
99 66.8 48.6 73.0

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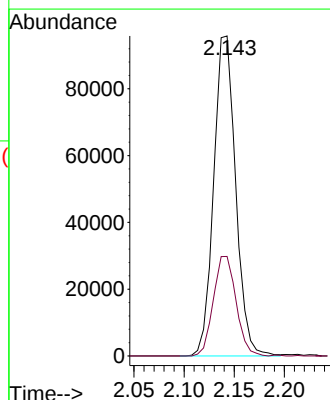
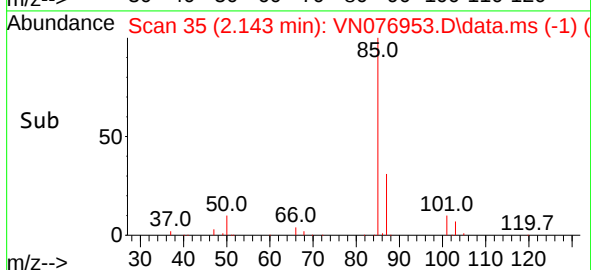
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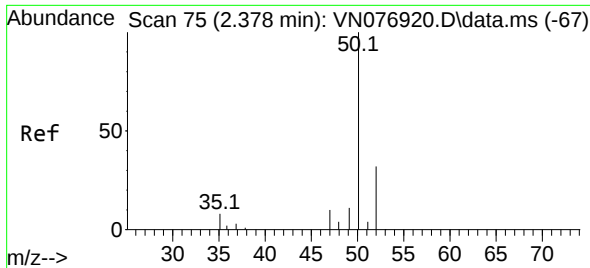


#2
Dichlorodifluoromethane
Concen: 20.246 ug/l
RT: 2.143 min Scan# 35
Delta R.T. 0.006 min
Lab File: VN076953.D
Acq: 13 Mar 2023 11:32



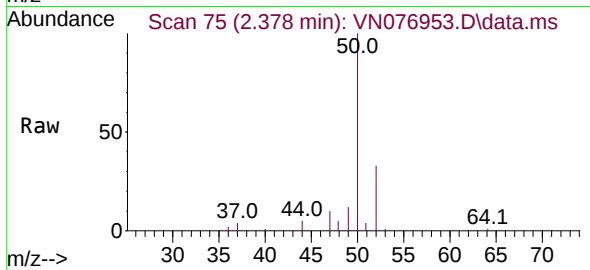
Tgt Ion: 85 Resp: 145971
Ion Ratio Lower Upper
85 100
87 31.1 16.2 48.6





#3
Chloromethane
Concen: 15.830 ug/l
RT: 2.378 min Scan# 75
Delta R.T. 0.000 min
Lab File: VN076953.D
Acq: 13 Mar 2023 11:32

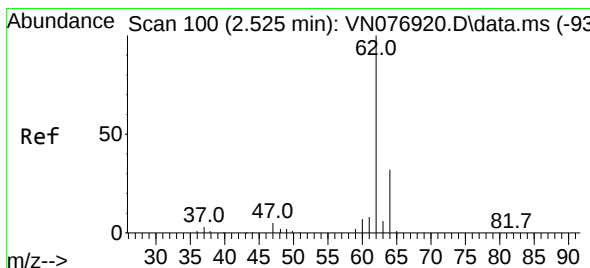
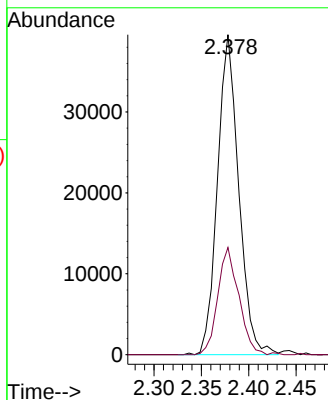
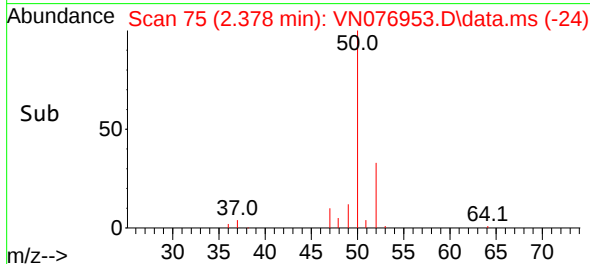
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Tgt Ion: 50 Resp: 61760
Ion Ratio Lower Upper
50 100
52 33.5 27.9 41.9

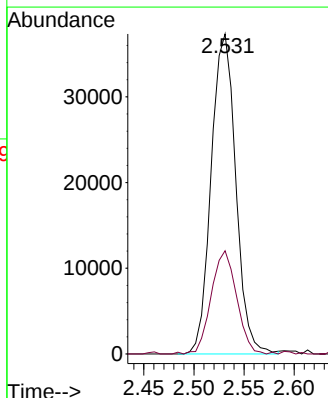
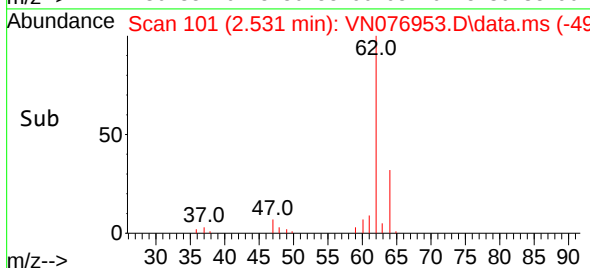
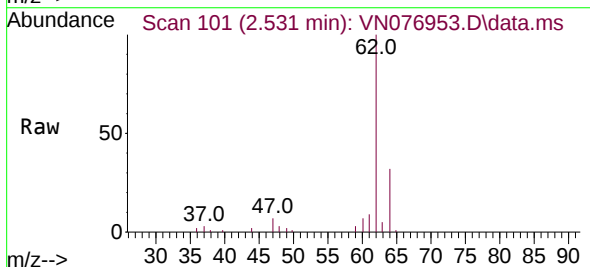
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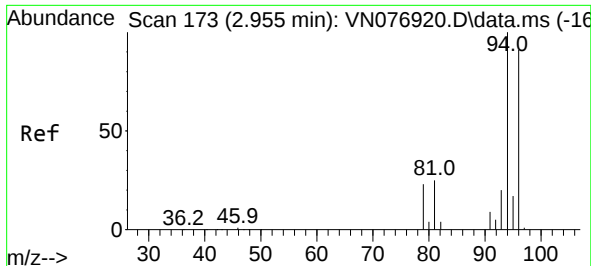
Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/14/2023



#4
Vinyl Chloride
Concen: 17.574 ug/l
RT: 2.531 min Scan# 101
Delta R.T. 0.006 min
Lab File: VN076953.D
Acq: 13 Mar 2023 11:32

Tgt Ion: 62 Resp: 63643
Ion Ratio Lower Upper
62 100
64 32.2 24.5 36.7





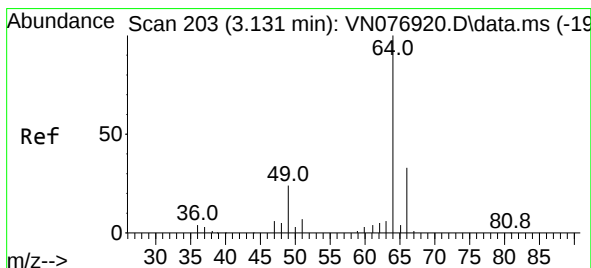
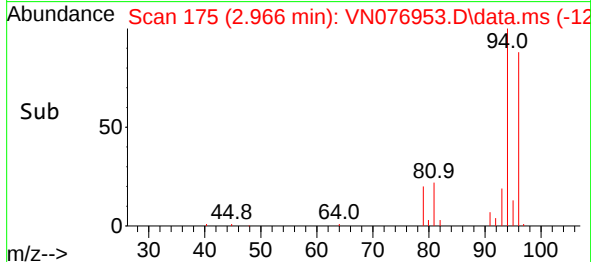
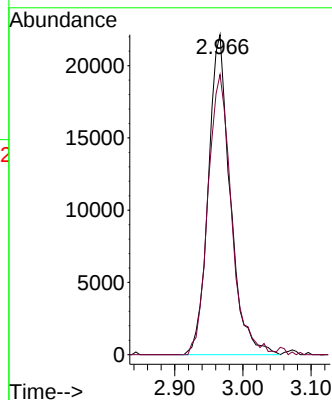
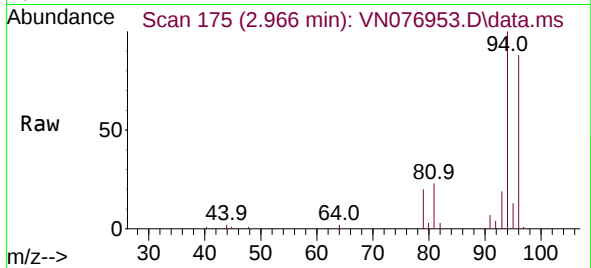
#5
Bromomethane
Concen: 18.576 ug/l
RT: 2.966 min Scan# 173
Delta R.T. 0.011 min
Lab File: VN076953.D
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Instrument :
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Tgt Ion: 94 Resp: 49484
Ion Ratio Lower Upper
94 100
96 87.6 79.0 118.6

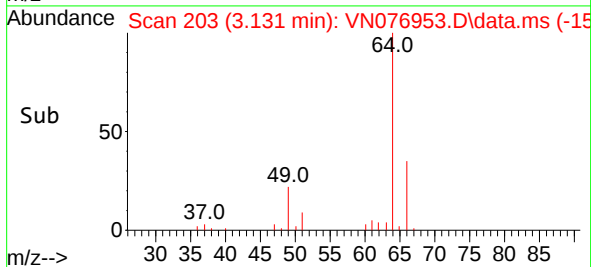
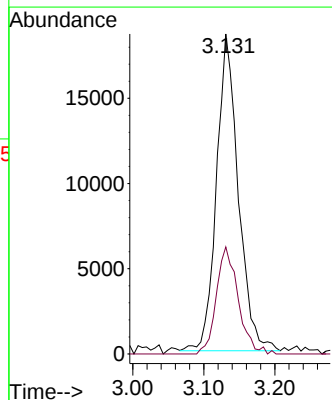
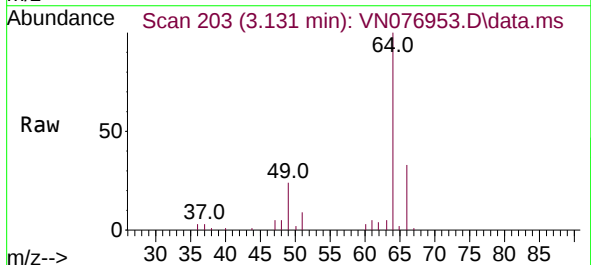
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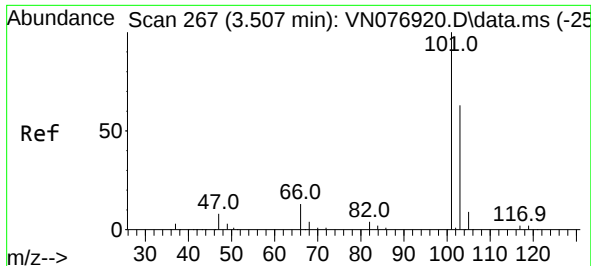
Reviewed By :John Carlone 03/14/2023
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#6
Chloroethane
Concen: 17.229 ug/l
RT: 3.131 min Scan# 203
Delta R.T. 0.000 min
Lab File: VN076953.D
Acq: 13 Mar 2023 11:32

Tgt Ion: 64 Resp: 39609
Ion Ratio Lower Upper
64 100
66 33.8 26.2 39.4





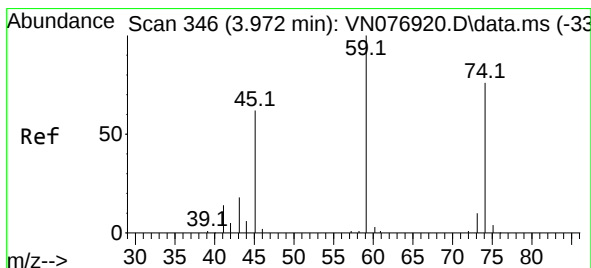
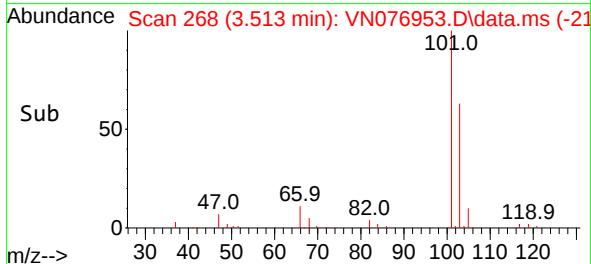
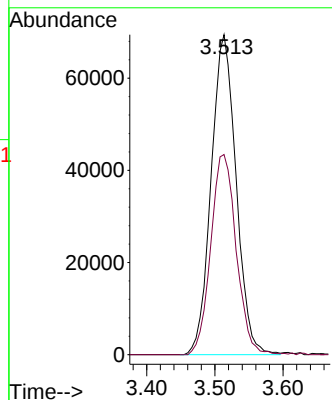
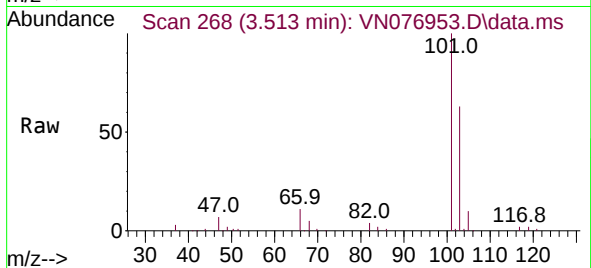
#7
 Trichlorofluoromethane
 Concen: 18.827 ug/l
 RT: 3.513 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VN076953.D
 Acq: 13 Mar 2023 11:32

Instrument :
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Tgt Ion:101 Resp: 176912
 Ion Ratio Lower Upper
 101 100
 103 62.6 53.4 80.0

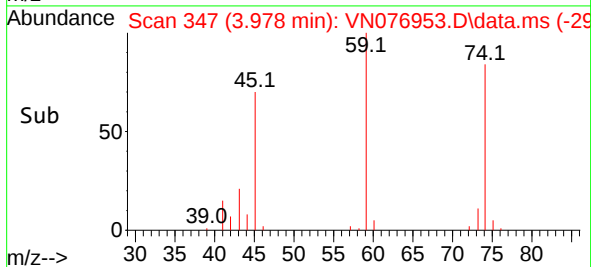
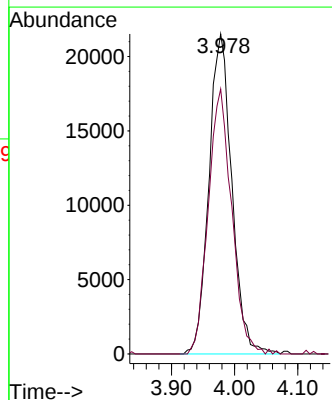
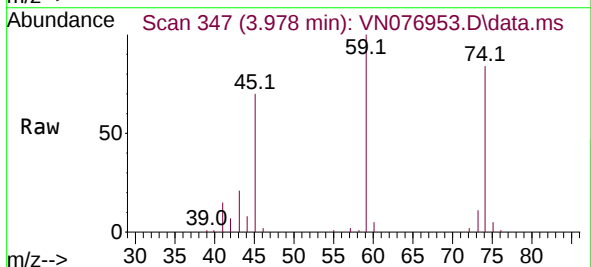
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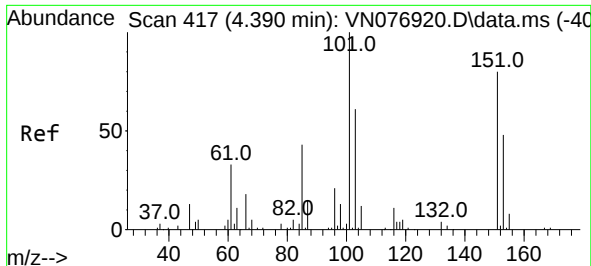
Reviewed By :John Carlone 03/14/2023
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#8
 Diethyl Ether
 Concen: 17.952 ug/l
 RT: 3.978 min Scan# 347
 Delta R.T. 0.006 min
 Lab File: VN076953.D
 Acq: 13 Mar 2023 11:32

Tgt Ion: 74 Resp: 54274
 Ion Ratio Lower Upper
 74 100
 45 84.5 35.5 106.5





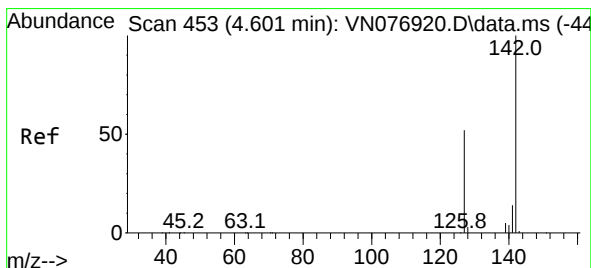
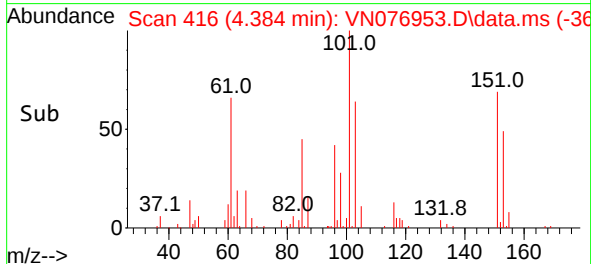
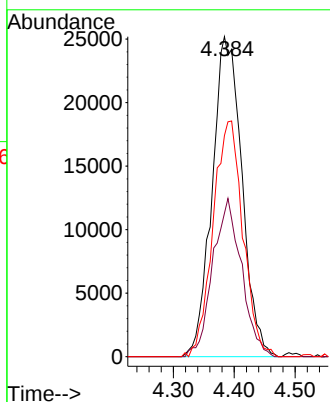
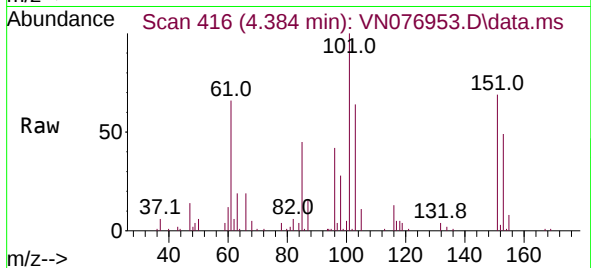
#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.807 ug/l
RT: 4.384 min Scan# 417
Delta R.T. -0.006 min
Lab File: VN076953.D
Acq: 13 Mar 2023 11:32

Instrument :
MSVOA_N
ClientSampleId :
VN0313WBS01

Tgt Ion:101 Resp: 85488
Ion Ratio Lower Upper
101 100
85 47.8 35.2 52.8
151 74.0 58.9 88.3

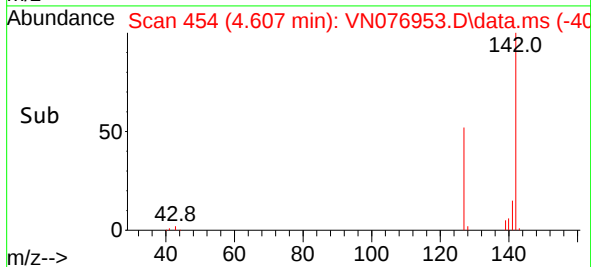
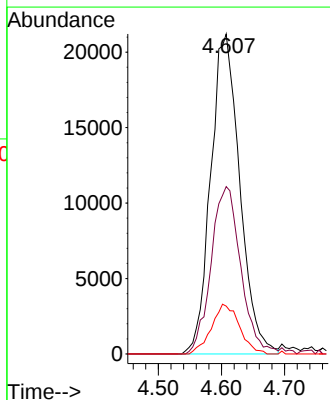
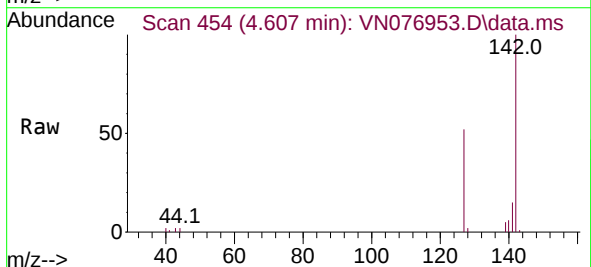
Manual Integrations
APPROVED

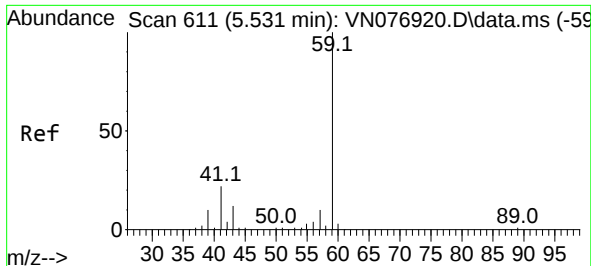
Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/14/2023



#10
Methyl Iodide
Concen: 13.507 ug/l
RT: 4.607 min Scan# 454
Delta R.T. 0.006 min
Lab File: VN076953.D
Acq: 13 Mar 2023 11:32

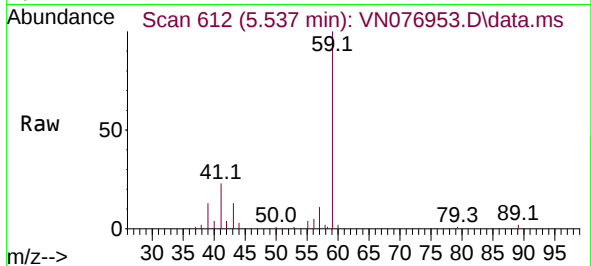
Tgt Ion:142 Resp: 67869
Ion Ratio Lower Upper
142 100
127 52.3 35.2 52.8
141 15.0 10.2 15.2





#11
Tert butyl alcohol
Concen: 93.960 ug/l
RT: 5.537 min Scan# 611
Delta R.T. 0.006 min
Lab File: VN076953.D
Acq: 13 Mar 2023 11:32

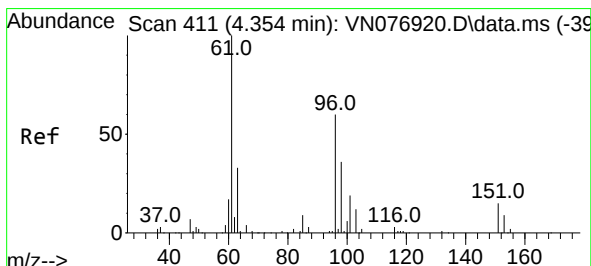
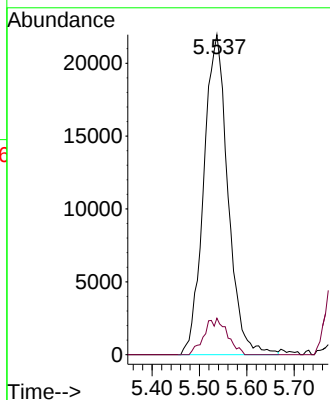
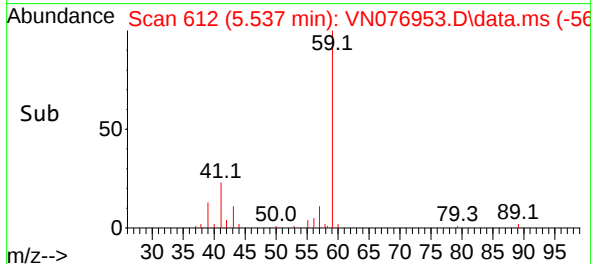
Instrument :
MSVOA_N
ClientSampleId :
VN0313WBS01



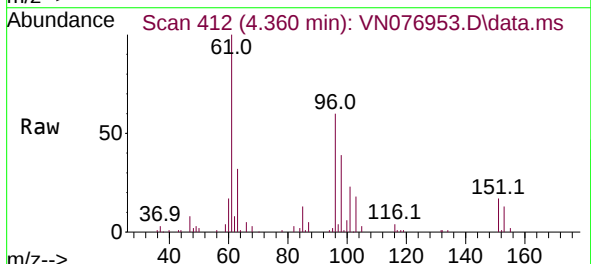
Tgt Ion: 59 Resp: 78070
Ion Ratio Lower Upper
59 100
57 5.2 8.6 12.8

Manual Integrations
APPROVED

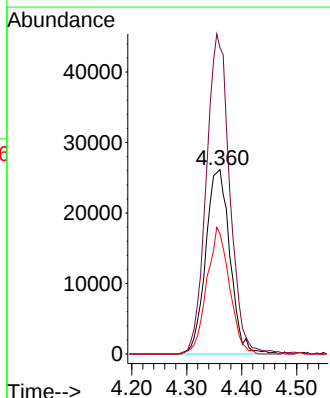
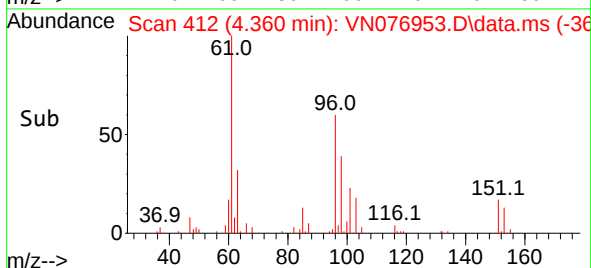
Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/14/2023

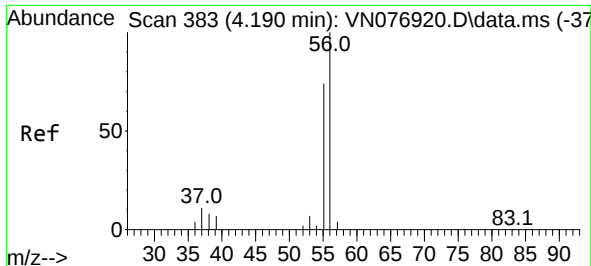


#12
1,1-Dichloroethene
Concen: 18.130 ug/l
RT: 4.360 min Scan# 412
Delta R.T. 0.006 min
Lab File: VN076953.D
Acq: 13 Mar 2023 11:32



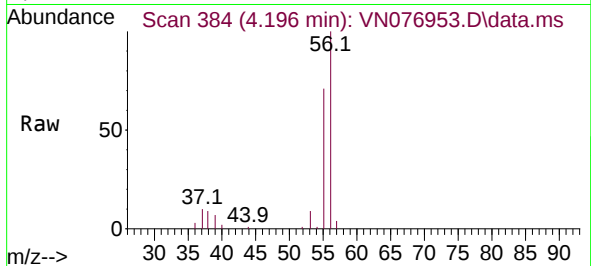
Tgt Ion: 96 Resp: 80217
Ion Ratio Lower Upper
96 100
61 166.3 121.3 181.9
98 65.4 52.1 78.1





#13
Acrolein
Concen: 95.941 ug/l
RT: 4.196 min Scan# 384
Delta R.T. 0.006 min
Lab File: VN076953.D
Acq: 13 Mar 2023 11:32

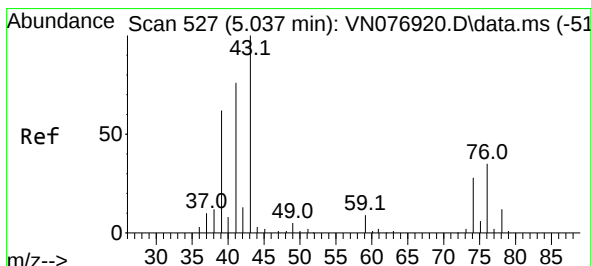
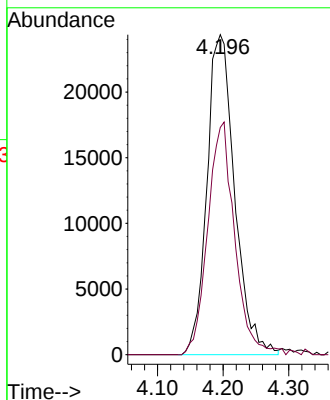
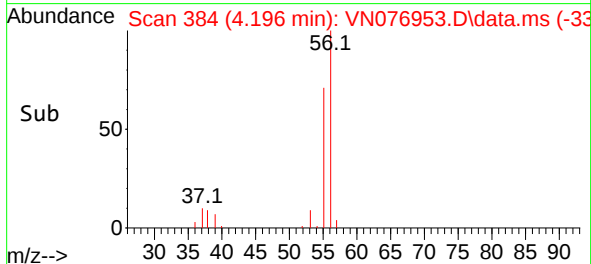
Instrument :
MSVOA_N
ClientSampleId :
VN0313WBS01



Tgt Ion: 56 Resp: 71658
Ion Ratio Lower Upper
56 100
55 70.5 56.7 85.1

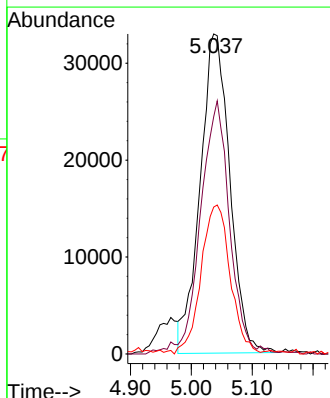
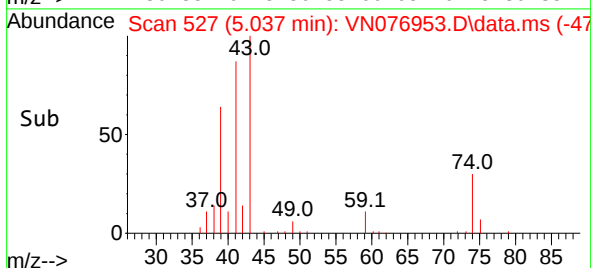
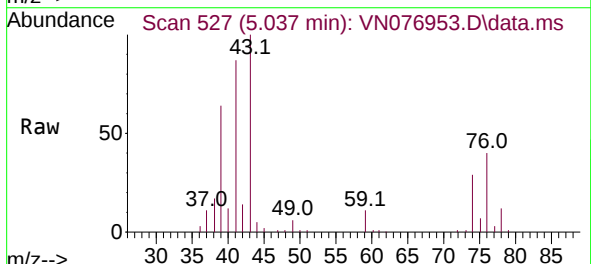
Manual Integrations
APPROVED

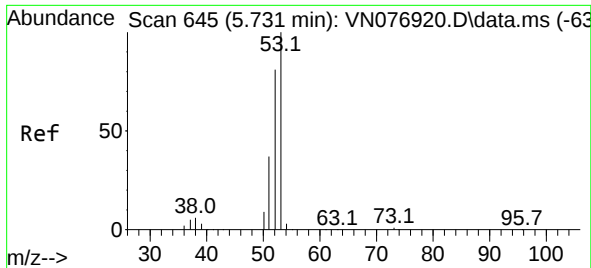
Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/14/2023



#14
Allyl chloride
Concen: 17.621 ug/l
RT: 5.037 min Scan# 527
Delta R.T. -0.000 min
Lab File: VN076953.D
Acq: 13 Mar 2023 11:32

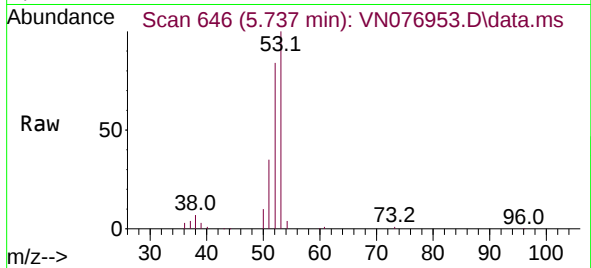
Tgt Ion: 41 Resp: 111848
Ion Ratio Lower Upper
41 100
39 77.2 68.1 102.1
76 44.6 44.1 66.1





#15
Acrylonitrile
Concen: 92.029 ug/l
RT: 5.737 min Scan# 645
Delta R.T. 0.006 min
Lab File: VN076953.D
Acq: 13 Mar 2023 11:32

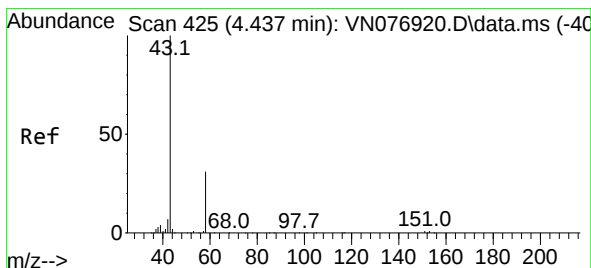
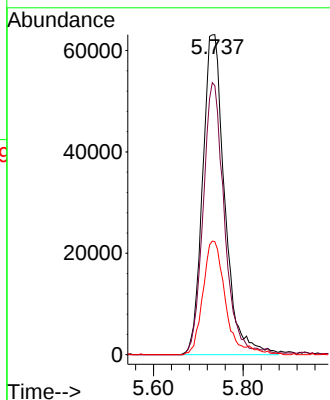
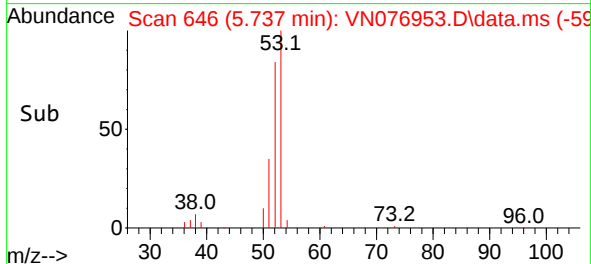
Instrument :
MSVOA_N
ClientSampleId :
VN0313WBS01



Tgt Ion: 53 Resp: 21612
Ion Ratio Lower Upper
53 100
52 80.8 65.3 97.9
51 36.3 28.8 43.2

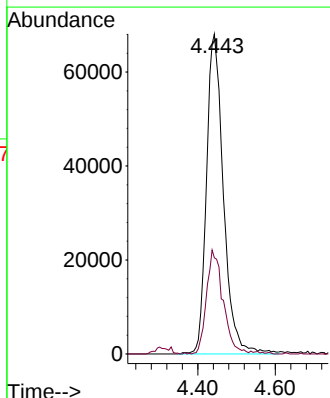
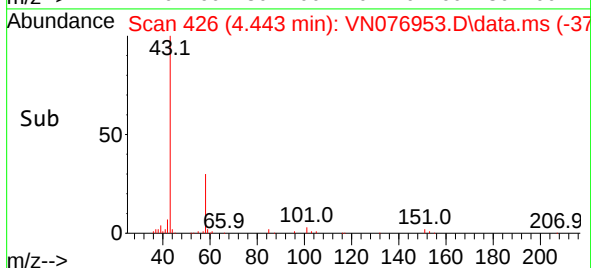
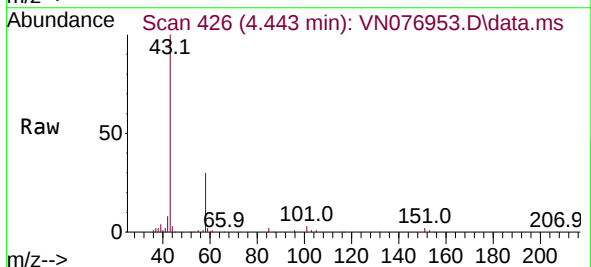
Manual Integrations
APPROVED

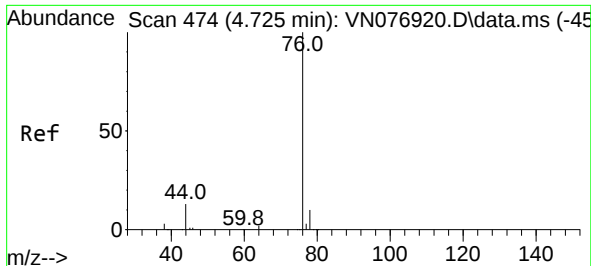
Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/14/2023



#16
Acetone
Concen: 100.001 ug/l
RT: 4.443 min Scan# 426
Delta R.T. 0.006 min
Lab File: VN076953.D
Acq: 13 Mar 2023 11:32

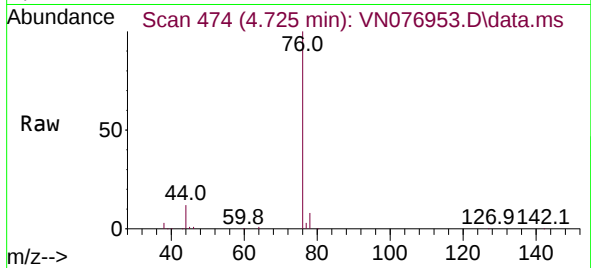
Tgt Ion: 43 Resp: 206988
Ion Ratio Lower Upper
43 100
58 30.1 28.2 42.2





#17
Carbon Disulfide
Concen: 18.419 ug/l
RT: 4.725 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN076953.D
Acq: 13 Mar 2023 11:32

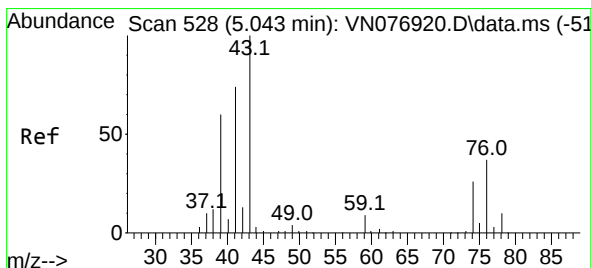
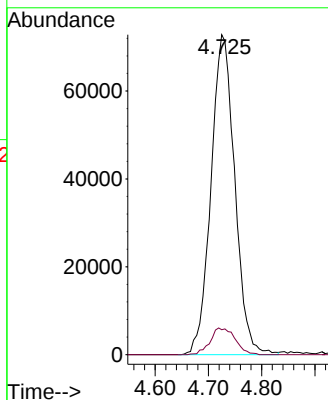
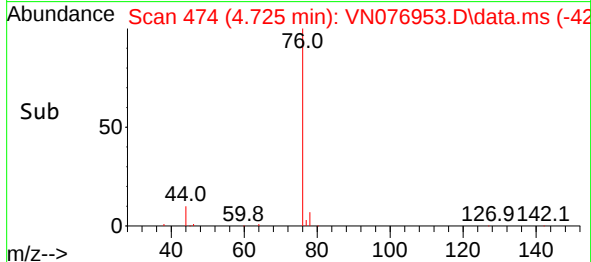
Instrument :
MSVOA_N
ClientSampleId :
VN0313WBS01



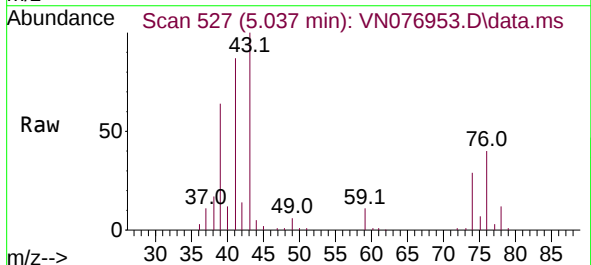
Tgt Ion: 76 Resp: 22574
Ion Ratio Lower Upper
76 100
78 7.8 7.8 11.8

Manual Integrations
APPROVED

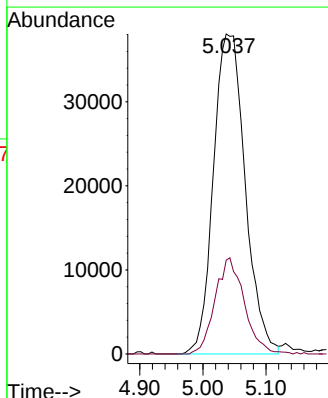
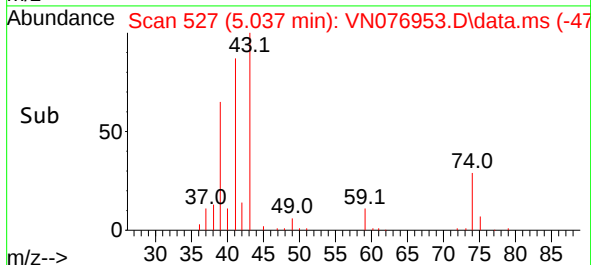
Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/14/2023

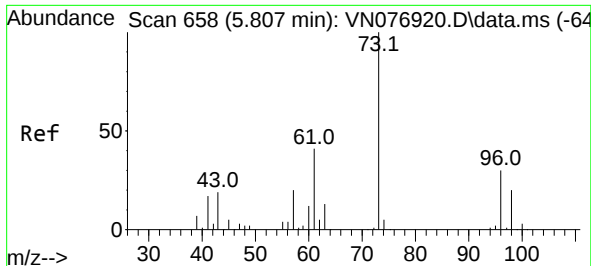


#18
Methyl Acetate
Concen: 17.430 ug/l
RT: 5.037 min Scan# 527
Delta R.T. -0.006 min
Lab File: VN076953.D
Acq: 13 Mar 2023 11:32



Tgt Ion: 43 Resp: 133052
Ion Ratio Lower Upper
43 100
74 27.7 25.9 38.9





#19

Methyl tert-butyl Ether

Concen: 19.280 ug/l

RT: 5.807 min Scan# 61

Delta R.T. 0.000 min

Lab File: VN076953.D

Acq: 13 Mar 2023 11:32

Instrument :

MSVOA_N

ClientSampleId :

VN0313WBS01

Tgt Ion: 73 Resp: 30332

Ion Ratio Lower Upper

73 100

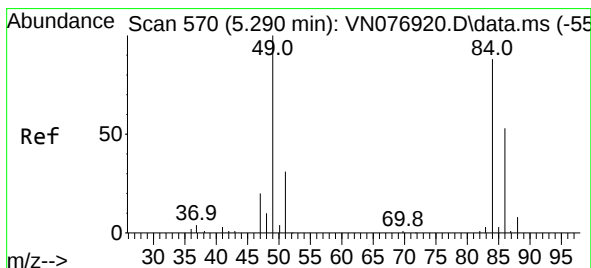
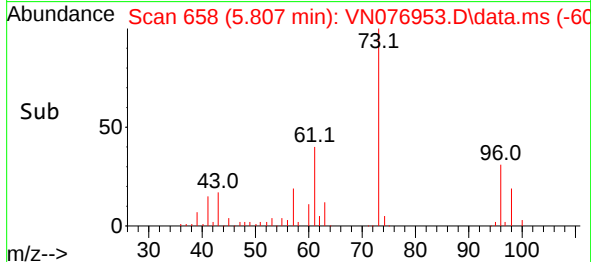
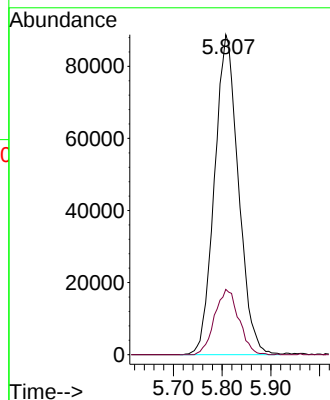
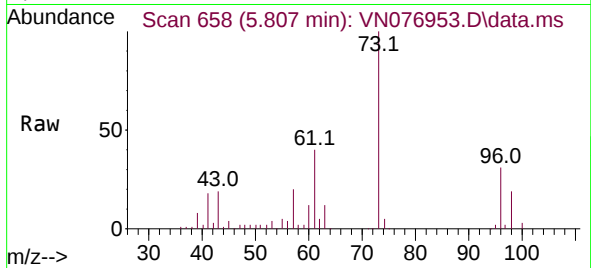
57 20.4 16.1 24.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/14/2023

Supervised By :Mahesh Dadoda 03/14/2023



#20

Methylene Chloride

Concen: 16.945 ug/l

RT: 5.290 min Scan# 570

Delta R.T. -0.000 min

Lab File: VN076953.D

Acq: 13 Mar 2023 11:32

Tgt Ion: 84 Resp: 90183

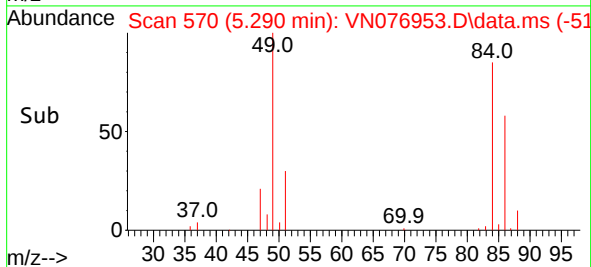
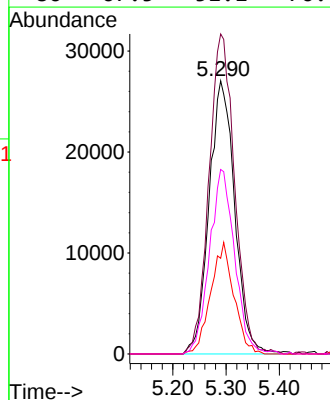
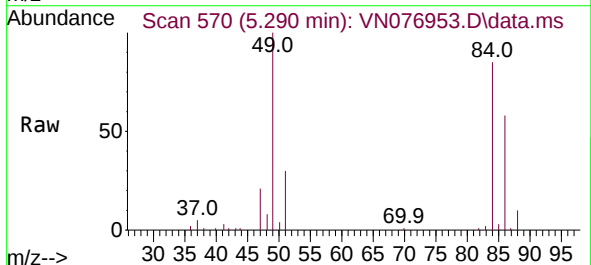
Ion Ratio Lower Upper

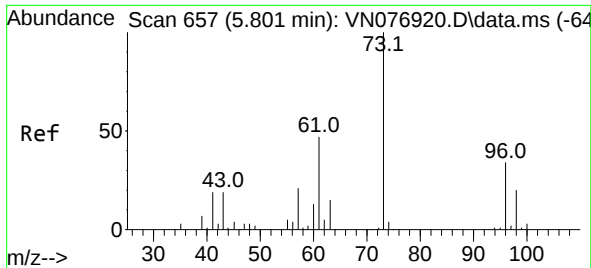
84 100

49 117.1 76.6 114.8#

51 35.0 25.4 38.2

86 67.5 51.1 76.7





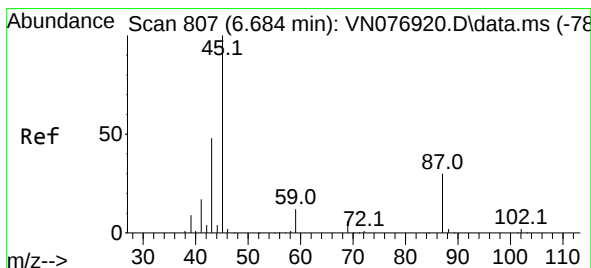
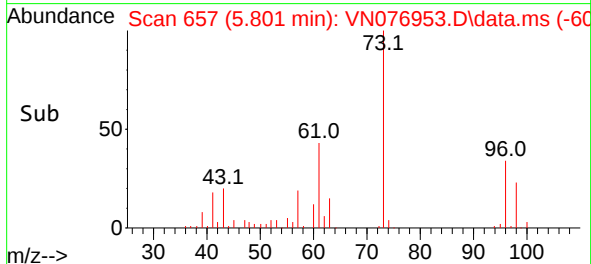
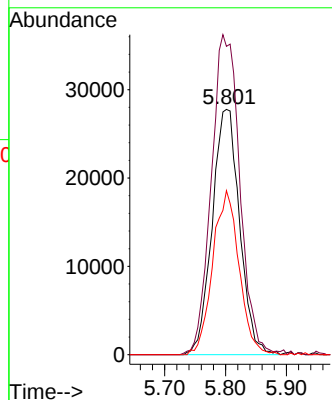
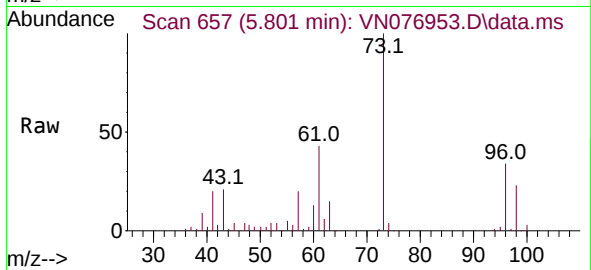
#21
trans-1,2-Dichloroethene
Concen: 18.504 ug/l
RT: 5.801 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN076953.D
Acq: 13 Mar 2023 11:32

Instrument :
MSVOA_N
ClientSampleId :
VN0313WBS01

Tgt Ion: 96 Resp: 8679
Ion Ratio Lower Upper
96 100
61 125.7 95.0 142.6
98 66.8 54.5 81.7

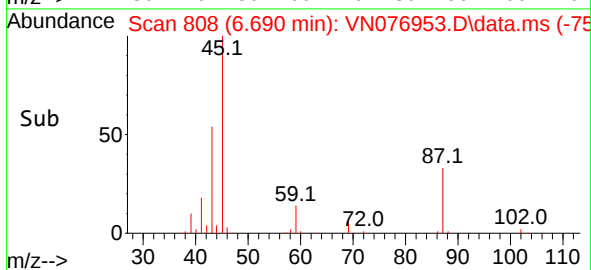
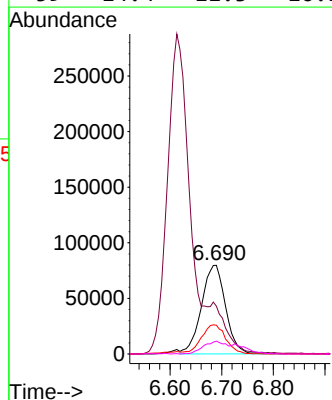
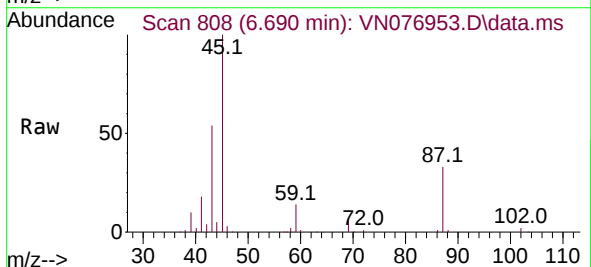
Manual Integrations
APPROVED

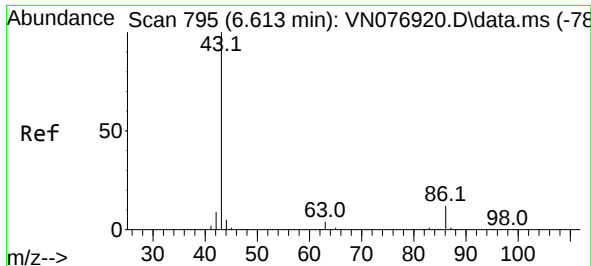
Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/14/2023



#22
Diisopropyl ether
Concen: 18.329 ug/l
RT: 6.690 min Scan# 808
Delta R.T. 0.006 min
Lab File: VN076953.D
Acq: 13 Mar 2023 11:32

Tgt Ion: 45 Resp: 257387
Ion Ratio Lower Upper
45 100
43 53.1 42.6 63.8
87 32.4 29.7 44.5
59 14.4 11.3 16.9





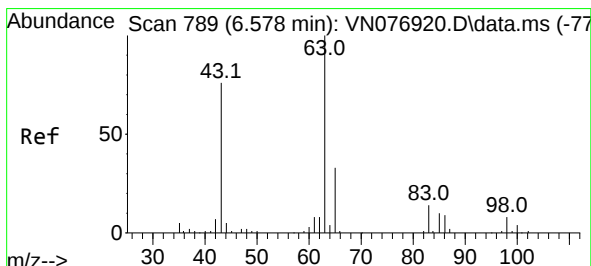
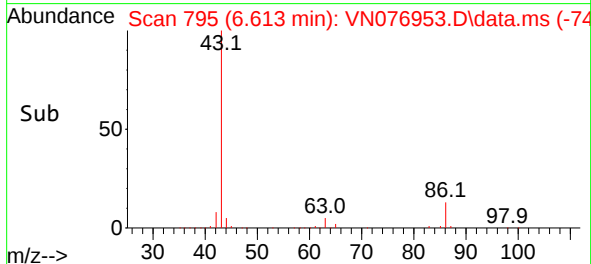
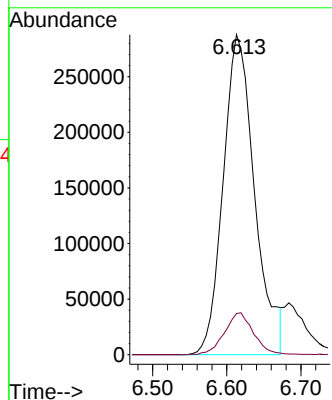
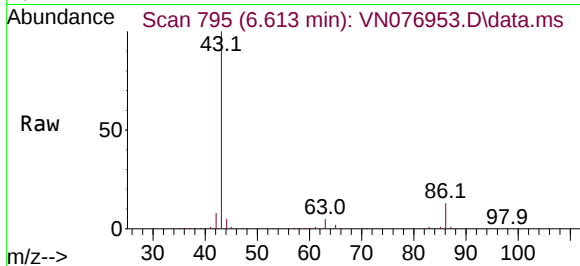
#23
 Vinyl Acetate
 Concen: 98.051 ug/l
 RT: 6.613 min Scan# 795
 Delta R.T. 0.000 min
 Lab File: VN076953.D
 Acq: 13 Mar 2023 11:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0313WBS01

Tgt Ion: 43 Resp: 847908
 Ion Ratio Lower Upper
 43 100
 86 12.9 11.8 17.6

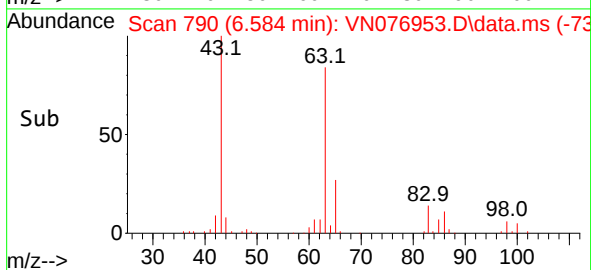
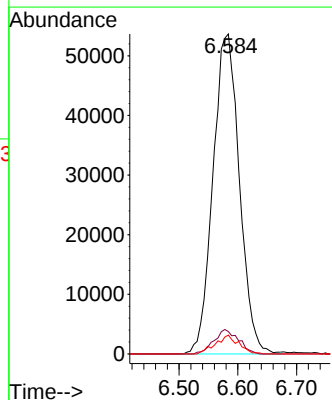
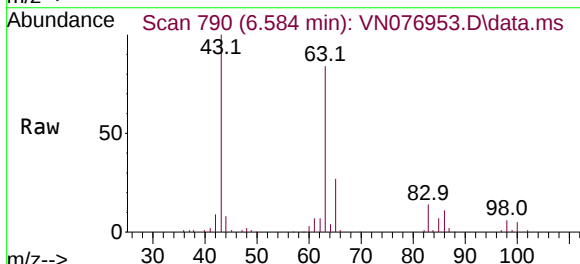
Manual Integrations
 APPROVED

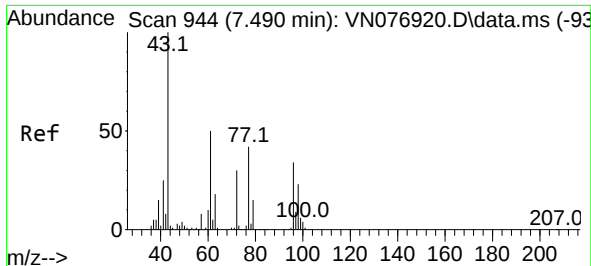
Reviewed By :John Carlone 03/14/2023
 Supervised By :Mahesh Dadoda 03/14/2023



#24
 1,1-Dichloroethane
 Concen: 18.684 ug/l
 RT: 6.584 min Scan# 790
 Delta R.T. 0.006 min
 Lab File: VN076953.D
 Acq: 13 Mar 2023 11:32

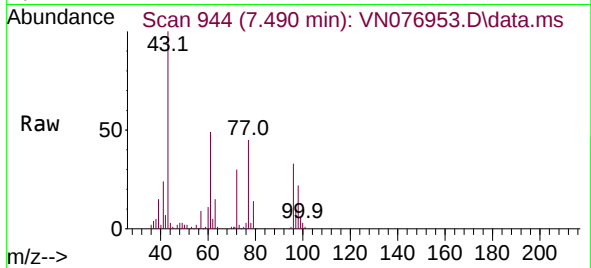
Tgt Ion: 63 Resp: 167590
 Ion Ratio Lower Upper
 63 100
 98 7.0 4.2 12.6
 100 5.9 2.2 6.6





#25
2-Butanone
Concen: 96.840 ug/l
RT: 7.490 min Scan# 944
Delta R.T. -0.000 min
Lab File: VN076953.D
Acq: 13 Mar 2023 11:32

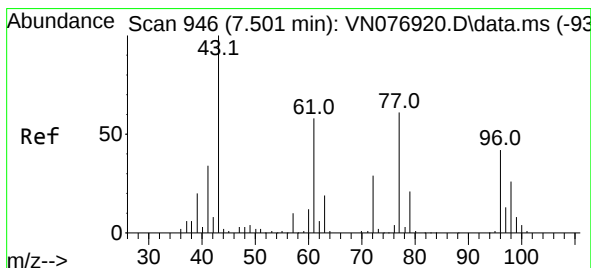
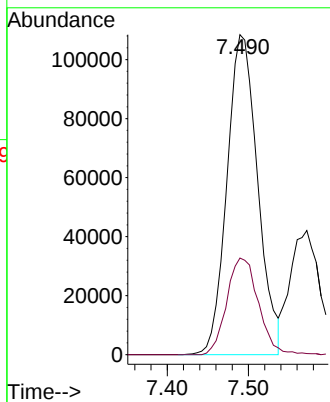
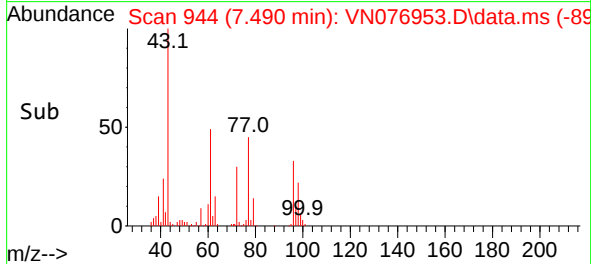
Instrument :
MSVOA_N
Client Sample Id :
VN0313WBS01



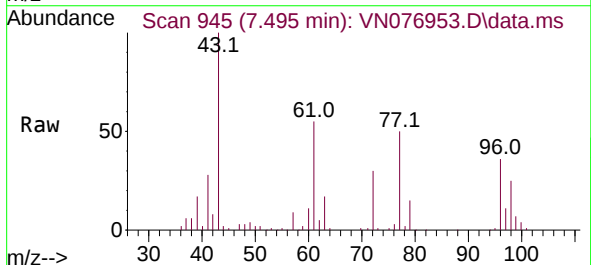
Tgt Ion: 43 Resp: 285083
Ion Ratio Lower Upper
43 100
72 30.2 28.8 43.2

Manual Integrations
APPROVED

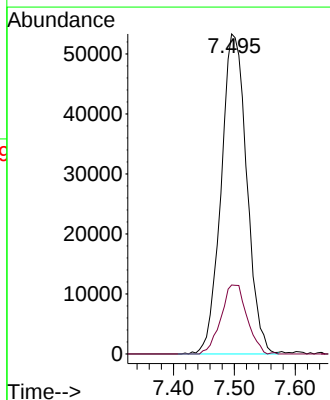
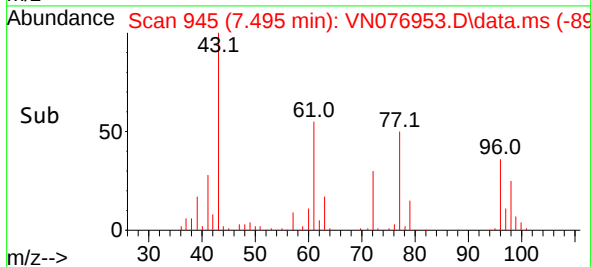
Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/14/2023

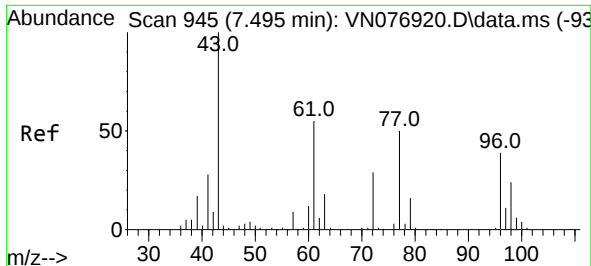


#26
2,2-Dichloropropane
Concen: 19.619 ug/l
RT: 7.495 min Scan# 945
Delta R.T. -0.006 min
Lab File: VN076953.D
Acq: 13 Mar 2023 11:32



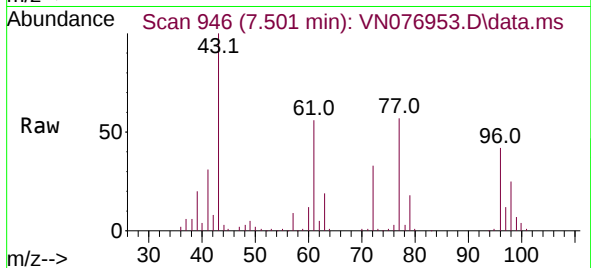
Tgt Ion: 77 Resp: 155736
Ion Ratio Lower Upper
77 100
97 21.9 11.5 34.5





#27
 cis-1,2-Dichloroethene
 Concen: 19.156 ug/l
 RT: 7.501 min Scan# 945
 Delta R.T. 0.006 min
 Lab File: VN076953.D
 Acq: 13 Mar 2023 11:32

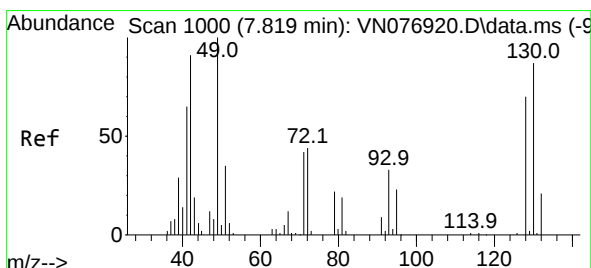
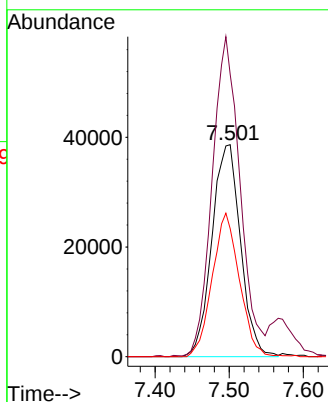
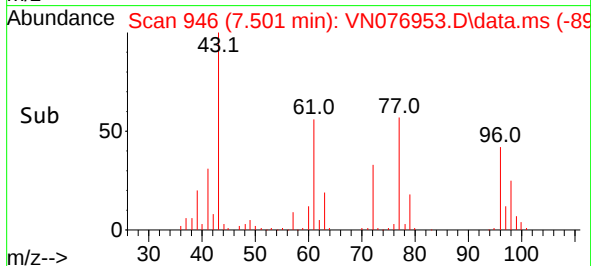
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0313WBS01



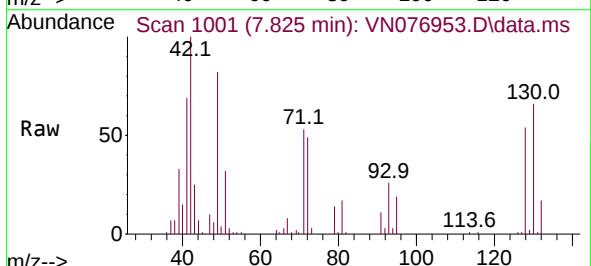
Tgt Ion: 96 Resp: 10368
 Ion Ratio Lower Upper
 96 100
 61 147.3 0.0 255.6
 98 64.5 0.0 127.4

Manual Integrations
 APPROVED

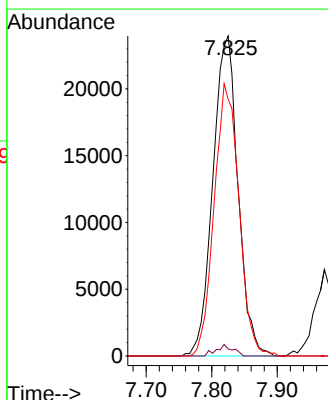
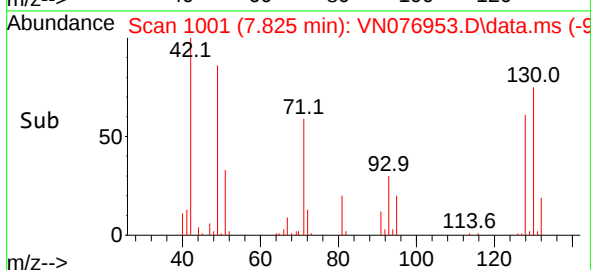
Reviewed By :John Carlone 03/14/2023
 Supervised By :Mahesh Dadoda 03/14/2023

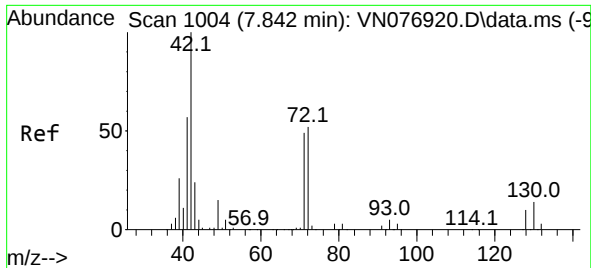


#28
 Bromochloromethane
 Concen: 19.638 ug/l
 RT: 7.825 min Scan# 1001
 Delta R.T. 0.006 min
 Lab File: VN076953.D
 Acq: 13 Mar 2023 11:32



Tgt Ion: 49 Resp: 63719
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 4.6
 130 83.9 74.8 112.2





#29

Tetrahydrofuran

Concen: 98.372 ug/l

RT: 7.842 min Scan# 1004

Delta R.T. 0.000 min

Lab File: VN076953.D

Acq: 13 Mar 2023 11:32

Instrument :

MSVOA_N

ClientSampleId :

VN0313WBS01

Tgt Ion: 42 Resp: 17949

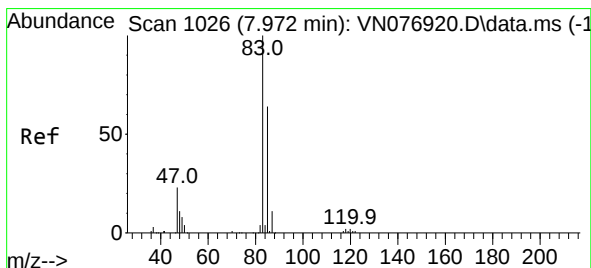
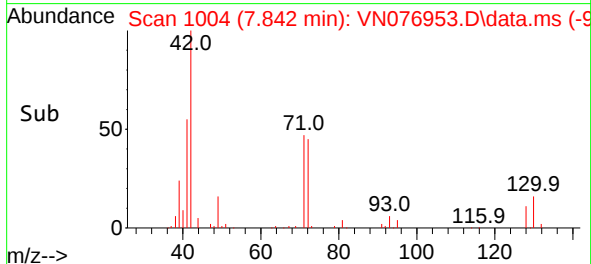
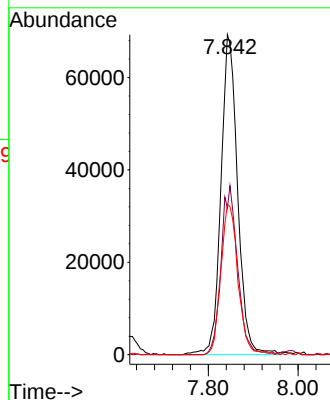
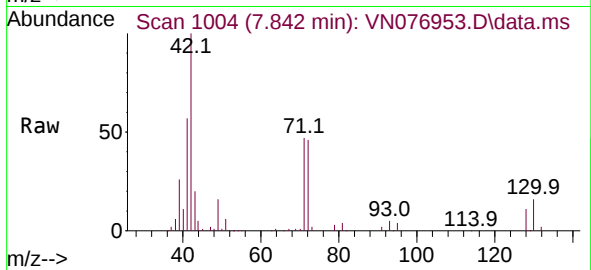
Ion	Ratio	Lower	Upper
42	100		
72	52.1	48.6	73.0
71	48.2	45.1	67.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/14/2023

Supervised By :Mahesh Dadoda 03/14/2023



#30

Chloroform

Concen: 19.237 ug/l

RT: 7.972 min Scan# 1026

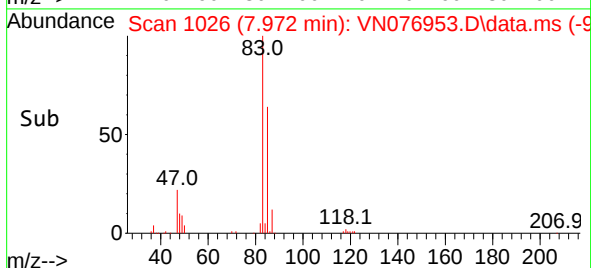
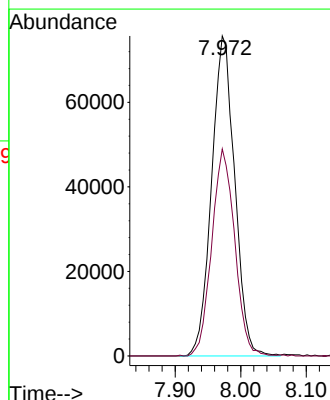
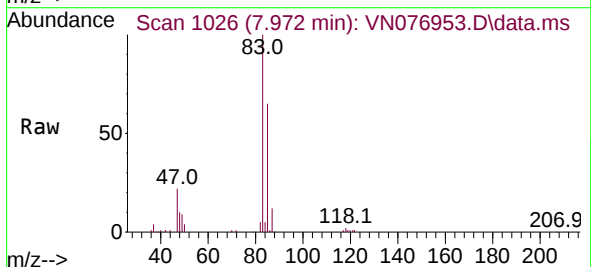
Delta R.T. -0.000 min

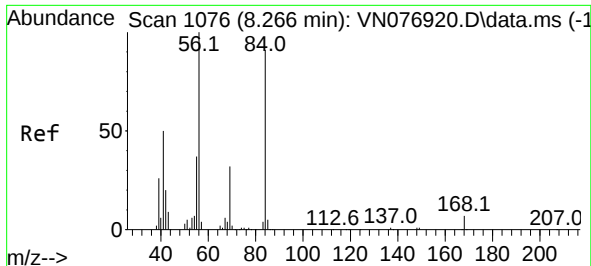
Lab File: VN076953.D

Acq: 13 Mar 2023 11:32

Tgt Ion: 83 Resp: 185404

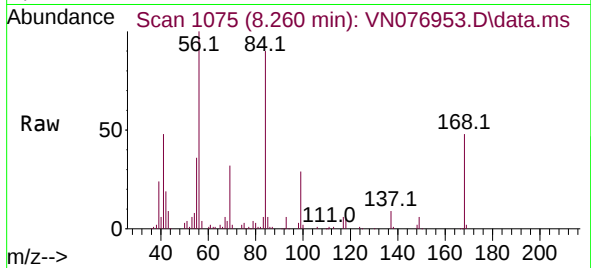
Ion	Ratio	Lower	Upper
83	100		
85	64.4	51.3	76.9





#31
Cyclohexane
Concen: 18.731 ug/l
RT: 8.260 min Scan# 1075
Delta R.T. -0.006 min
Lab File: VN076953.D
Acq: 13 Mar 2023 11:32

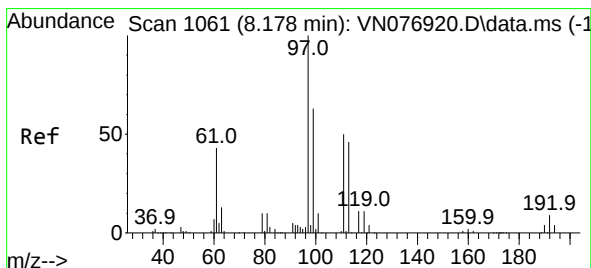
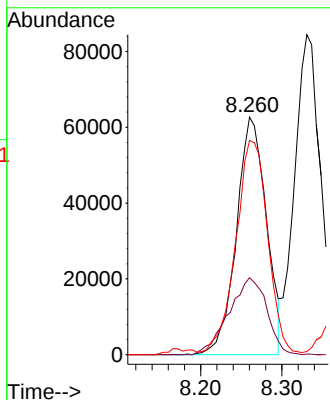
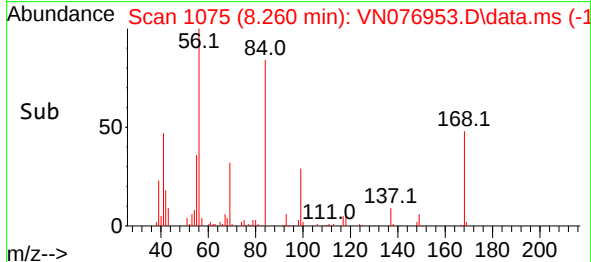
Instrument :
MSVOA_N
ClientSampleId :
VN0313WBS01



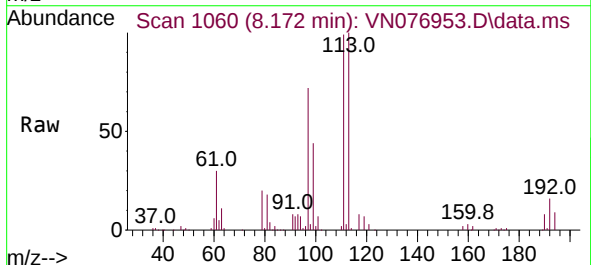
Tgt Ion: 56 Resp: 160532
Ion Ratio Lower Upper
56 100
69 32.4 27.0 40.6
84 87.7 82.9 124.3

Manual Integrations
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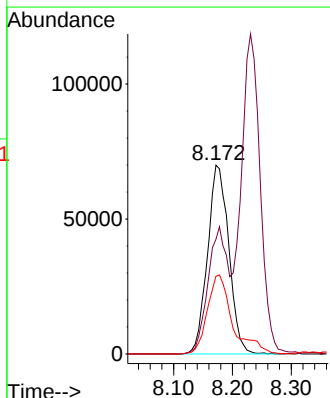
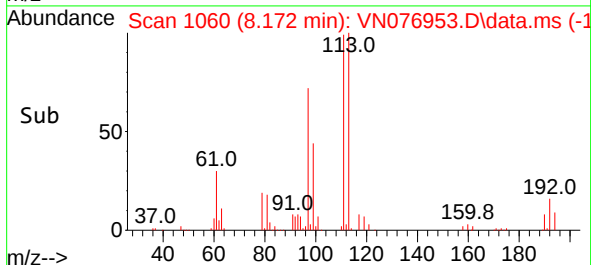
Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/14/2023

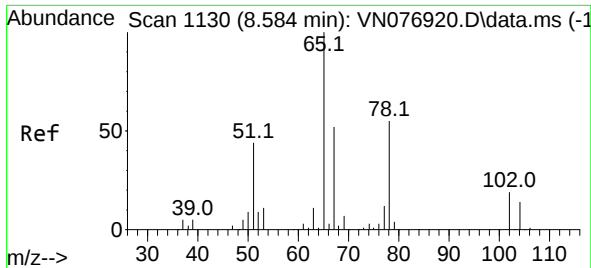


#32
1,1,1-Trichloroethane
Concen: 19.442 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.006 min
Lab File: VN076953.D
Acq: 13 Mar 2023 11:32



Tgt Ion: 97 Resp: 175676
Ion Ratio Lower Upper
97 100
99 61.7 51.2 76.8
61 49.5 35.7 53.5





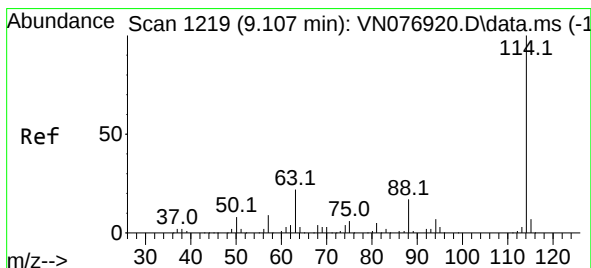
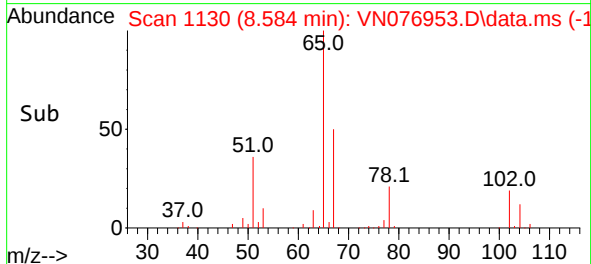
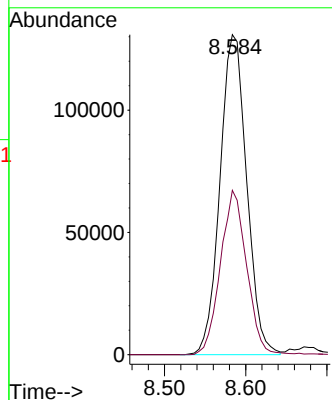
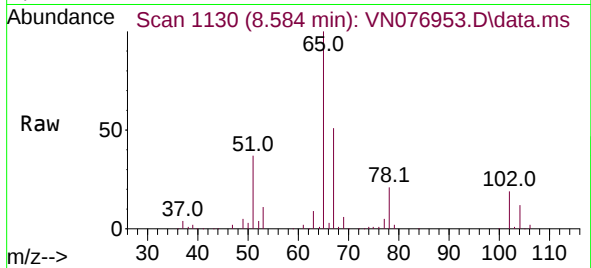
#33
1,2-Dichloroethane-d4
Concen: 50.102 ug/l
RT: 8.584 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN076953.D
Acq: 13 Mar 2023 11:32

Instrument :
MSVOA_N
ClientSampleId :
VN0313WBS01

Tgt Ion: 65 Resp: 299272
Ion Ratio Lower Upper
65 100
67 50.3 0.0 107.2

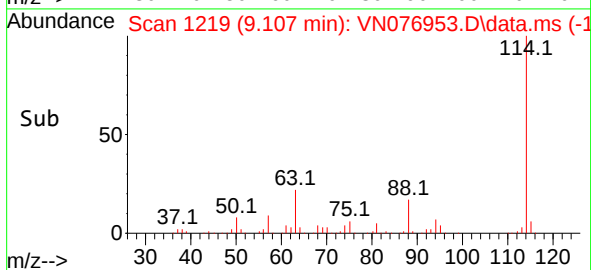
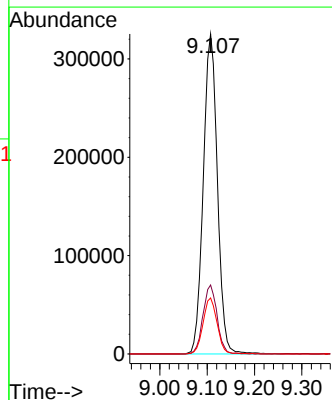
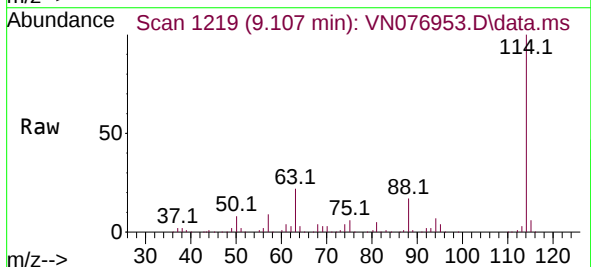
Manual Integrations
APPROVED

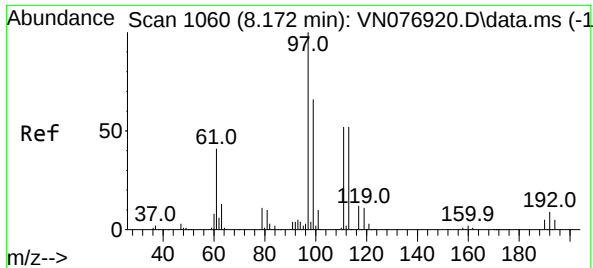
Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/14/2023



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.107 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VN076953.D
Acq: 13 Mar 2023 11:32

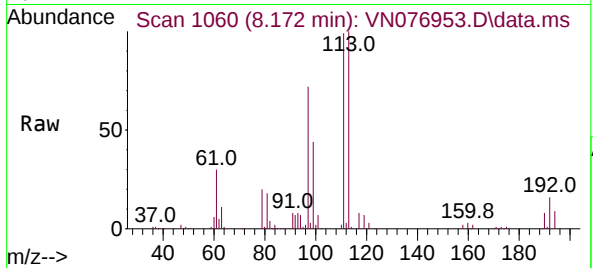
Tgt Ion:114 Resp: 671732
Ion Ratio Lower Upper
114 100
63 21.5 0.0 36.6
88 17.5 0.0 28.6





#35
Dibromofluoromethane
Concen: 50.309 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN076953.D
Acq: 13 Mar 2023 11:32

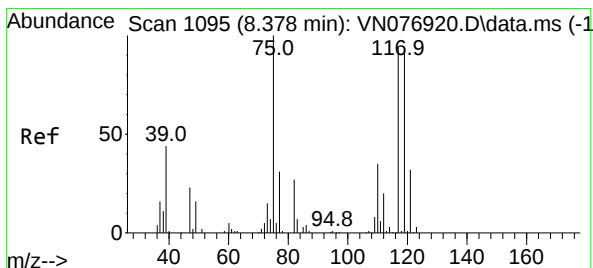
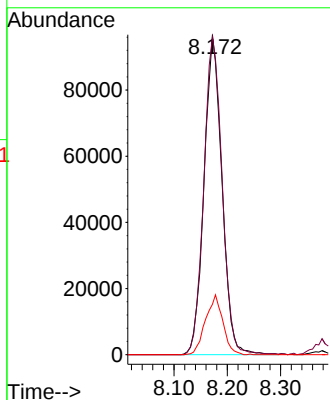
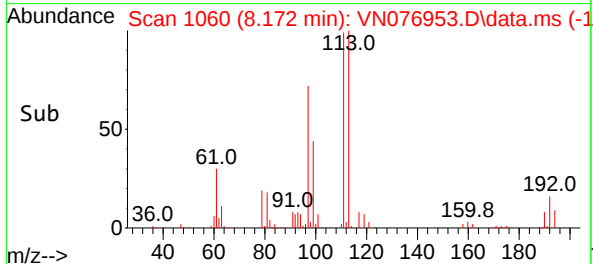
Instrument :
MSVOA_N
ClientSampleId :
VN0313WBS01



Tgt Ion:113 Resp: 225229
Ion Ratio Lower Upper
113 100
111 102.1 81.8 122.8
192 18.1 13.9 20.9

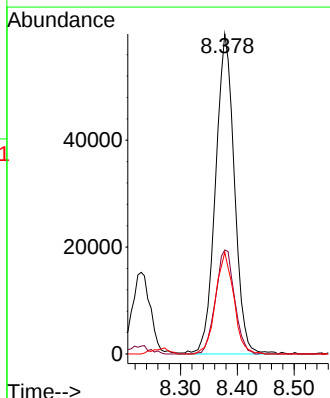
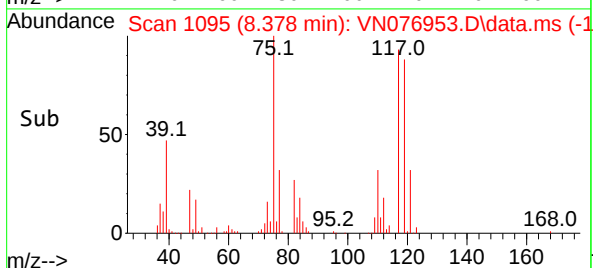
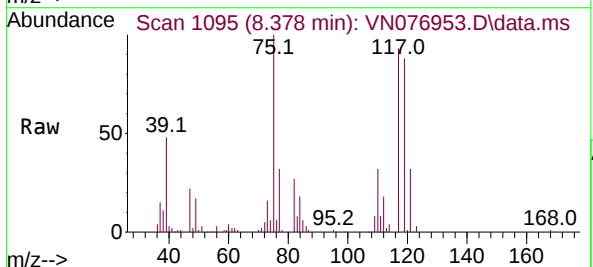
Manual Integrations
APPROVED

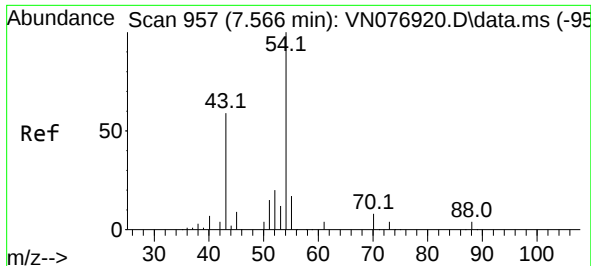
Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/14/2023



#36
1,1-Dichloropropene
Concen: 19.942 ug/l
RT: 8.378 min Scan# 1095
Delta R.T. -0.000 min
Lab File: VN076953.D
Acq: 13 Mar 2023 11:32

Tgt Ion: 75 Resp: 138078
Ion Ratio Lower Upper
75 100
110 32.7 18.9 56.9
77 30.6 24.9 37.3





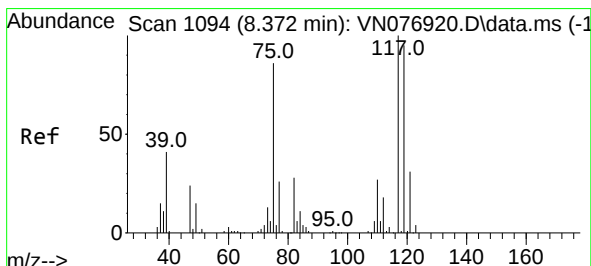
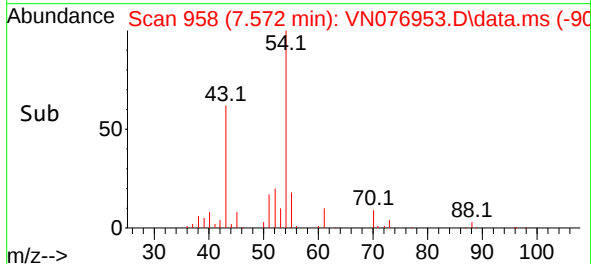
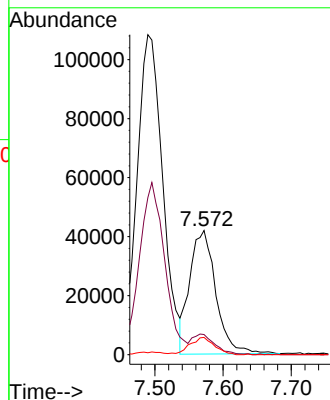
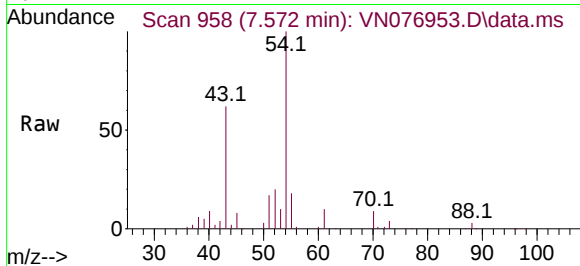
#37
Ethyl Acetate
Concen: 20.094 ug/l
RT: 7.572 min Scan# 911
Delta R.T. 0.006 min
Lab File: VN076953.D
Acq: 13 Mar 2023 11:32

Instrument :
MSVOA_N
ClientSampleId :
VN0313WBS01

Tgt Ion: 43 Resp: 111264
Ion Ratio Lower Upper
43 100
61 14.5 13.5 20.3
70 13.2 11.0 16.6

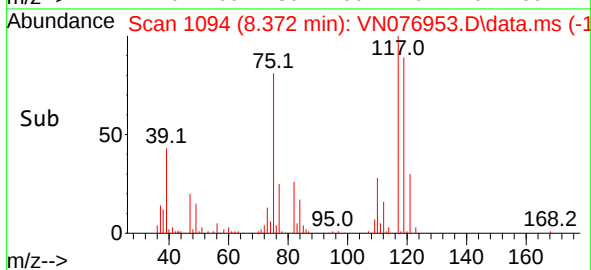
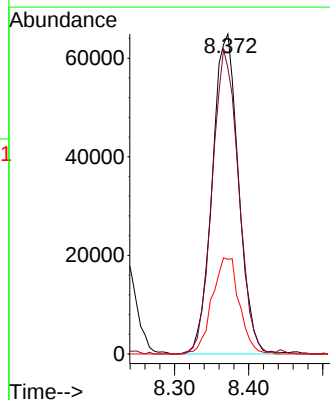
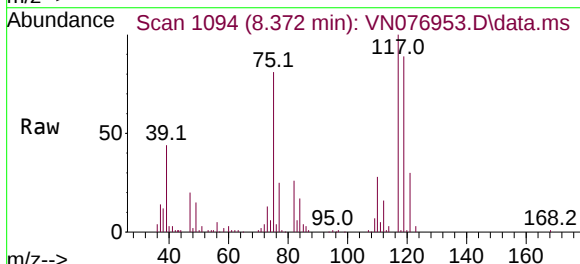
Manual Integrations
APPROVED

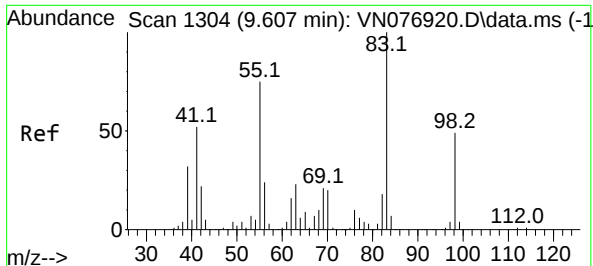
Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/14/2023



#38
Carbon Tetrachloride
Concen: 19.726 ug/l
RT: 8.372 min Scan# 1094
Delta R.T. -0.000 min
Lab File: VN076953.D
Acq: 13 Mar 2023 11:32

Tgt Ion:117 Resp: 159853
Ion Ratio Lower Upper
117 100
119 89.3 76.9 115.3
121 29.6 23.2 34.8





#39

Methylcyclohexane

Concen: 19.819 ug/l

RT: 9.607 min Scan# 11304

Delta R.T. 0.000 min

Lab File: VN076953.D

Acq: 13 Mar 2023 11:32

Instrument :

MSVOA_N

ClientSampleId :

VN0313WBS01

Tgt Ion: 83 Resp: 166574

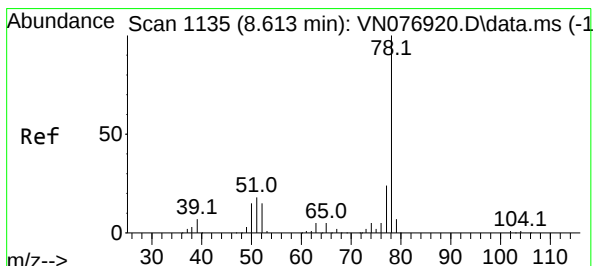
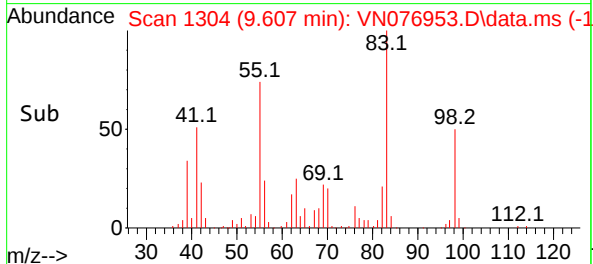
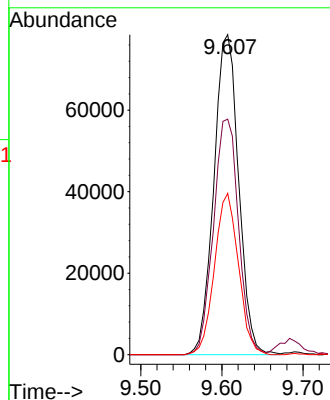
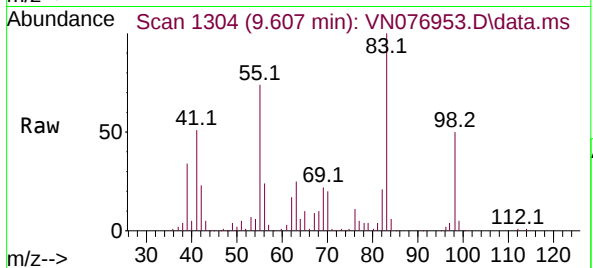
Ion	Ratio	Lower	Upper
83	100		
55	73.6	47.0	70.4
98	50.4	39.4	59.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/14/2023

Supervised By :Mahesh Dadoda 03/14/2023



#40

Benzene

Concen: 19.533 ug/l

RT: 8.613 min Scan# 1135

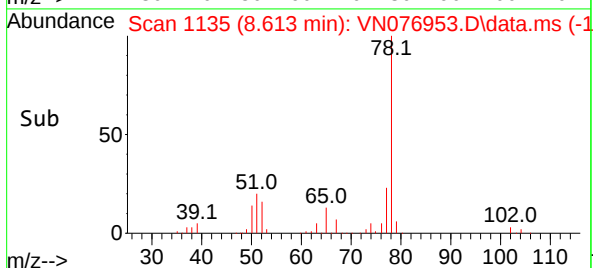
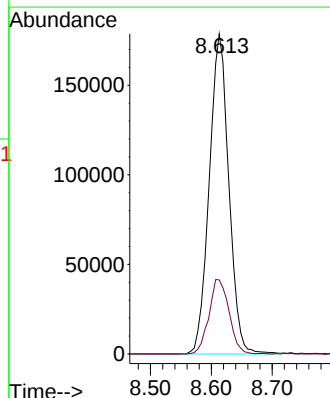
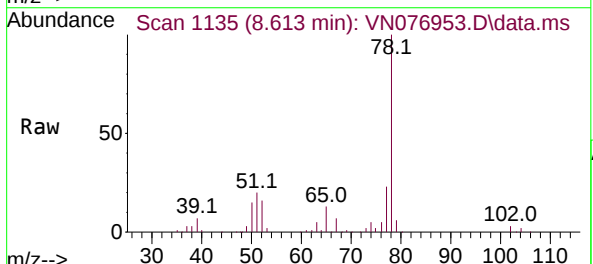
Delta R.T. 0.000 min

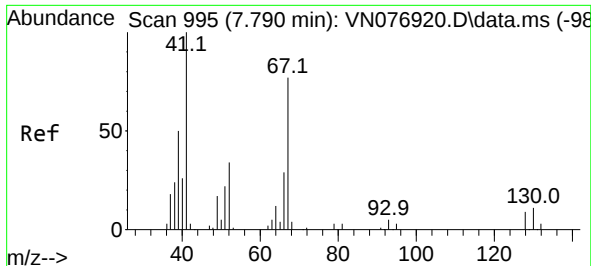
Lab File: VN076953.D

Acq: 13 Mar 2023 11:32

Tgt Ion: 78 Resp: 398656

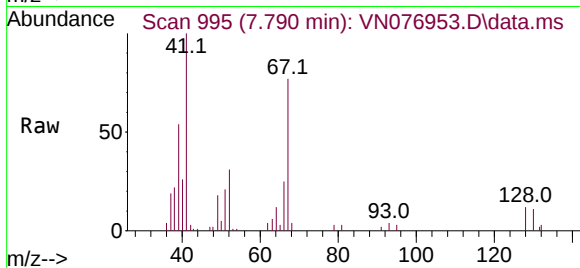
Ion	Ratio	Lower	Upper
78	100		
77	23.2	19.3	28.9





#41
Methacrylonitrile
Concen: 18.990 ug/l
RT: 7.790 min Scan# 995
Delta R.T. -0.000 min
Lab File: VN076953.D
Acq: 13 Mar 2023 11:32

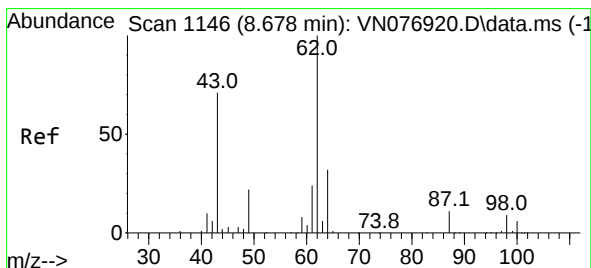
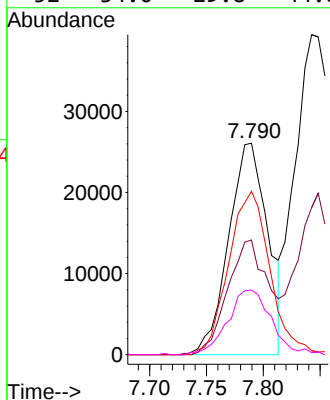
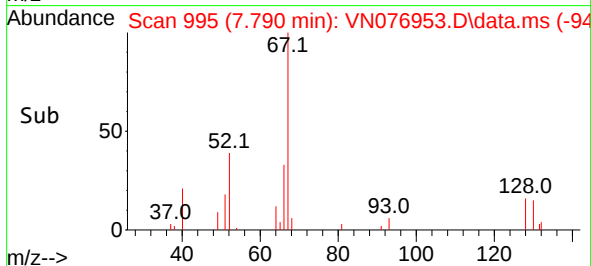
Instrument :
MSVOA_N
ClientSampleId :
VN0313WBS01



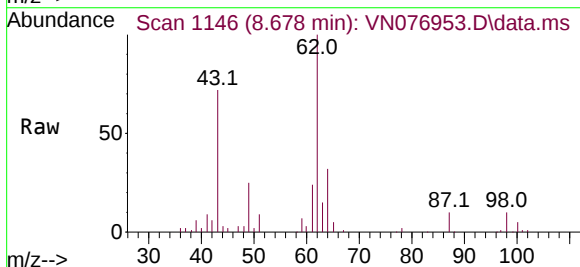
Tgt Ion: 41 Resp: 6257
Ion Ratio Lower Upper
41 100
39 56.0 43.4 65.0
67 81.6 78.6 118.0
52 34.0 29.8 44.8

Manual Integrations
APPROVED

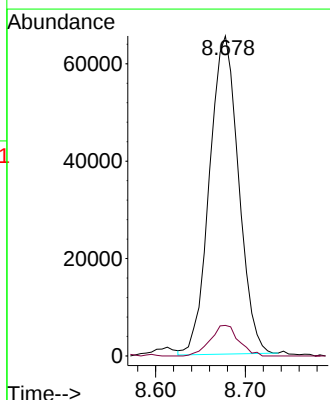
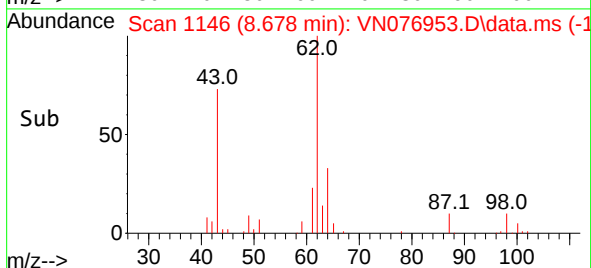
Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/14/2023

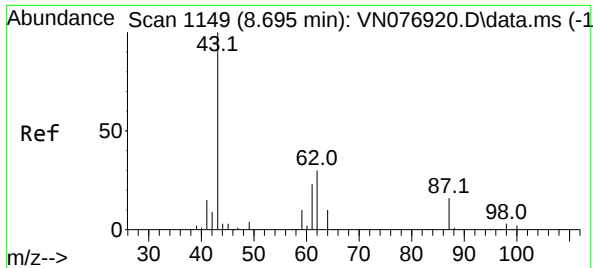


#42
1,2-Dichloroethane
Concen: 18.476 ug/l
RT: 8.678 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VN076953.D
Acq: 13 Mar 2023 11:32



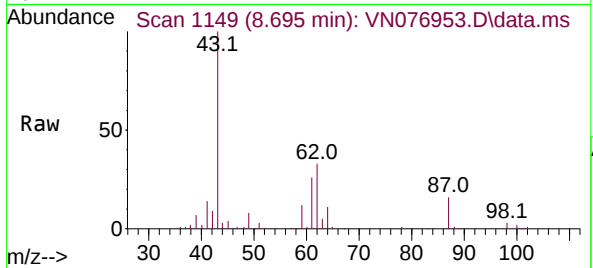
Tgt Ion: 62 Resp: 147080
Ion Ratio Lower Upper
62 100
98 9.4 0.0 21.8





#43
Isopropyl Acetate
Concen: 19.640 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VN076953.D
Acq: 13 Mar 2023 11:32

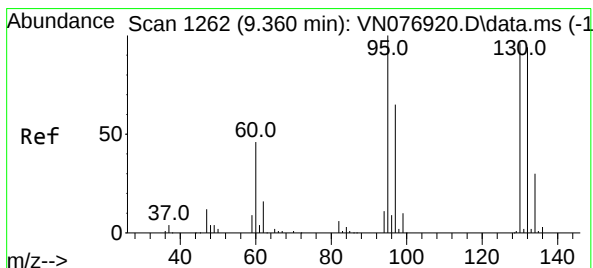
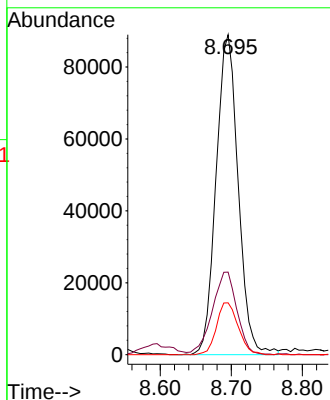
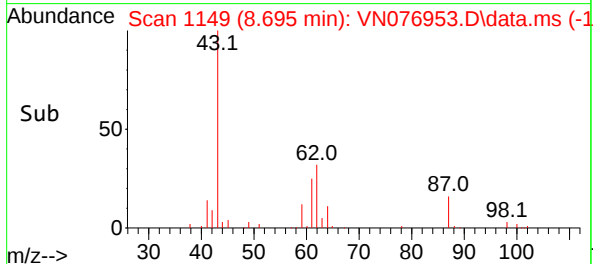
Instrument :
MSVOA_N
ClientSampleId :
VN0313WBS01



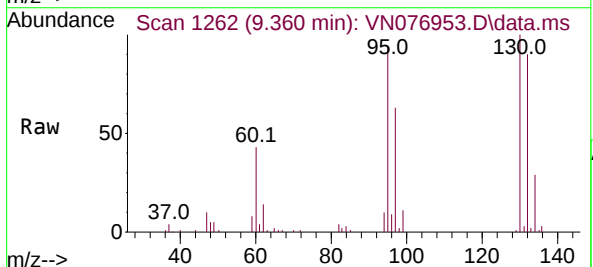
Tgt Ion: 43 Resp: 19197
Ion Ratio Lower Upper
43 100
61 28.9 26.2 39.2
87 15.9 14.8 22.2

Manual Integrations
APPROVED

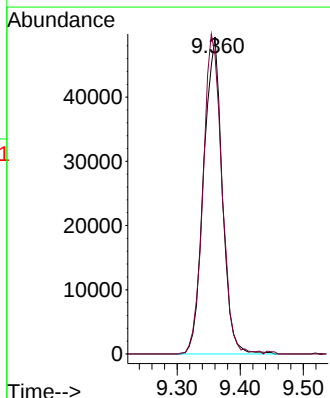
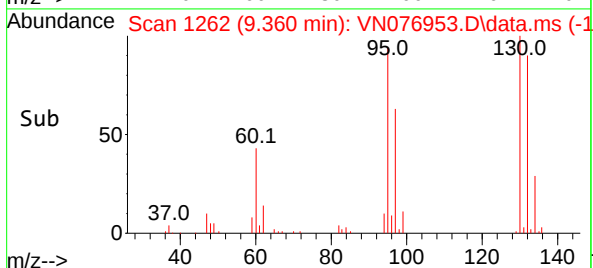
Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/14/2023

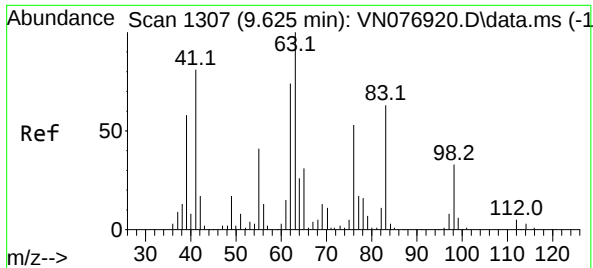


#44
Trichloroethene
Concen: 19.106 ug/l
RT: 9.360 min Scan# 1262
Delta R.T. 0.000 min
Lab File: VN076953.D
Acq: 13 Mar 2023 11:32



Tgt Ion:130 Resp: 100773
Ion Ratio Lower Upper
130 100
95 94.3 0.0 208.6





#45

1,2-Dichloropropane

Concen: 19.642 ug/l

RT: 9.625 min Scan# 1307

Delta R.T. -0.000 min

Lab File: VN076953.D

Acq: 13 Mar 2023 11:32

Instrument :

MSVOA_N

ClientSampleId :

VN0313WBS01

Tgt Ion: 63 Resp: 9863

Ion Ratio Lower Upper

63 100

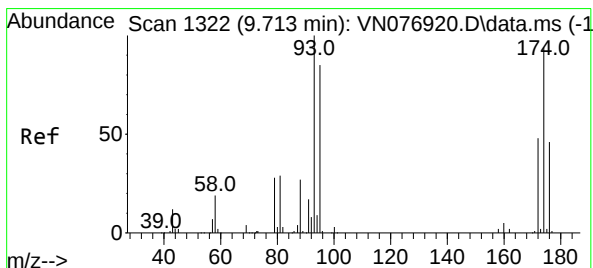
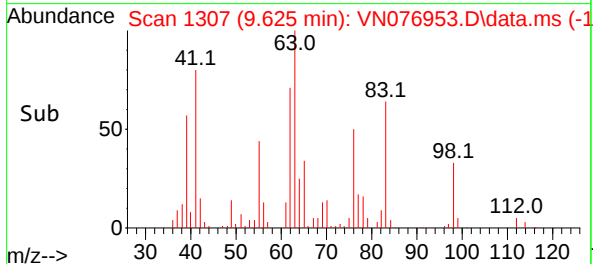
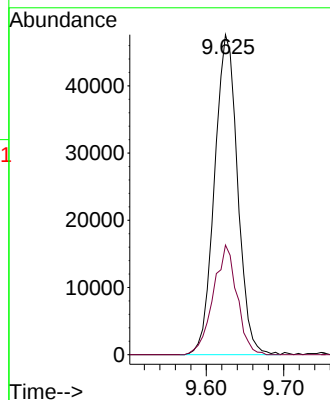
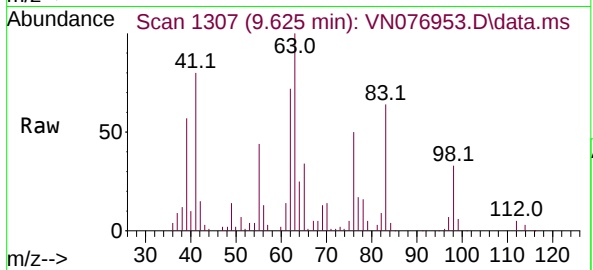
65 34.3 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/14/2023

Supervised By :Mahesh Dadoda 03/14/2023



#46

Dibromomethane

Concen: 19.440 ug/l

RT: 9.713 min Scan# 1322

Delta R.T. -0.000 min

Lab File: VN076953.D

Acq: 13 Mar 2023 11:32

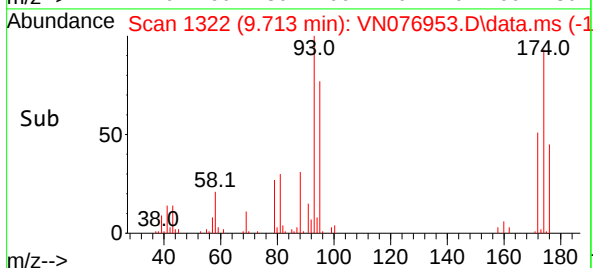
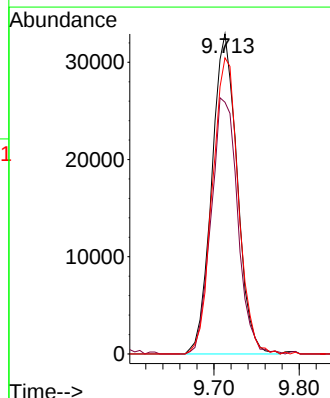
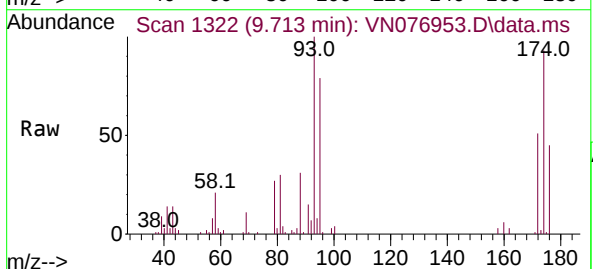
Tgt Ion: 93 Resp: 68175

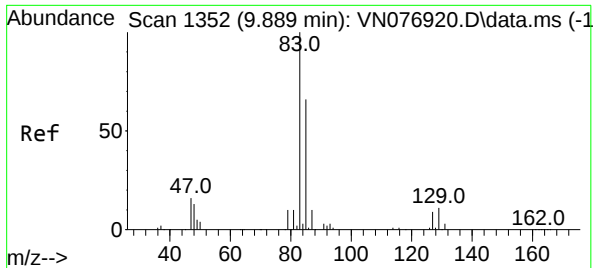
Ion Ratio Lower Upper

93 100

95 83.5 65.7 98.5

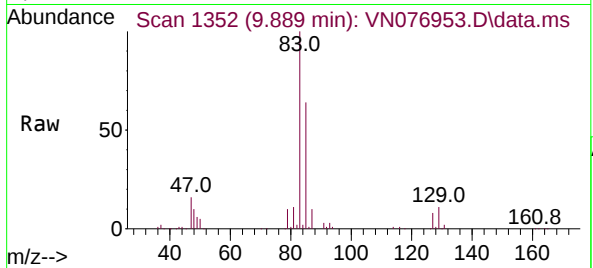
174 94.8 69.3 103.9





#47
Bromodichloromethane
Concen: 19.848 ug/l
RT: 9.889 min Scan# 1352
Delta R.T. 0.000 min
Lab File: VN076953.D
Acq: 13 Mar 2023 11:32

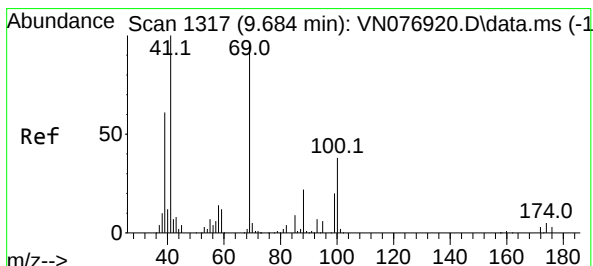
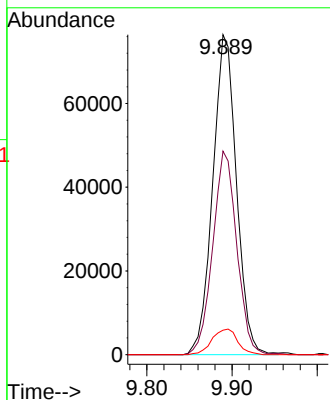
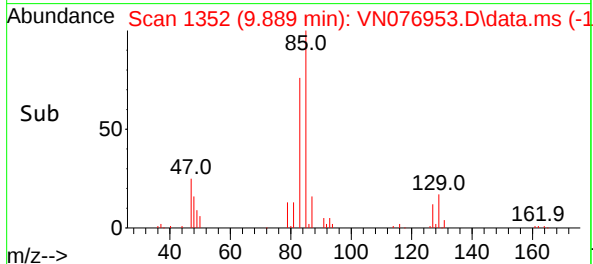
Instrument :
MSVOA_N
ClientSampleId :
VN0313WBS01



Tgt Ion: 83 Resp: 147668
Ion Ratio Lower Upper
83 100
85 63.6 52.6 78.8
127 7.7 7.0 10.6

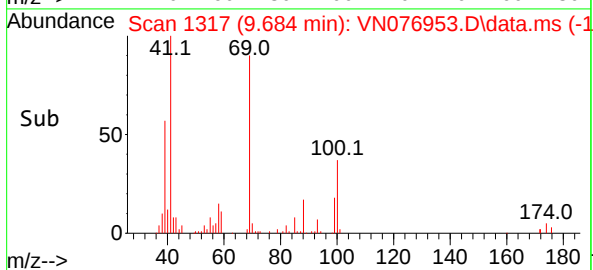
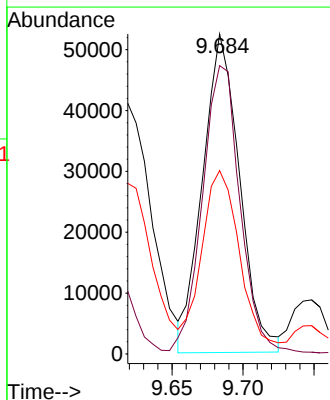
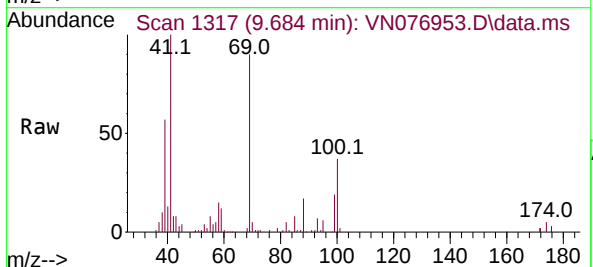
Manual Integrations
APPROVED

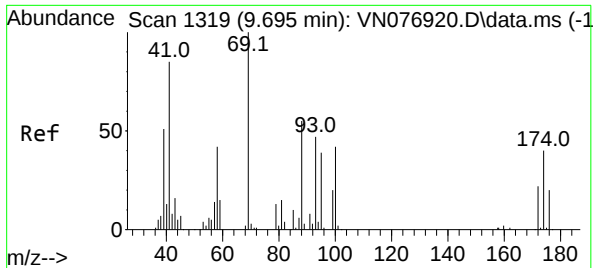
Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/14/2023



#48
Methyl methacrylate
Concen: 19.761 ug/l
RT: 9.684 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VN076953.D
Acq: 13 Mar 2023 11:32

Tgt Ion: 41 Resp: 94640
Ion Ratio Lower Upper
41 100
69 92.1 92.6 139.0#
39 60.5 51.4 77.0





#49

1,4-Dioxane

Concen: 409.095 ug/l

RT: 9.701 min Scan# 1320

Delta R.T. 0.006 min

Lab File: VN076953.D

Acq: 13 Mar 2023 11:32

Instrument :

MSVOA_N

ClientSampleId :

VN0313WBS01

Tgt Ion: 88 Resp: 37099

Ion Ratio Lower Upper

88 100

43 27.0 15.3 22.9

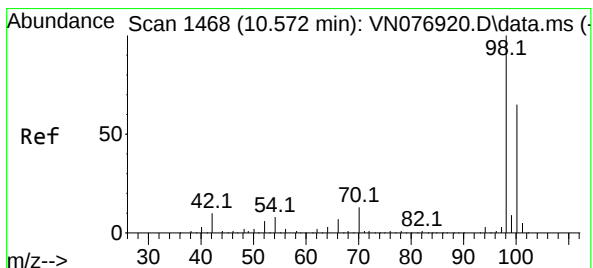
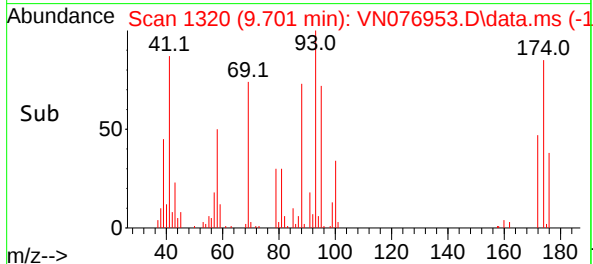
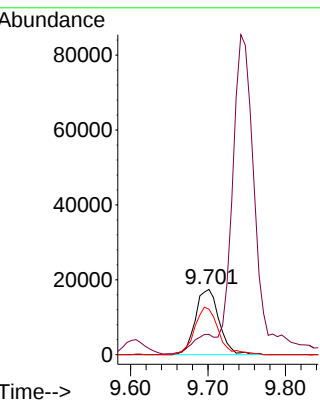
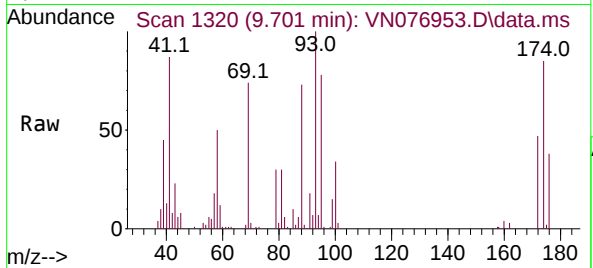
58 73.4 47.6 71.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/14/2023

Supervised By :Mahesh Dadoda 03/14/2023



#50

Toluene-d8

Concen: 51.815 ug/l

RT: 10.572 min Scan# 1468

Delta R.T. -0.000 min

Lab File: VN076953.D

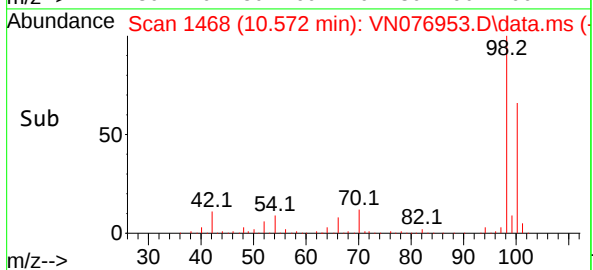
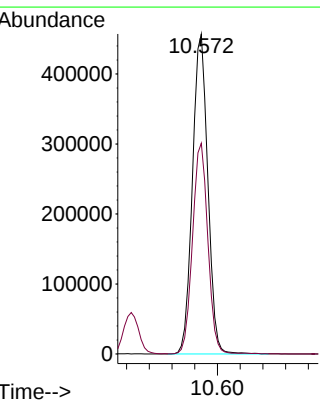
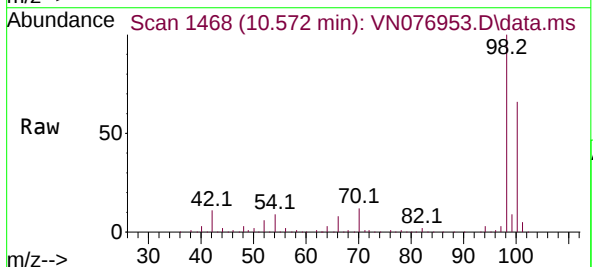
Acq: 13 Mar 2023 11:32

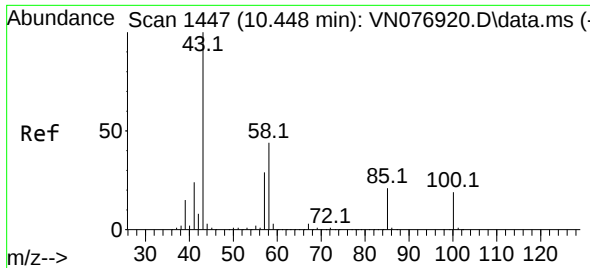
Tgt Ion: 98 Resp: 854921

Ion Ratio Lower Upper

98 100

100 65.4 52.8 79.2





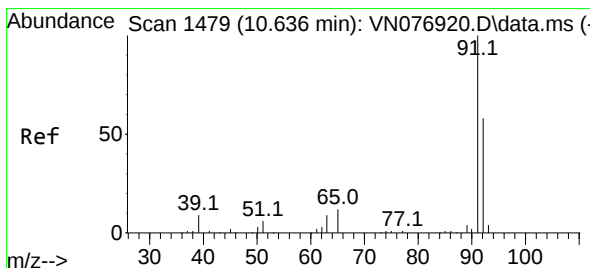
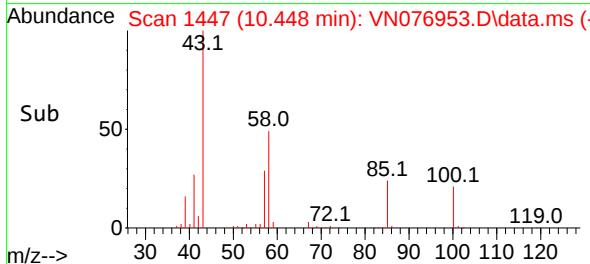
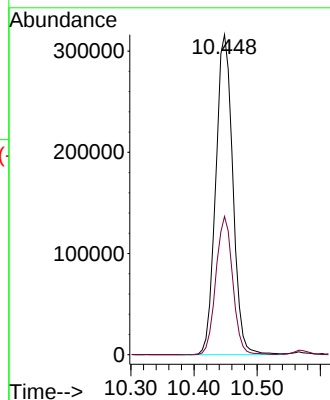
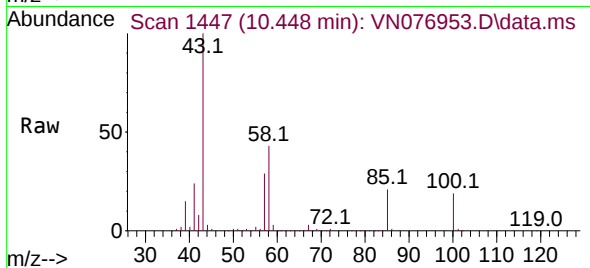
#51
4-Methyl-2-Pentanone
Concen: 101.231 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN076953.D
Acq: 13 Mar 2023 11:32

Instrument :
MSVOA_N
ClientSampleId :
VN0313WBS01

Tgt Ion: 43 Resp: 594409
Ion Ratio Lower Upper
43 100
58 42.6 37.4 56.0

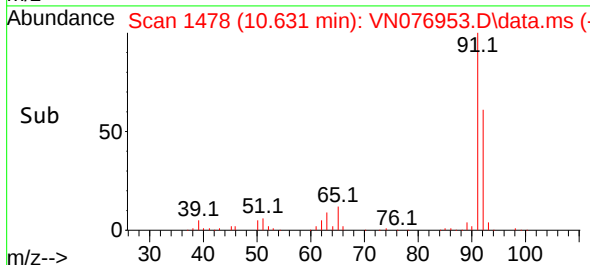
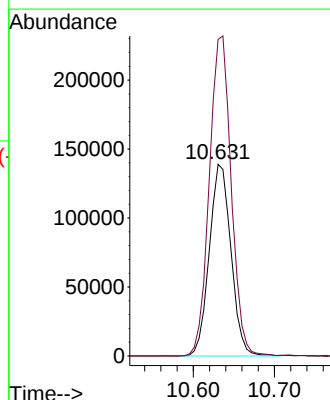
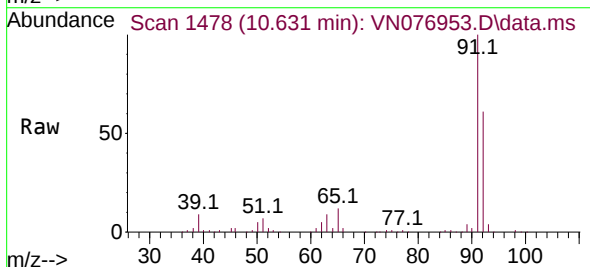
Manual Integrations
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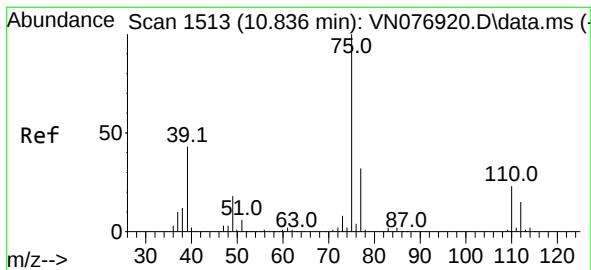
Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/14/2023



#52
Toluene
Concen: 20.503 ug/l
RT: 10.631 min Scan# 1478
Delta R.T. -0.005 min
Lab File: VN076953.D
Acq: 13 Mar 2023 11:32

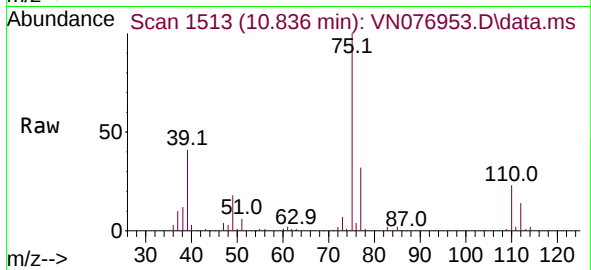
Tgt Ion: 92 Resp: 257543
Ion Ratio Lower Upper
92 100
91 168.7 138.2 207.2





#53
 t-1,3-Dichloropropene
 Concen: 20.654 ug/l
 RT: 10.836 min Scan# 1513
 Delta R.T. 0.000 min
 Lab File: VN076953.D
 Acq: 13 Mar 2023 11:32

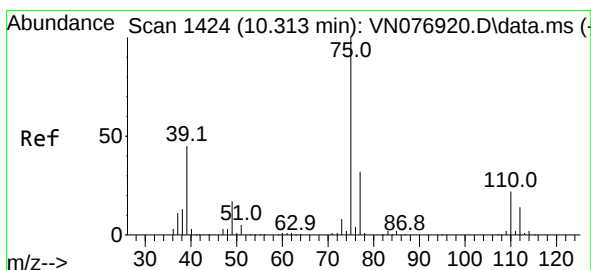
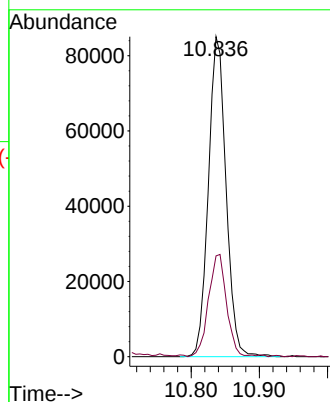
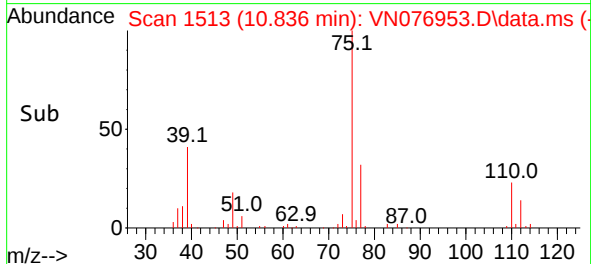
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0313WBS01



Tgt Ion: 75 Resp: 153199
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.0 37.6

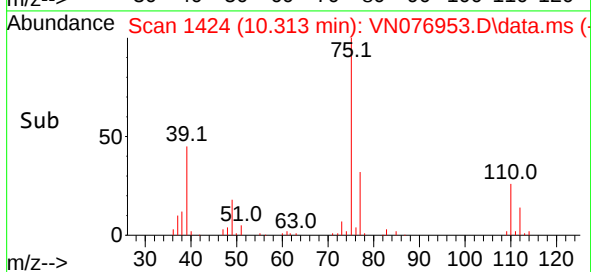
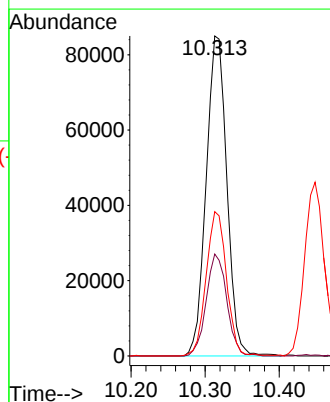
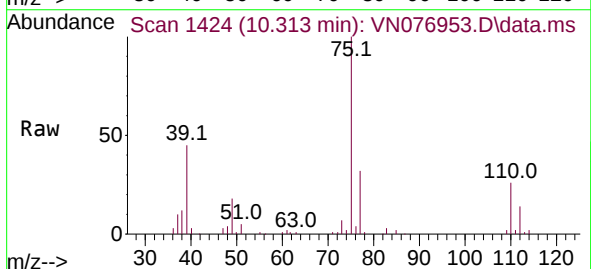
Manual Integrations
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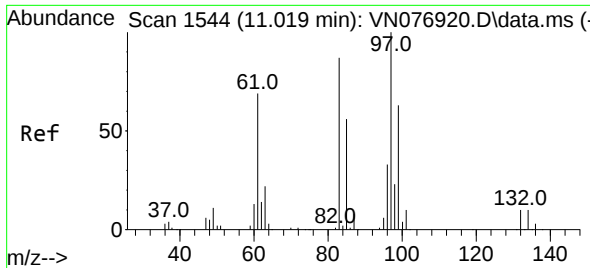
Reviewed By :John Carlone 03/14/2023
 Supervised By :Mahesh Dadoda 03/14/2023



#54
 cis-1,3-Dichloropropene
 Concen: 20.248 ug/l
 RT: 10.313 min Scan# 1424
 Delta R.T. -0.000 min
 Lab File: VN076953.D
 Acq: 13 Mar 2023 11:32

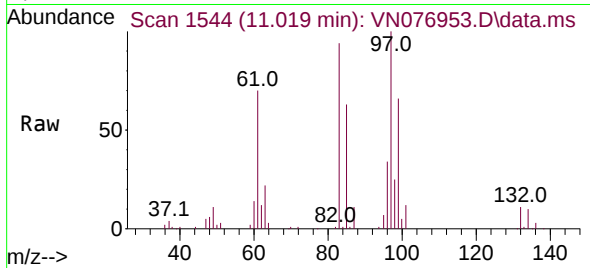
Tgt Ion: 75 Resp: 164937
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.7 38.5
 39 45.1 29.7 44.5#





#55
1,1,2-Trichloroethane
Concen: 19.464 ug/l
RT: 11.019 min Scan# 1544
Delta R.T. -0.000 min
Lab File: VN076953.D
Acq: 13 Mar 2023 11:32

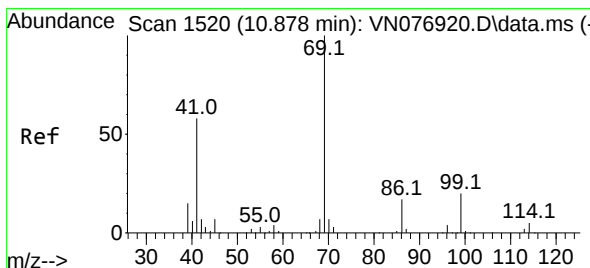
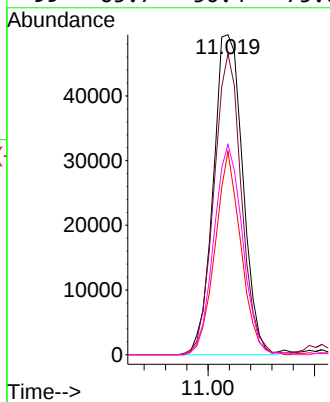
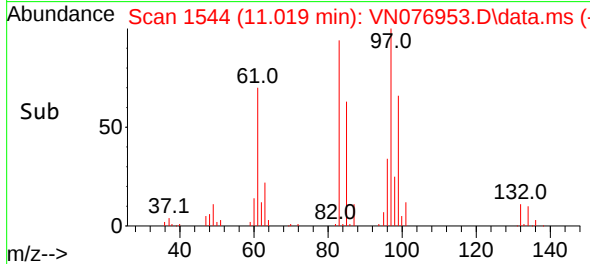
Instrument :
MSVOA_N
ClientSampleId :
VN0313WBS01



Tgt Ion	Ratio	Lower	Upper
97	100		
83	94.0	67.1	100.7
85	63.5	41.8	62.8
99	65.7	50.4	75.6

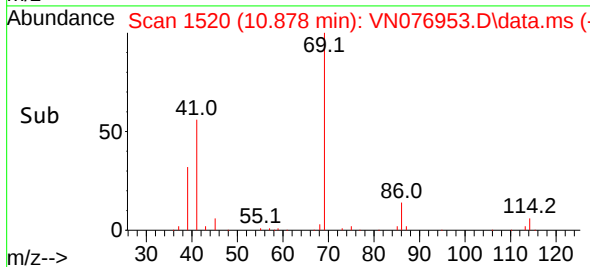
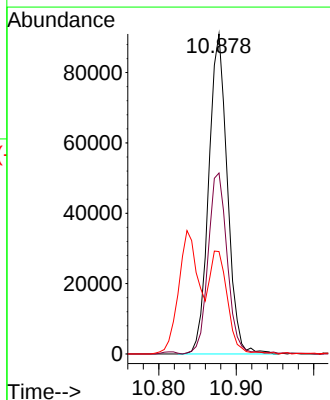
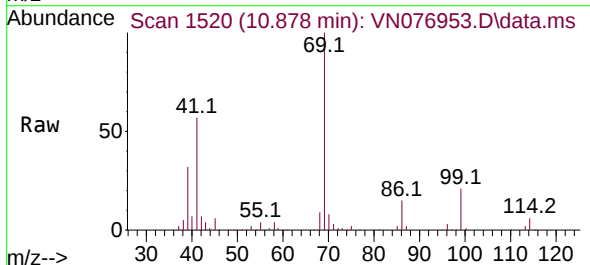
Manual Integrations
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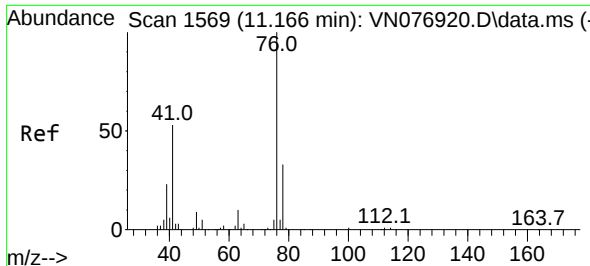
Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/14/2023



#56
Ethyl methacrylate
Concen: 20.454 ug/l
RT: 10.878 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VN076953.D
Acq: 13 Mar 2023 11:32

Tgt Ion	Ratio	Lower	Upper
69	100		
41	58.2	38.0	57.0
39	30.8	22.4	33.6





#57

1,3-Dichloropropane

Concen: 19.529 ug/l

RT: 11.166 min Scan# 1569

Delta R.T. -0.000 min

Lab File: VN076953.D

Acq: 13 Mar 2023 11:32

Instrument :

MSVOA_N

ClientSampleId :

VN0313WBS01

Tgt Ion: 76 Resp: 16830

Ion Ratio Lower Upper

76 100

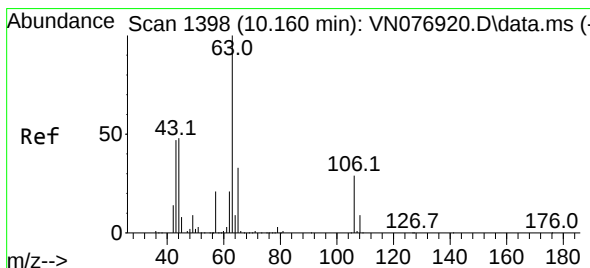
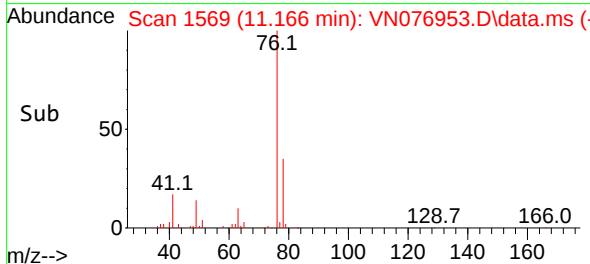
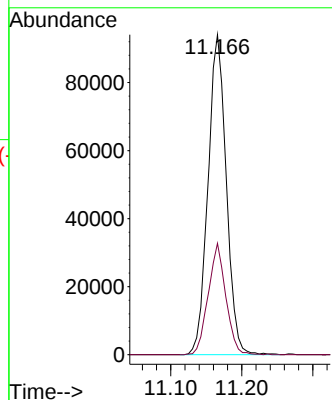
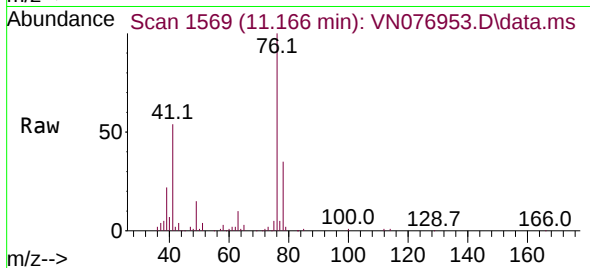
78 33.5 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/14/2023

Supervised By :Mahesh Dadoda 03/14/2023



#58

2-Chloroethyl Vinyl ether

Concen: 104.079 ug/l

RT: 10.166 min Scan# 1399

Delta R.T. 0.006 min

Lab File: VN076953.D

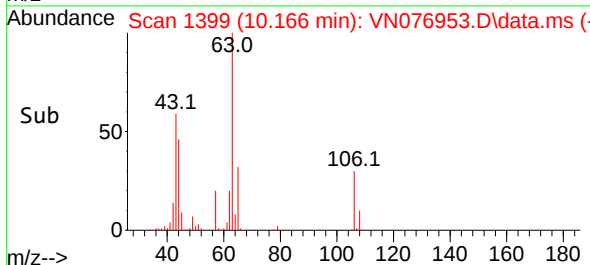
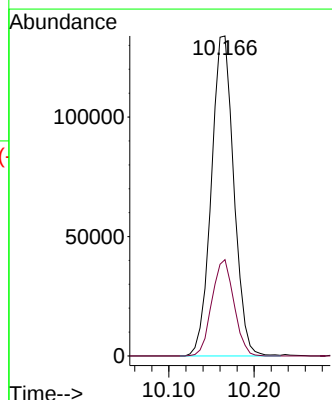
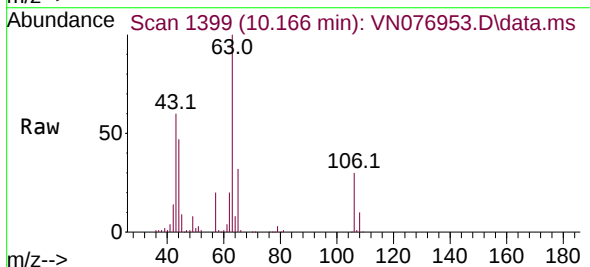
Acq: 13 Mar 2023 11:32

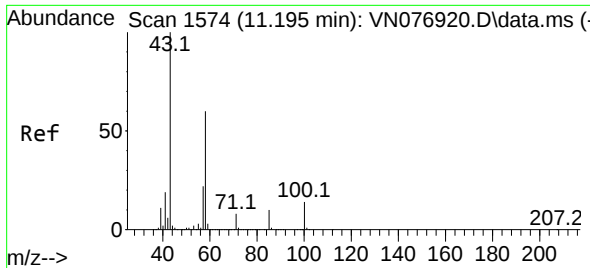
Tgt Ion: 63 Resp: 245680

Ion Ratio Lower Upper

63 100

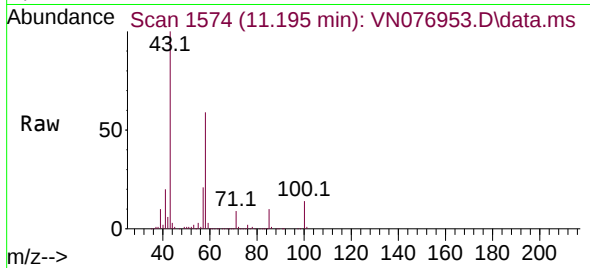
106 29.5 25.6 38.4





#59
2-Hexanone
Concen: 103.193 ug/l
RT: 11.195 min Scan# 111
Delta R.T. 0.000 min
Lab File: VN076953.D
Acq: 13 Mar 2023 11:32

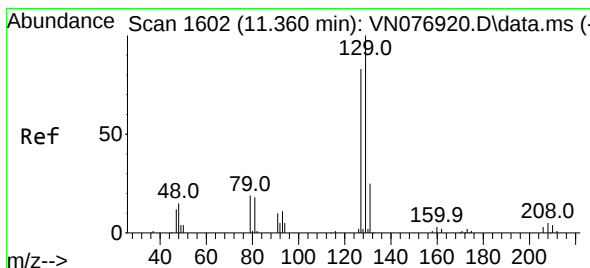
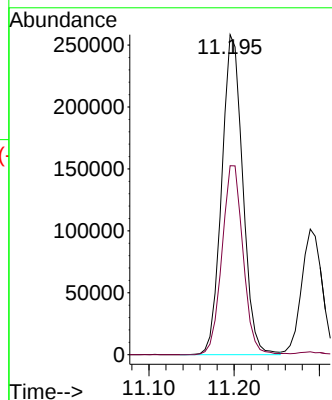
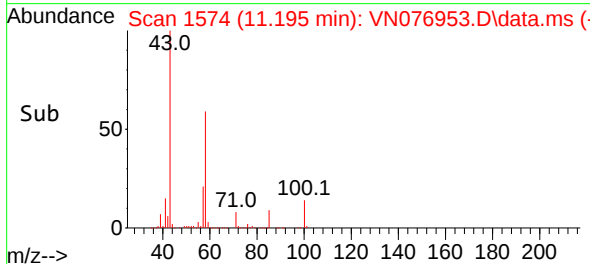
Instrument :
MSVOA_N
ClientSampleId :
VN0313WBS01



Tgt Ion: 43 Resp: 441802
Ion Ratio Lower Upper
43 100
58 59.4 32.6 98.0

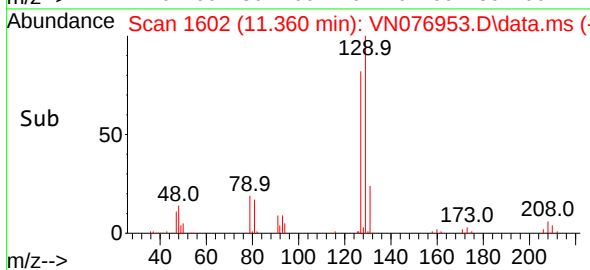
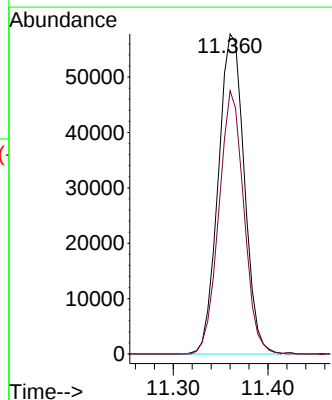
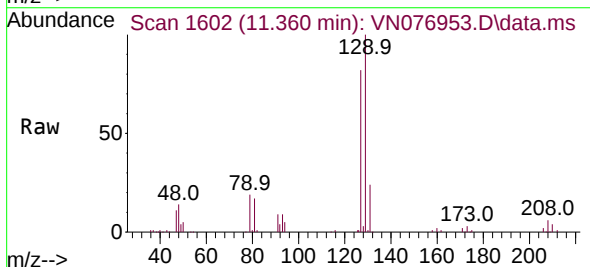
Manual Integrations
APPROVED

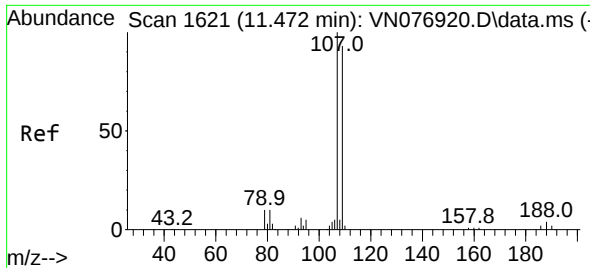
Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/14/2023



#60
Dibromochloromethane
Concen: 20.523 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VN076953.D
Acq: 13 Mar 2023 11:32

Tgt Ion:129 Resp: 110507
Ion Ratio Lower Upper
129 100
127 78.9 39.6 118.8





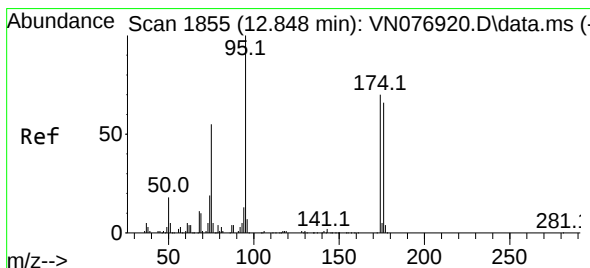
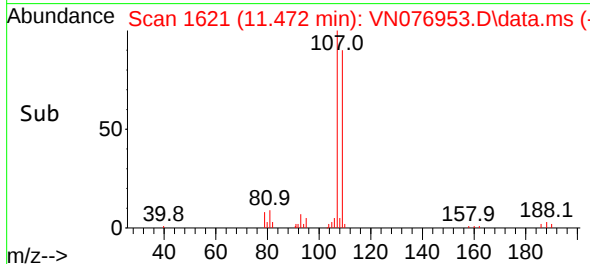
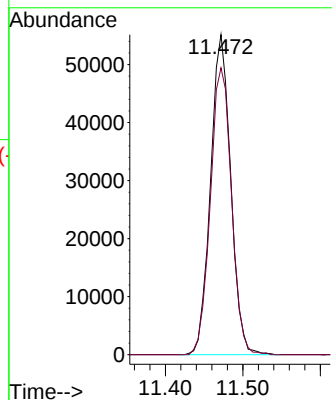
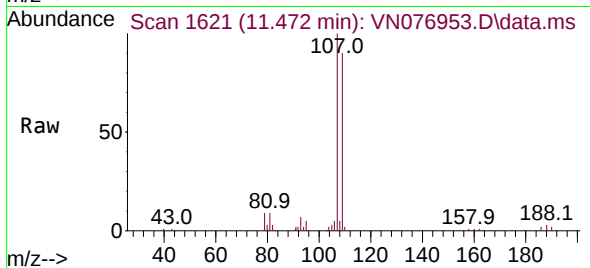
#61
1,2-Dibromoethane
Concen: 20.336 ug/l
RT: 11.472 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VN076953.D
Acq: 13 Mar 2023 11:32

Instrument :
MSVOA_N
ClientSampleId :
VN0313WBS01

Tgt Ion:107 Resp: 99614
Ion Ratio Lower Upper
107 100
109 93.9 75.9 113.9

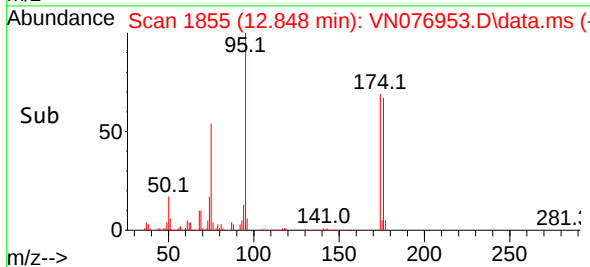
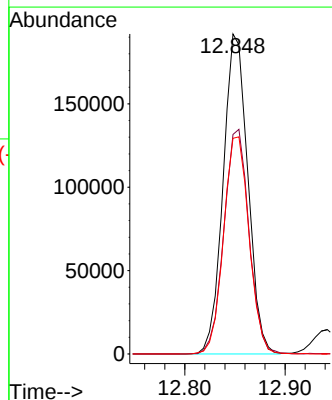
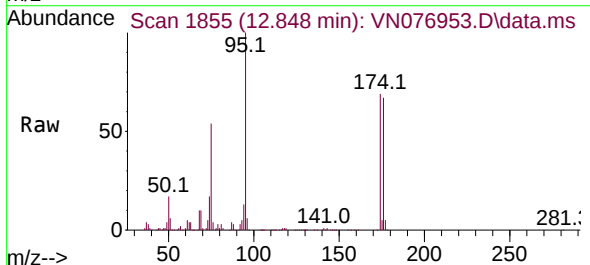
Manual Integrations
APPROVED

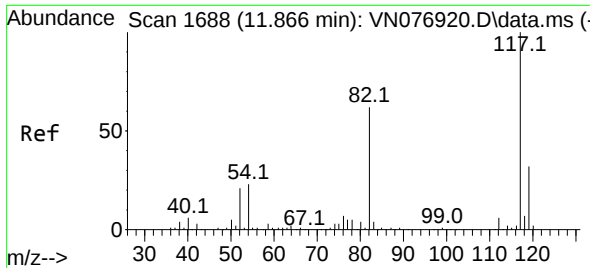
Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/14/2023



#62
4-Bromofluorobenzene
Concen: 54.226 ug/l
RT: 12.848 min Scan# 1855
Delta R.T. 0.000 min
Lab File: VN076953.D
Acq: 13 Mar 2023 11:32

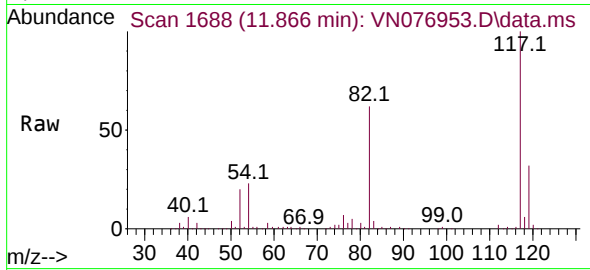
Tgt Ion: 95 Resp: 327249
Ion Ratio Lower Upper
95 100
174 71.7 0.0 162.4
176 70.0 0.0 157.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VN076953.D
Acq: 13 Mar 2023 11:32

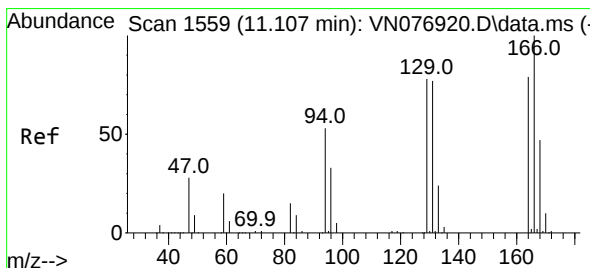
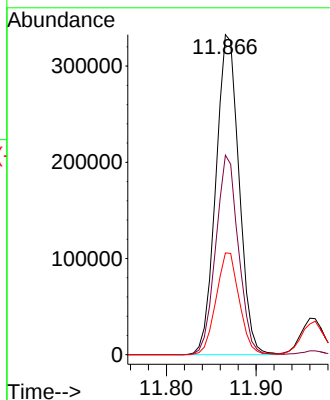
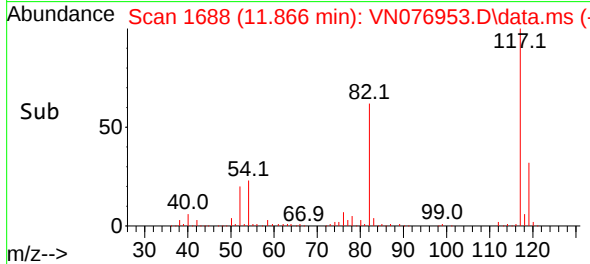
Instrument :
MSVOA_N
ClientSampleId :
VN0313WBS01



Tgt Ion:117 Resp: 59756
Ion Ratio Lower Upper
117 100
82 62.4 43.5 65.3
119 31.8 25.5 38.3

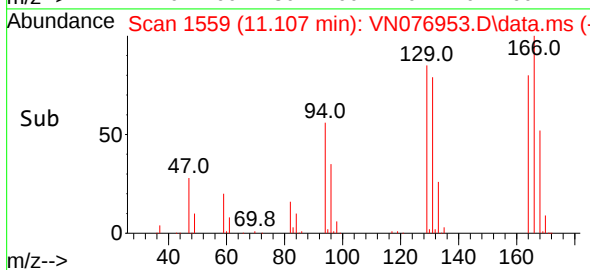
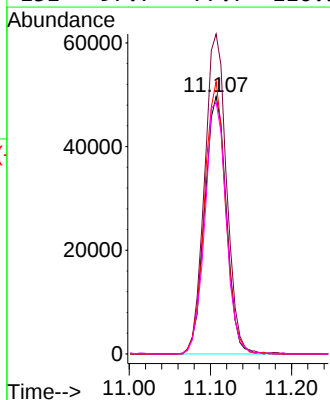
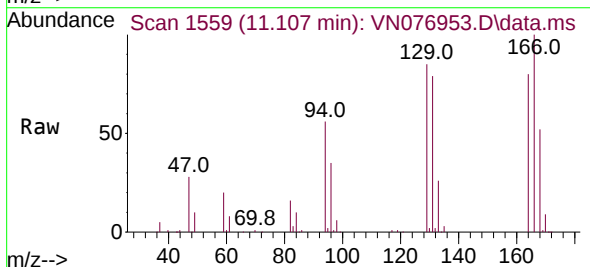
Manual Integrations
APPROVED

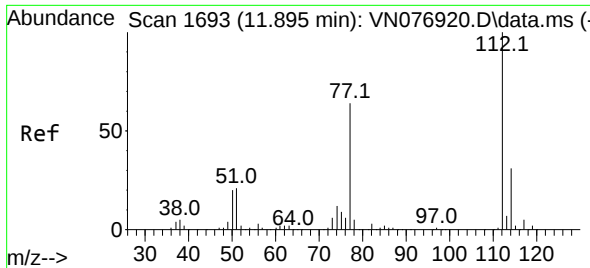
Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/14/2023



#64
Tetrachloroethene
Concen: 19.126 ug/l
RT: 11.107 min Scan# 1559
Delta R.T. -0.000 min
Lab File: VN076953.D
Acq: 13 Mar 2023 11:32

Tgt Ion:164 Resp: 92497
Ion Ratio Lower Upper
164 100
166 124.3 102.7 154.1
129 105.8 81.5 122.3
131 97.7 77.7 116.5





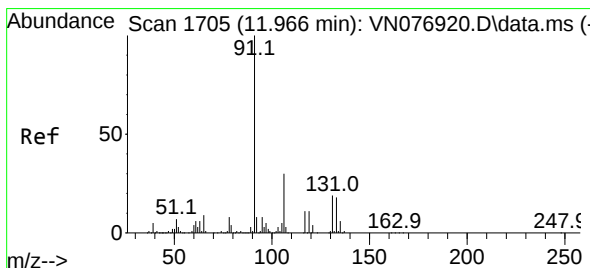
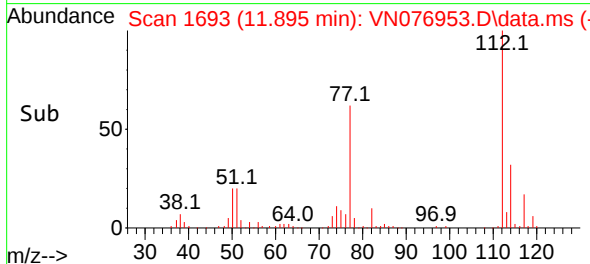
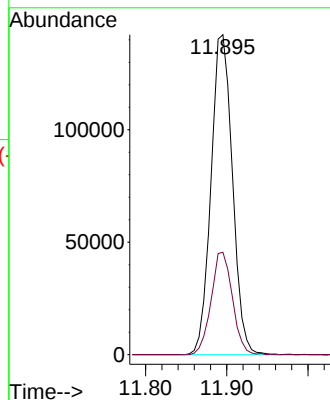
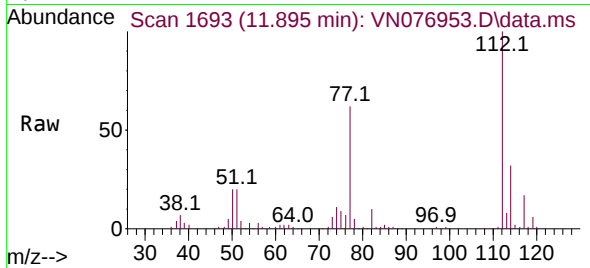
#65
Chlorobenzene
Concen: 19.529 ug/l
RT: 11.895 min Scan# 1112
Delta R.T. 0.000 min
Lab File: VN076953.D
Acq: 13 Mar 2023 11:32

Instrument :
MSVOA_N
ClientSampleId :
VN0313WBS01

Tgt Ion:112 Resp: 261034
Ion Ratio Lower Upper
112 100
114 32.0 25.8 38.8

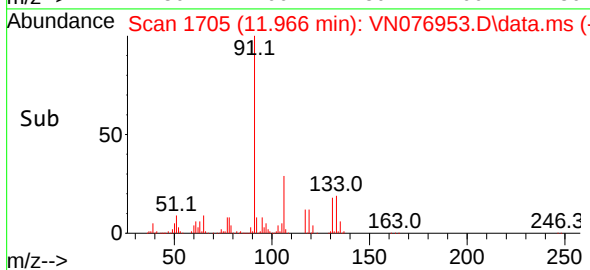
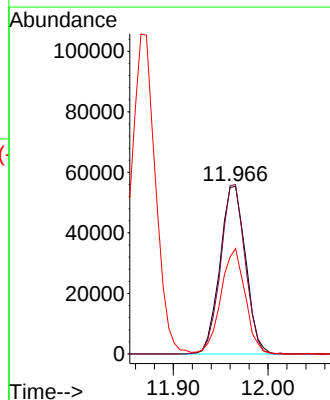
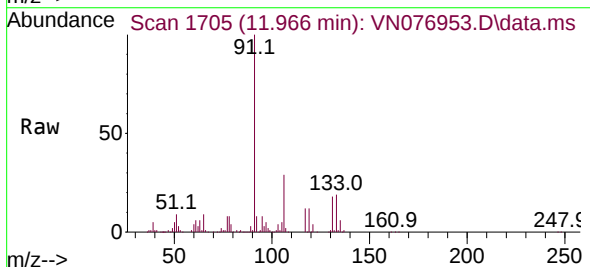
Manual Integrations
APPROVED

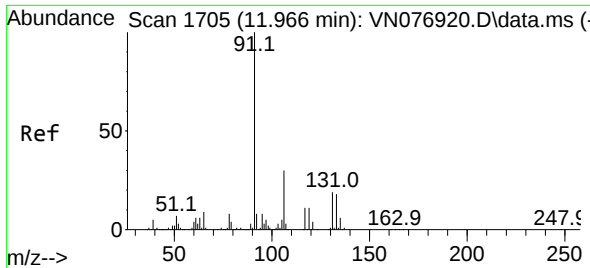
Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/14/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 20.027 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN076953.D
Acq: 13 Mar 2023 11:32

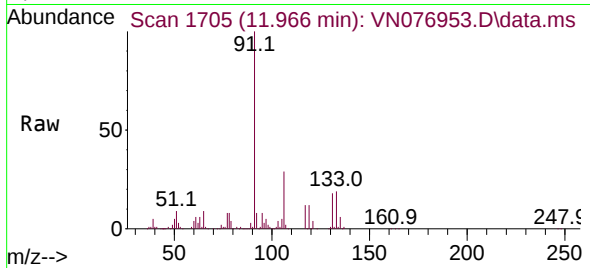
Tgt Ion:131 Resp: 104500
Ion Ratio Lower Upper
131 100
133 96.5 47.9 143.8
119 59.8 33.1 99.2





#67
Ethyl Benzene
Concen: 20.437 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN076953.D
Acq: 13 Mar 2023 11:32

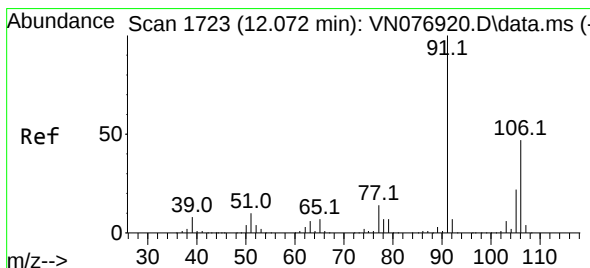
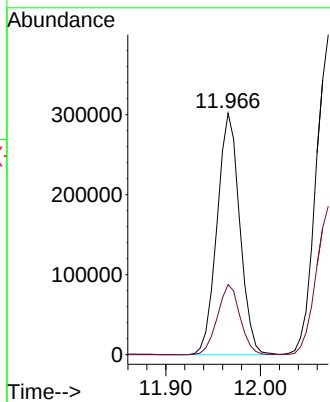
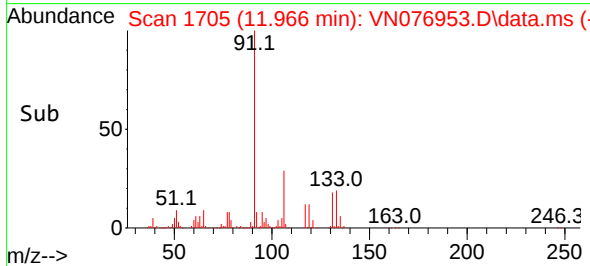
Instrument :
MSVOA_N
ClientSampleId :
VN0313WBS01



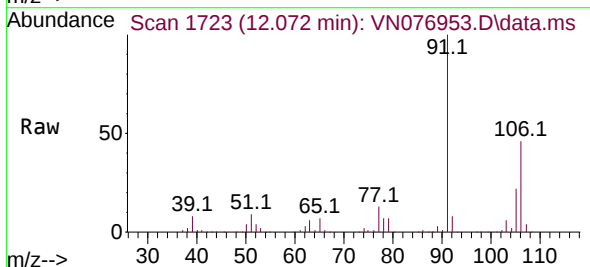
Tgt Ion: 91 Resp: 50230
Ion Ratio Lower Upper
91 100
106 29.0 25.1 37.7

Manual Integrations
APPROVED

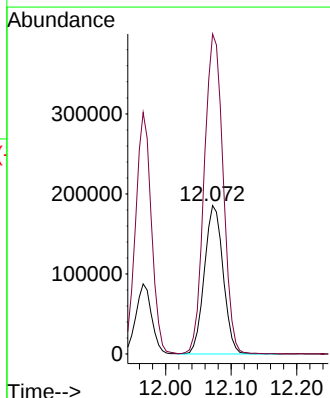
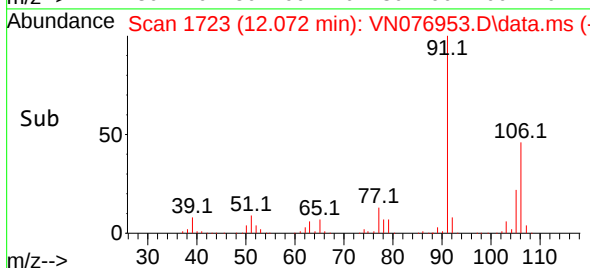
Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/14/2023

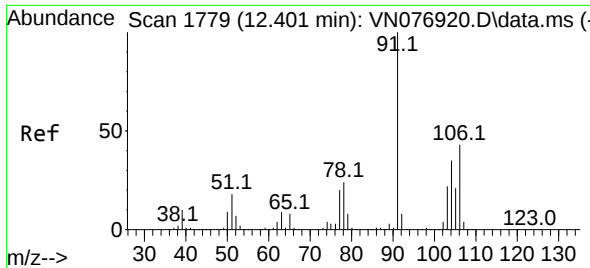


#68
m/p-Xylenes
Concen: 39.939 ug/l
RT: 12.072 min Scan# 1723
Delta R.T. -0.000 min
Lab File: VN076953.D
Acq: 13 Mar 2023 11:32



Tgt Ion:106 Resp: 368955
Ion Ratio Lower Upper
106 100
91 217.3 158.0 237.0





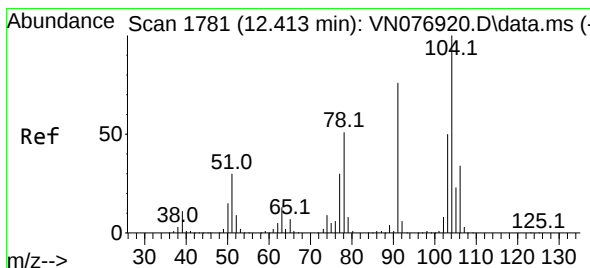
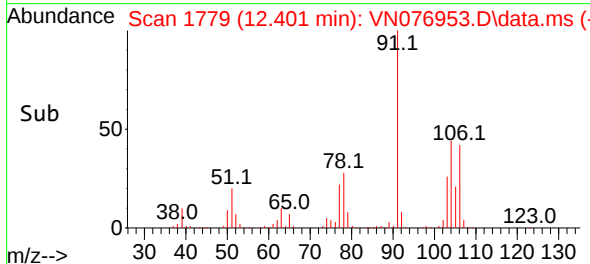
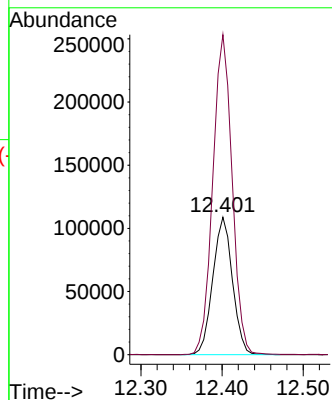
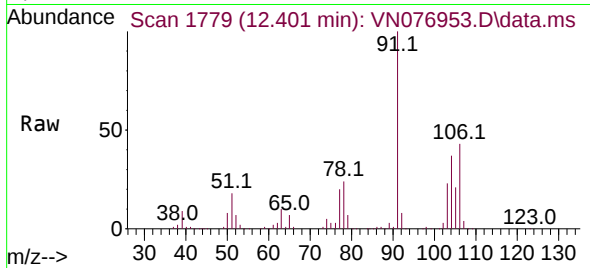
#69
o-Xylene
Concen: 20.419 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VN076953.D
Acq: 13 Mar 2023 11:32

Instrument :
MSVOA_N
ClientSampleId :
VN0313WBS01

Tgt Ion:106 Resp: 183124
Ion Ratio Lower Upper
106 100
91 229.0 101.8 305.4

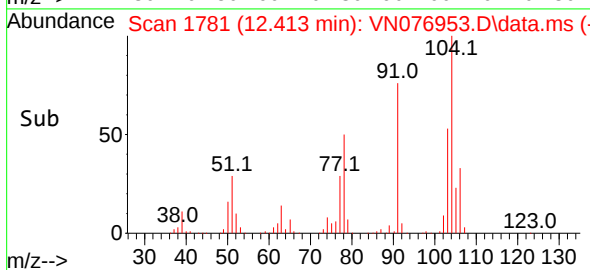
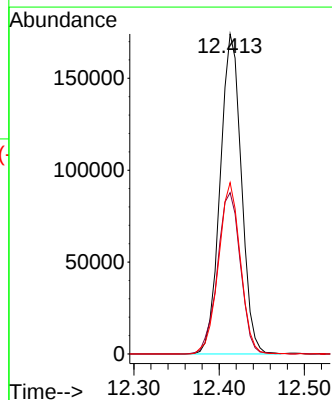
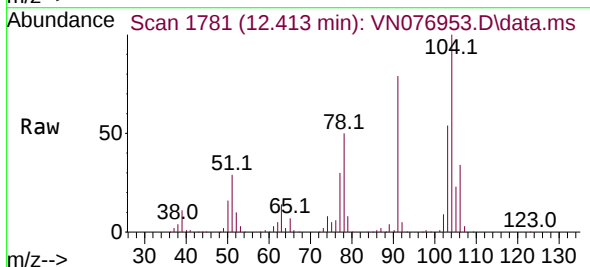
Manual Integrations
APPROVED

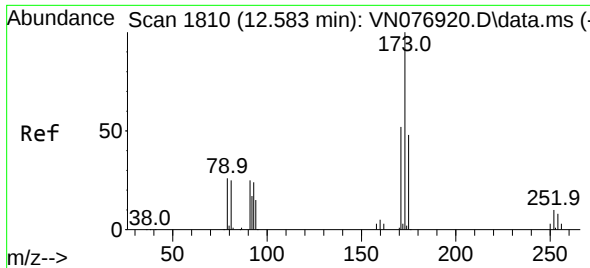
Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/14/2023



#70
Styrene
Concen: 20.770 ug/l
RT: 12.413 min Scan# 1781
Delta R.T. -0.000 min
Lab File: VN076953.D
Acq: 13 Mar 2023 11:32

Tgt Ion:104 Resp: 300934
Ion Ratio Lower Upper
104 100
78 54.6 36.6 55.0
103 55.1 43.4 65.0





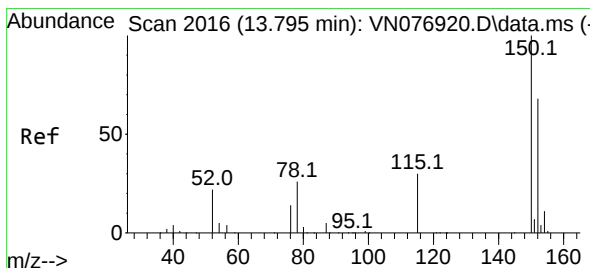
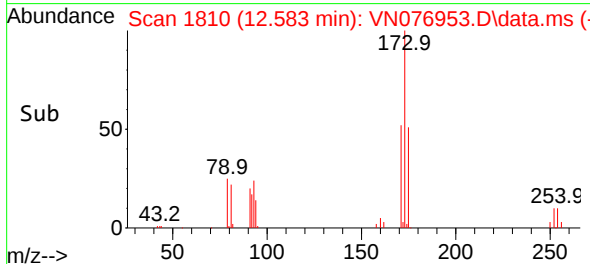
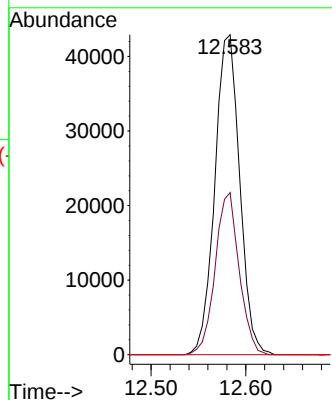
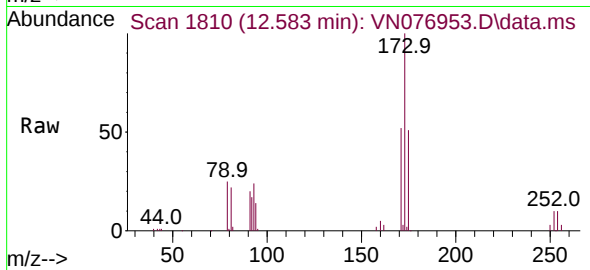
#71
Bromoform
Concen: 20.727 ug/l
RT: 12.583 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VN076953.D
Acq: 13 Mar 2023 11:32

Instrument :
MSVOA_N
ClientSampleId :
VN0313WBS01

Tgt Ion:173 Resp: 78380
Ion Ratio Lower Upper
173 100
175 48.8 24.9 74.6
254 0.0 0.0 0.0

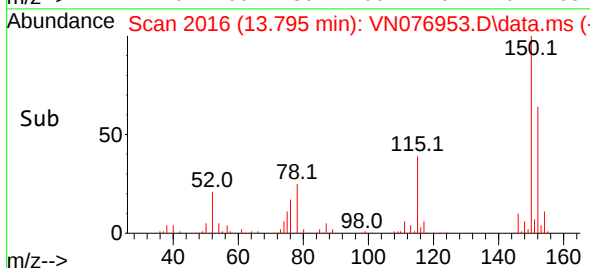
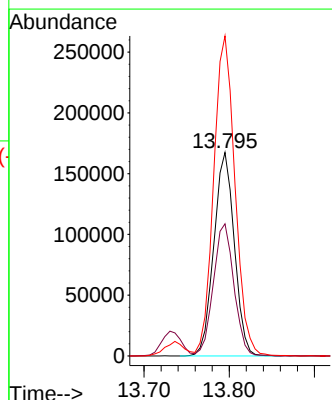
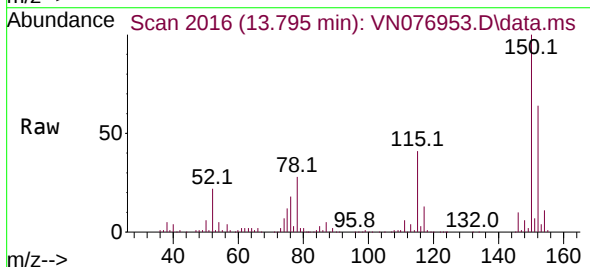
Manual Integrations
APPROVED

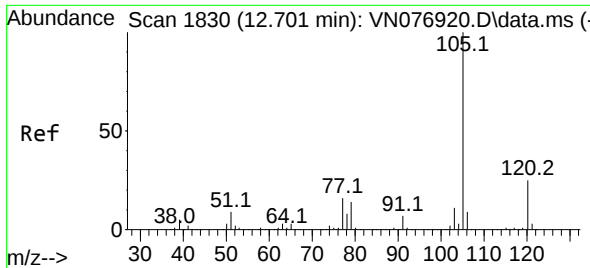
Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/14/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN076953.D
Acq: 13 Mar 2023 11:32

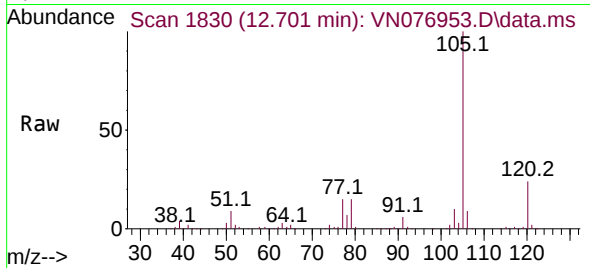
Tgt Ion:152 Resp: 279600
Ion Ratio Lower Upper
152 100
115 65.2 30.3 90.9
150 163.7 0.0 353.6





#73
Isopropylbenzene
Concen: 19.750 ug/l
RT: 12.701 min Scan# 1830
Delta R.T. -0.000 min
Lab File: VN076953.D
Acq: 13 Mar 2023 11:32

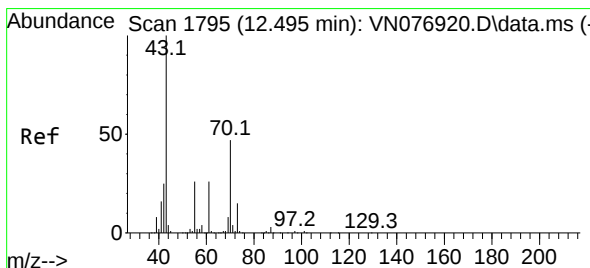
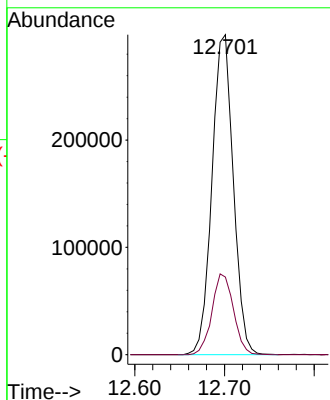
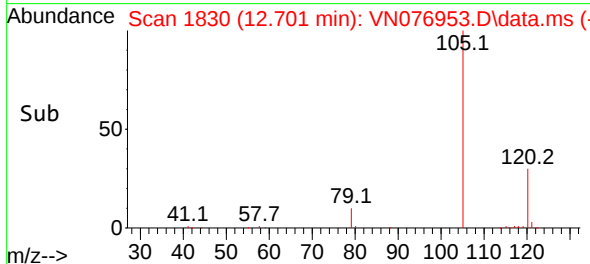
Instrument :
MSVOA_N
ClientSampleId :
VN0313WBS01



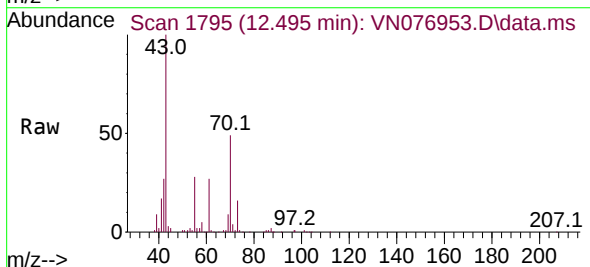
Tgt Ion:105 Resp: 49204
Ion Ratio Lower Upper
105 100
120 25.5 13.8 41.4

Manual Integrations
APPROVED

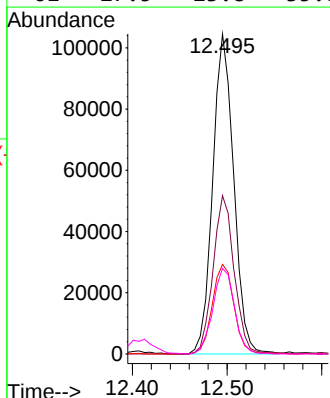
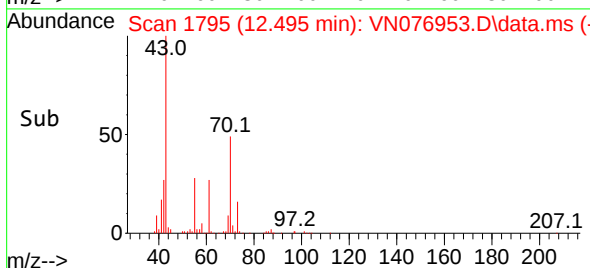
Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/14/2023

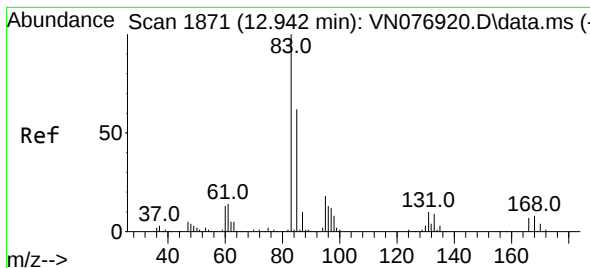


#74
N-ethyl acetate
Concen: 19.512 ug/l
RT: 12.495 min Scan# 1795
Delta R.T. 0.000 min
Lab File: VN076953.D
Acq: 13 Mar 2023 11:32



Tgt Ion: 43 Resp: 160954
Ion Ratio Lower Upper
43 100
70 49.8 46.8 70.2
55 29.0 23.4 35.2
61 27.5 23.8 35.8





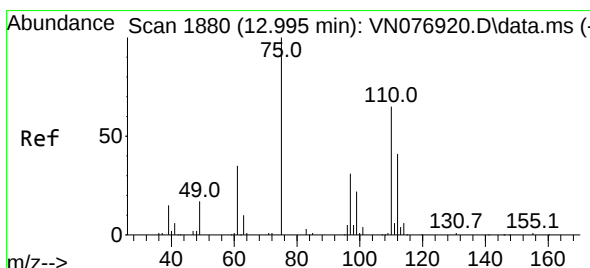
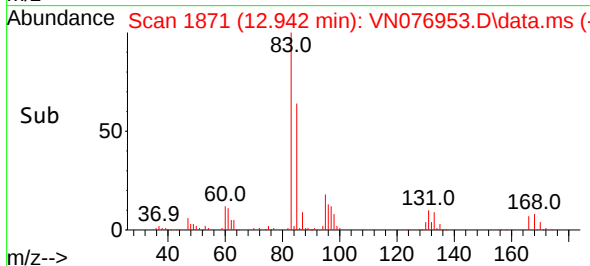
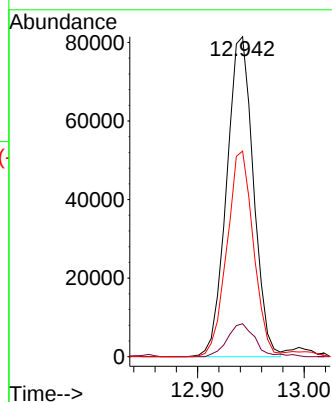
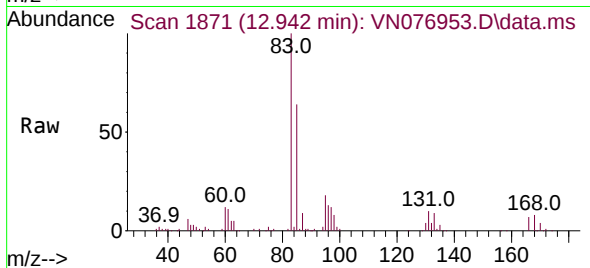
#75
1,1,2,2-Tetrachloroethane
Concen: 19.451 ug/l
RT: 12.942 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN076953.D
Acq: 13 Mar 2023 11:32

Instrument :
MSVOA_N
ClientSampleId :
VN0313WBS01

Tgt Ion: 83 Resp: 14259
Ion Ratio Lower Upper
83 100
131 10.8 5.3 16.1
85 63.6 32.0 96.0

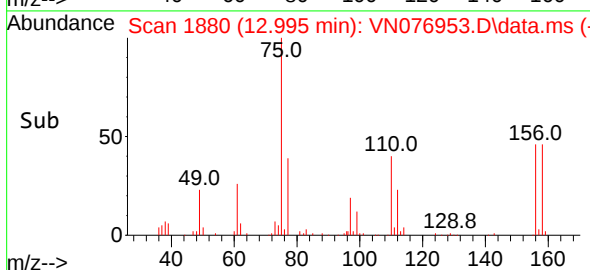
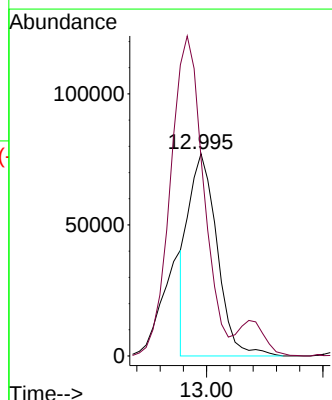
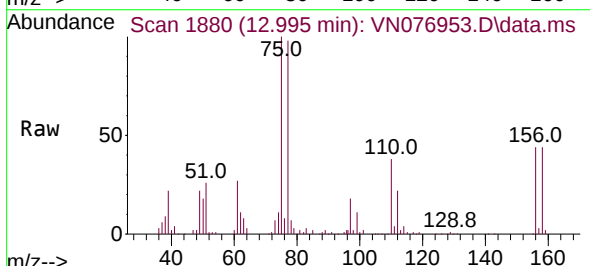
Manual Integrations
APPROVED

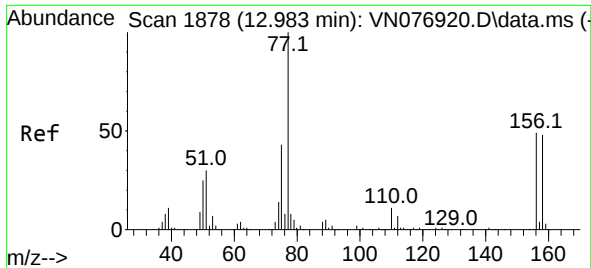
Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/14/2023



#76
1,2,3-Trichloropropane
Concen: 19.464 ug/l m
RT: 12.995 min Scan# 1880
Delta R.T. 0.000 min
Lab File: VN076953.D
Acq: 13 Mar 2023 11:32

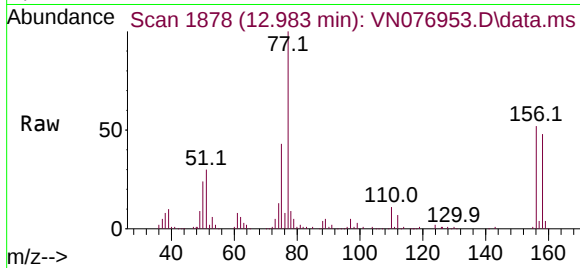
Tgt Ion: 75 Resp: 131942
Ion Ratio Lower Upper
75 100
77 182.6 93.8 281.4





#77
Bromobenzene
Concen: 19.598 ug/l
RT: 12.983 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VN076953.D
Acq: 13 Mar 2023 11:32

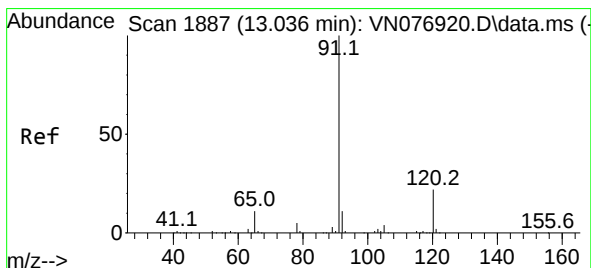
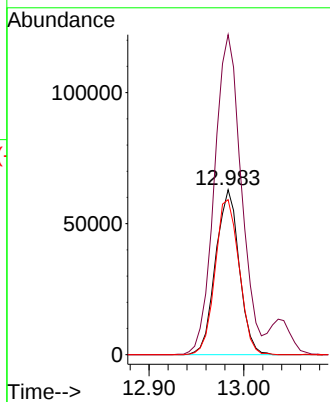
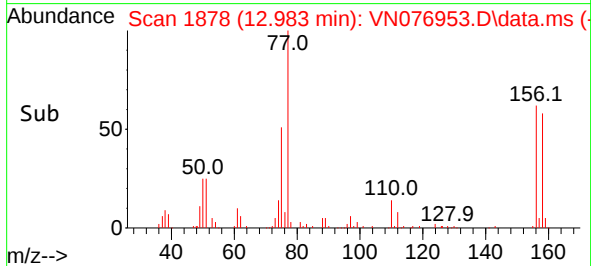
Instrument :
MSVOA_N
ClientSampleId :
VN0313WBS01



Tgt Ion:156 Resp: 10915
Ion Ratio Lower Upper
156 100
77 220.7 101.3 303.7
158 95.7 48.9 146.7

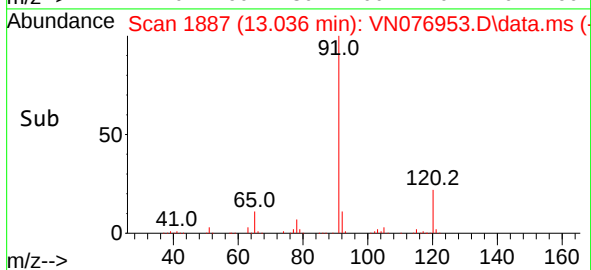
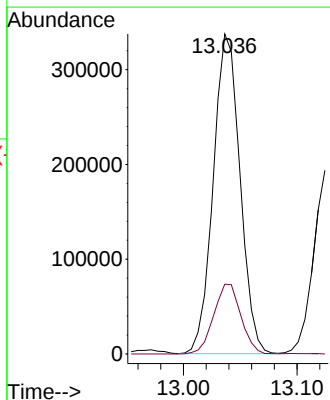
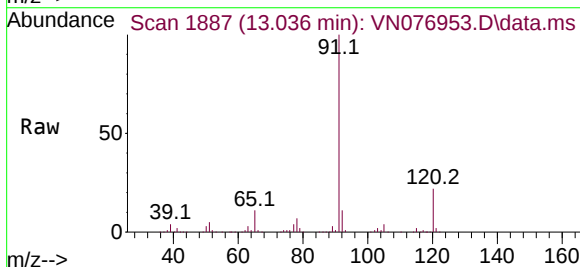
Manual Integrations
APPROVED

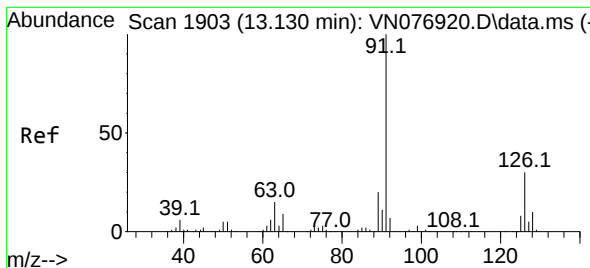
Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/14/2023



#78
n-propylbenzene
Concen: 19.917 ug/l
RT: 13.036 min Scan# 1887
Delta R.T. 0.000 min
Lab File: VN076953.D
Acq: 13 Mar 2023 11:32

Tgt Ion: 91 Resp: 552580
Ion Ratio Lower Upper
91 100
120 22.2 11.9 35.7





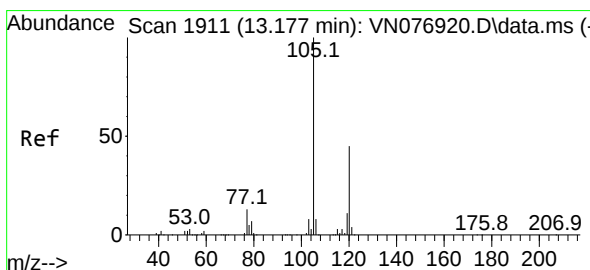
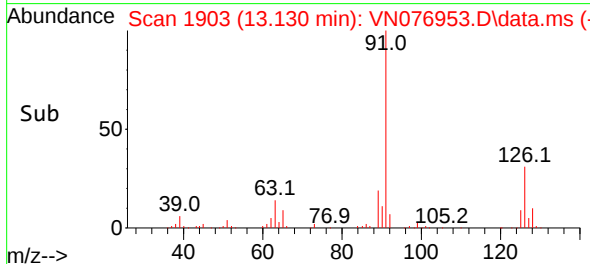
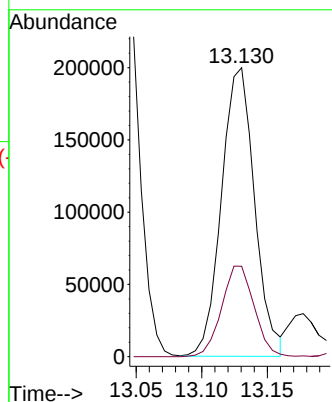
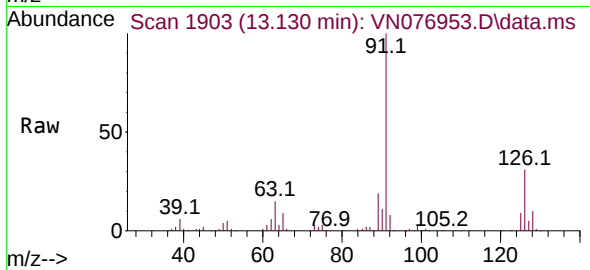
#79
2-Chlorotoluene
Concen: 19.554 ug/l
RT: 13.130 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VN076953.D
Acq: 13 Mar 2023 11:32

Instrument :
MSVOA_N
ClientSampleId :
VN0313WBS01

Tgt Ion: 91 Resp: 351795
Ion Ratio Lower Upper
91 100
126 30.9 17.7 53.1

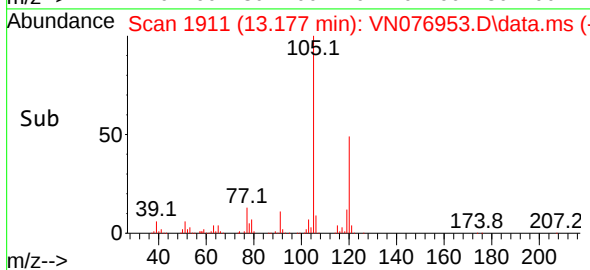
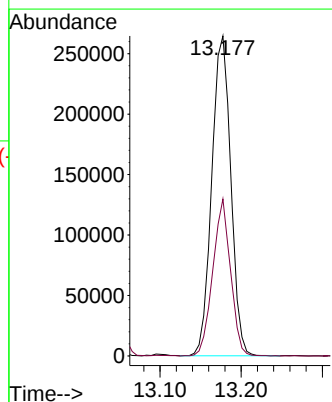
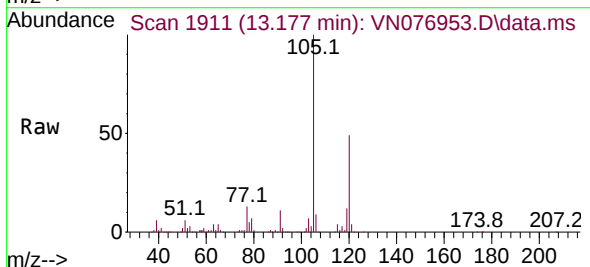
Manual Integrations
APPROVED

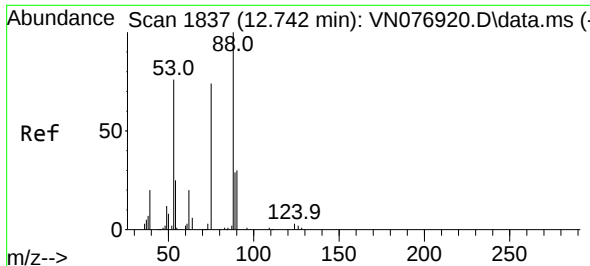
Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/14/2023



#80
1,3,5-Trimethylbenzene
Concen: 20.264 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VN076953.D
Acq: 13 Mar 2023 11:32

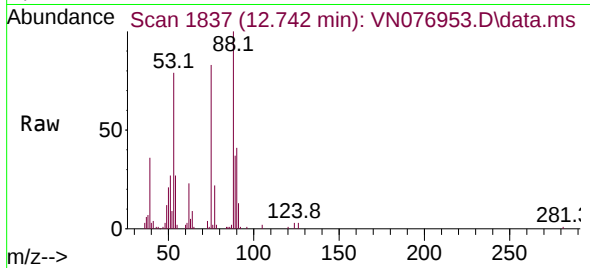
Tgt Ion:105 Resp: 430065
Ion Ratio Lower Upper
105 100
120 45.8 25.2 75.6





#81
trans-1,4-Dichloro-2-butene
Concen: 23.462 ug/l
RT: 12.742 min Scan# 1837
Delta R.T. 0.000 min
Lab File: VN076953.D
Acq: 13 Mar 2023 11:32

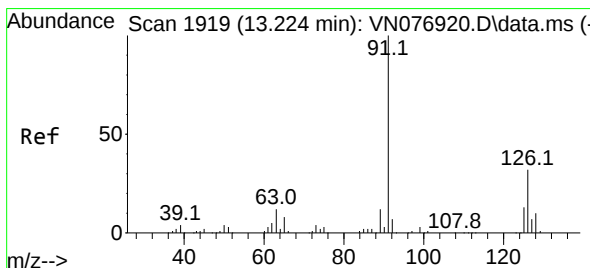
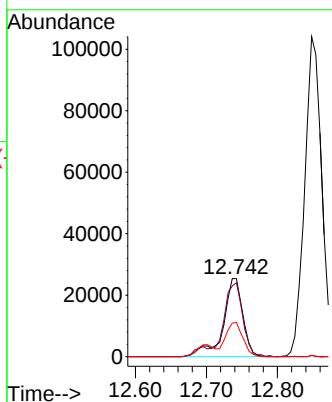
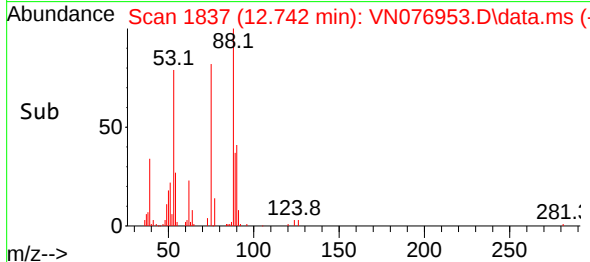
Instrument :
MSVOA_N
ClientSampleId :
VN0313WBS01



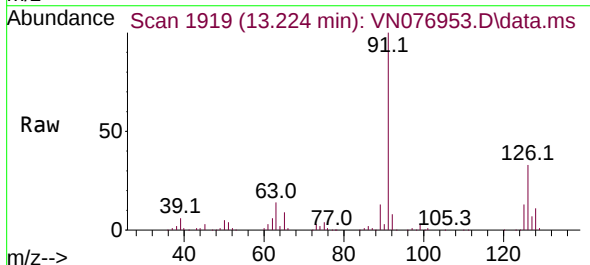
Tgt Ion: 75 Resp: 48689
Ion Ratio Lower Upper
75 100
53 90.1 67.4 101.0
89 39.3 39.5 59.3

Manual Integrations
APPROVED

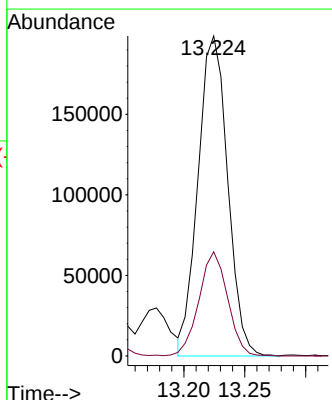
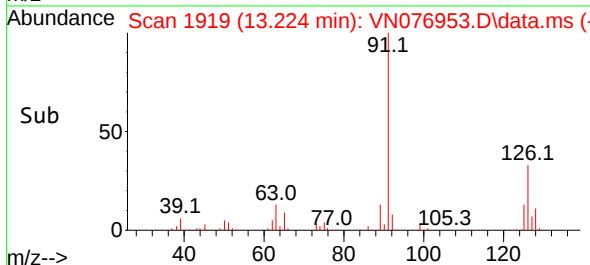
Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/14/2023

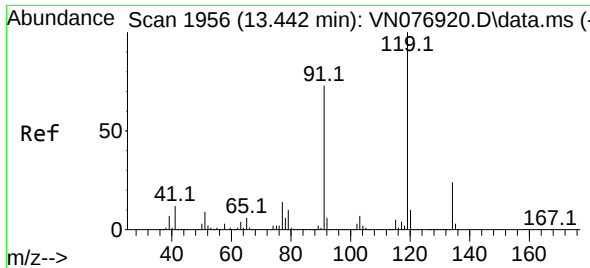


#82
4-Chlorotoluene
Concen: 19.780 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VN076953.D
Acq: 13 Mar 2023 11:32



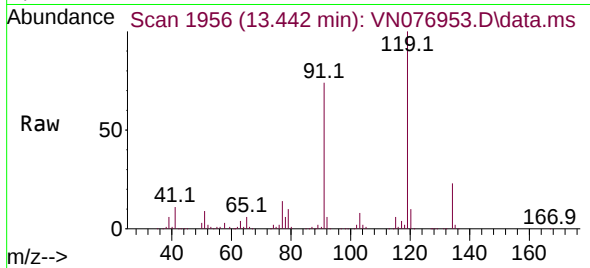
Tgt Ion: 91 Resp: 336269
Ion Ratio Lower Upper
91 100
126 31.5 18.0 54.0





#83
tert-Butylbenzene
Concen: 20.029 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VN076953.D
Acq: 13 Mar 2023 11:32

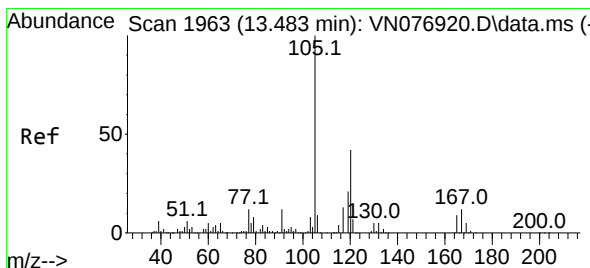
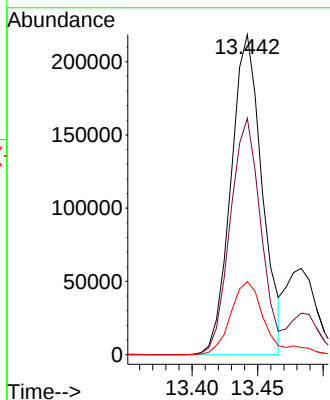
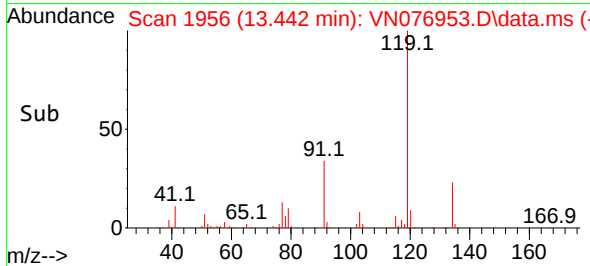
Instrument :
MSVOA_N
ClientSampleId :
VN0313WBS01



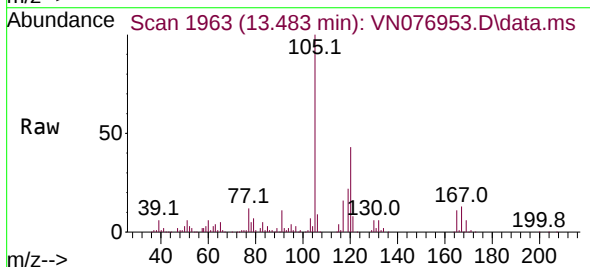
Tgt Ion:119 Resp: 361118
Ion Ratio Lower Upper
119 100
91 74.1 31.9 95.5
134 25.4 13.8 41.4

Manual Integrations
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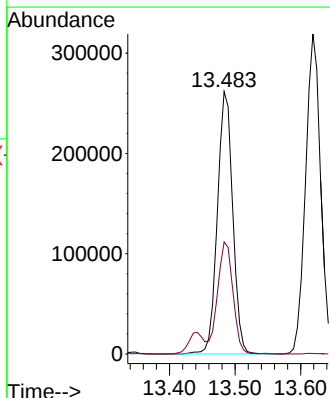
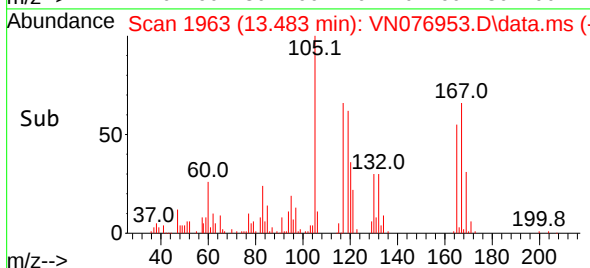
Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/14/2023

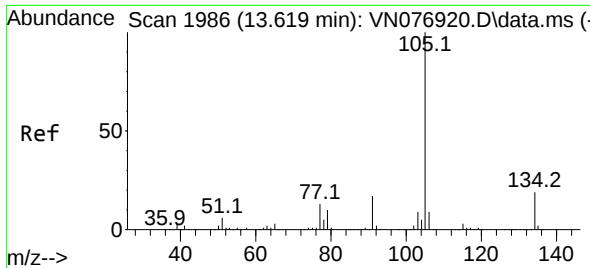


#84
1,2,4-Trimethylbenzene
Concen: 19.937 ug/l
RT: 13.483 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VN076953.D
Acq: 13 Mar 2023 11:32



Tgt Ion:105 Resp: 423328
Ion Ratio Lower Upper
105 100
120 43.3 23.6 70.8





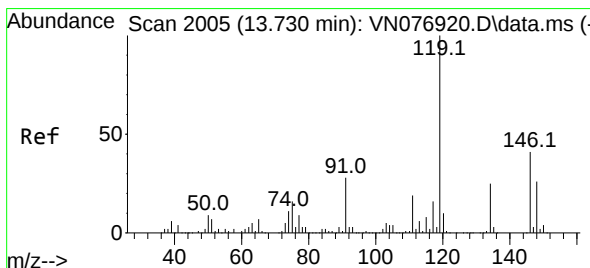
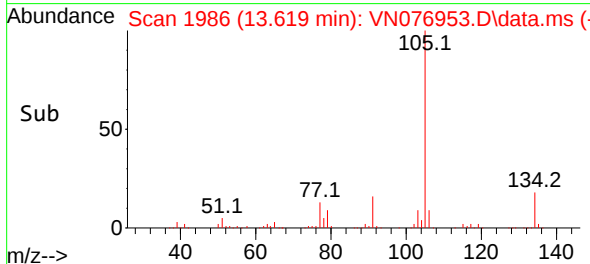
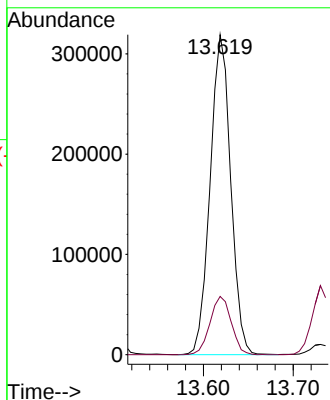
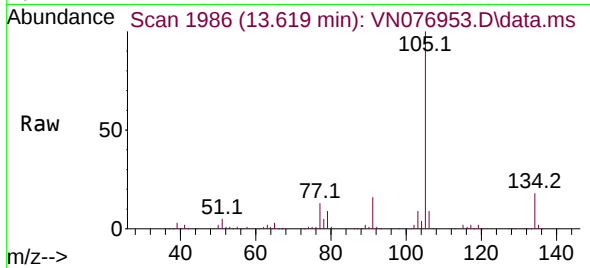
#85
 sec-Butylbenzene
 Concen: 20.566 ug/l
 RT: 13.619 min Scan# 1986
 Delta R.T. -0.000 min
 Lab File: VN076953.D
 Acq: 13 Mar 2023 11:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0313WBS01

Tgt Ion:105 Resp: 50826
 Ion Ratio Lower Upper
 105 100
 134 18.7 10.4 31.2

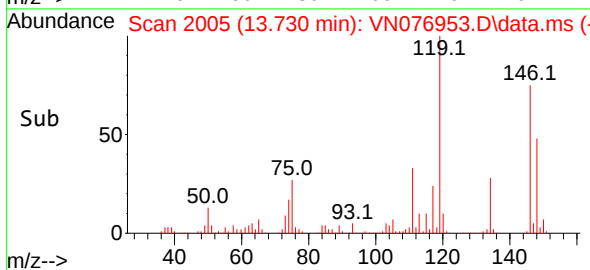
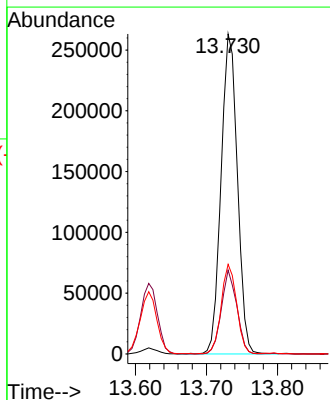
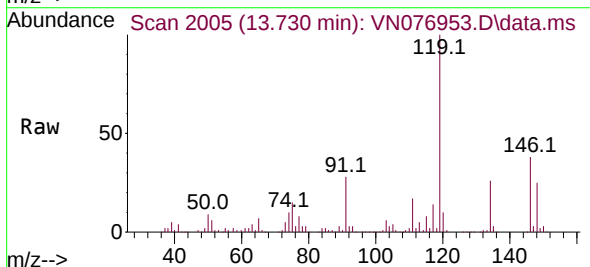
Manual Integrations
 APPROVED

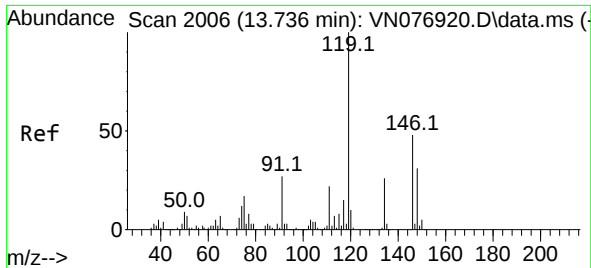
Reviewed By :John Carlone 03/14/2023
 Supervised By :Mahesh Dadoda 03/14/2023



#86
 p-Isopropyltoluene
 Concen: 20.970 ug/l
 RT: 13.730 min Scan# 2005
 Delta R.T. 0.000 min
 Lab File: VN076953.D
 Acq: 13 Mar 2023 11:32

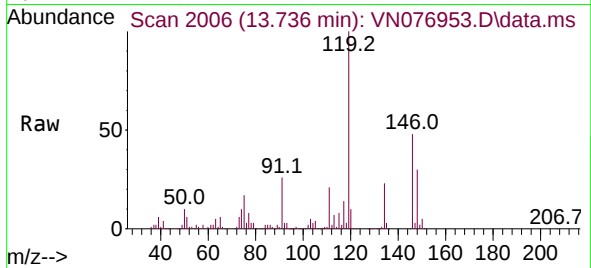
Tgt Ion:119 Resp: 418509
 Ion Ratio Lower Upper
 119 100
 134 24.7 13.5 40.5
 91 26.6 11.2 33.6





#87
1,3-Dichlorobenzene
Concen: 19.409 ug/l
RT: 13.736 min Scan# 2006
Delta R.T. 0.000 min
Lab File: VN076953.D
Acq: 13 Mar 2023 11:32

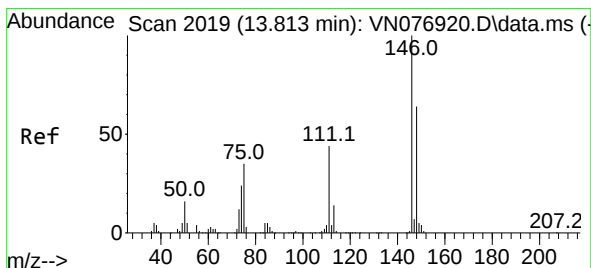
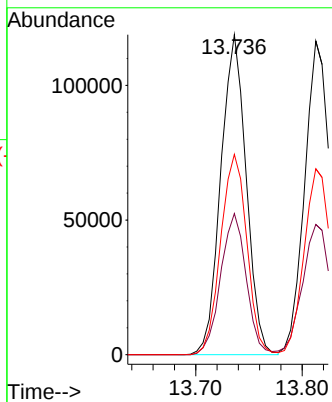
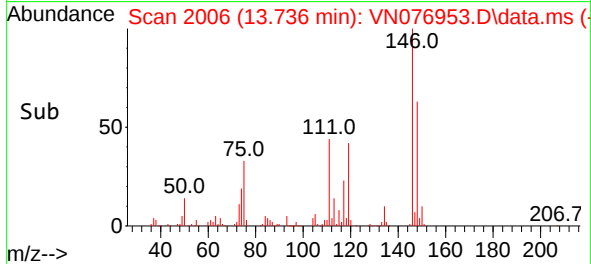
Instrument :
MSVOA_N
ClientSampleId :
VN0313WBS01



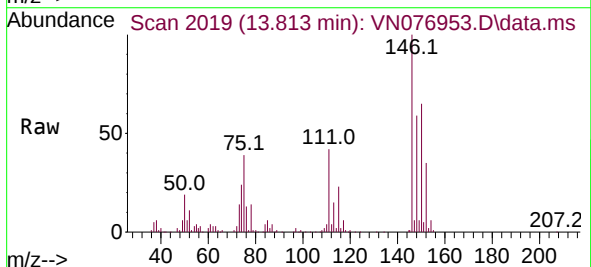
Tgt Ion:146 Resp: 19702
Ion Ratio Lower Upper
146 100
111 44.3 20.4 61.2
148 64.4 31.5 94.5

Manual Integrations
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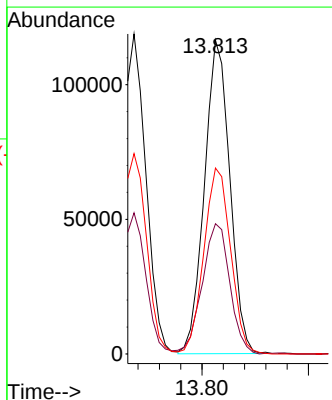
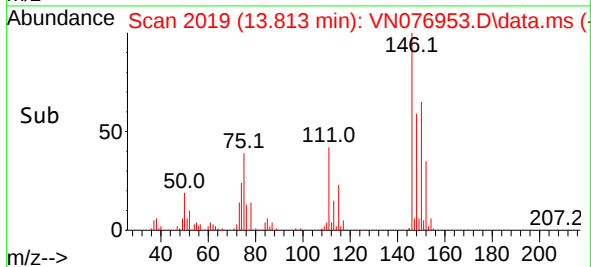
Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/14/2023

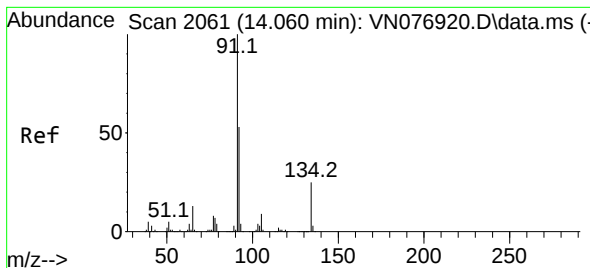


#88
1,4-Dichlorobenzene
Concen: 18.984 ug/l
RT: 13.813 min Scan# 2019
Delta R.T. -0.000 min
Lab File: VN076953.D
Acq: 13 Mar 2023 11:32



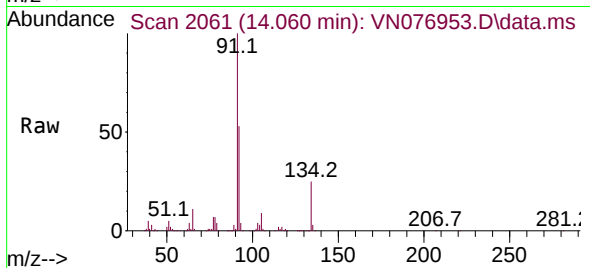
Tgt Ion:146 Resp: 193313
Ion Ratio Lower Upper
146 100
111 44.7 20.0 60.0
148 62.6 31.8 95.4





#89
n-Butylbenzene
Concen: 20.105 ug/l
RT: 14.060 min Scan# 2061
Delta R.T. -0.000 min
Lab File: VN076953.D
Acq: 13 Mar 2023 11:32

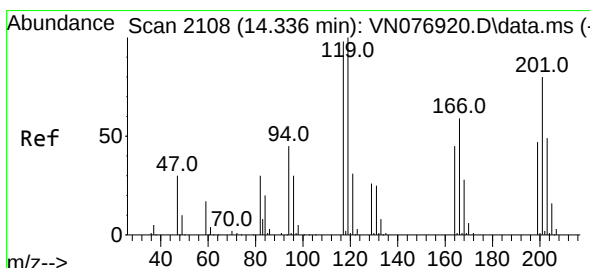
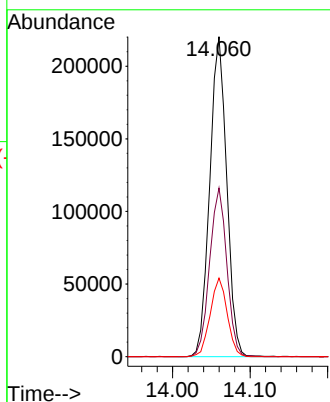
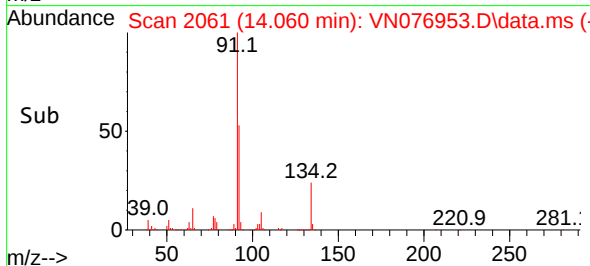
Instrument :
MSVOA_N
ClientSampleId :
VN0313WBS01



Tgt Ion: 91 Resp: 33483
Ion Ratio Lower Upper
91 100
92 53.5 26.6 79.7
134 24.6 13.6 40.7

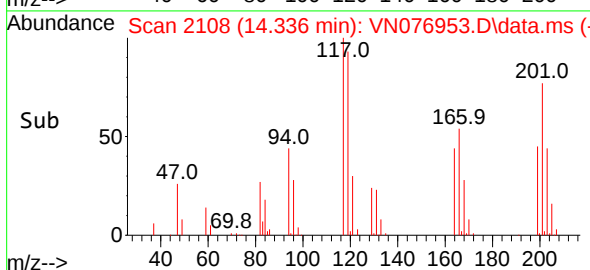
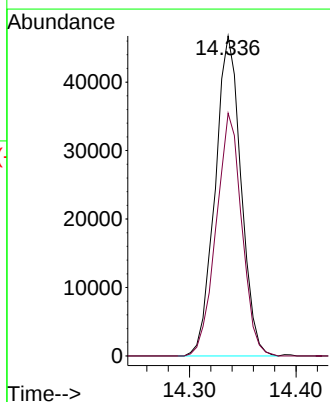
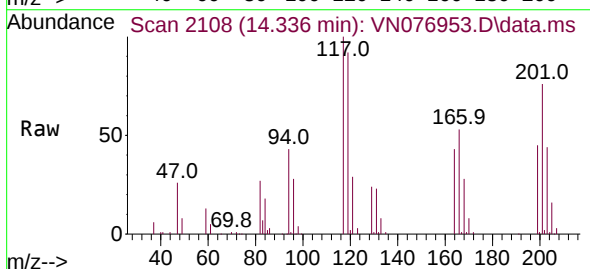
Manual Integrations
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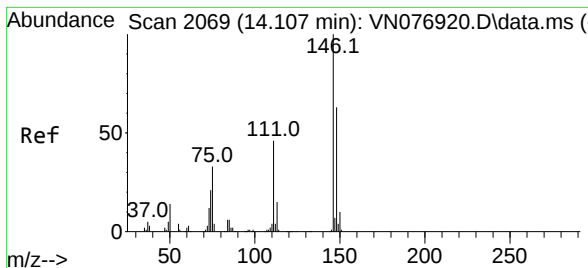
Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/14/2023



#90
Hexachloroethane
Concen: 20.599 ug/l
RT: 14.336 min Scan# 2108
Delta R.T. 0.000 min
Lab File: VN076953.D
Acq: 13 Mar 2023 11:32

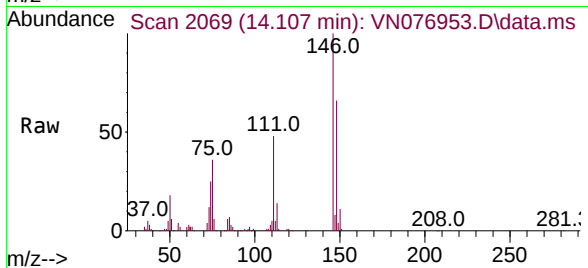
Tgt Ion:117 Resp: 78995
Ion Ratio Lower Upper
117 100
201 74.9 31.9 95.7





#91
1,2-Dichlorobenzene
Concen: 19.134 ug/l
RT: 14.107 min Scan# 2069
Delta R.T. -0.000 min
Lab File: VN076953.D
Acq: 13 Mar 2023 11:32

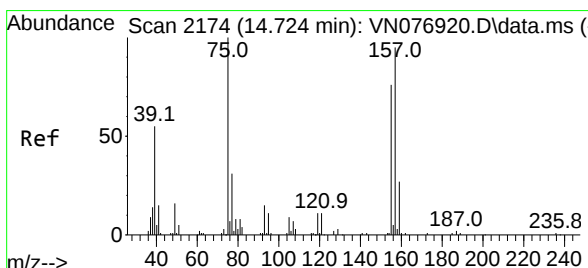
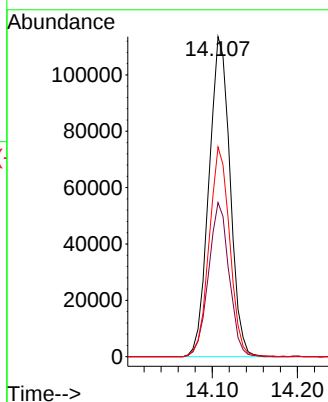
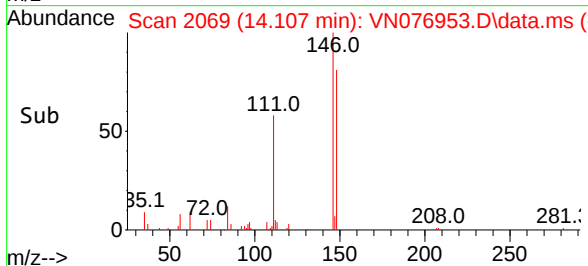
Instrument :
MSVOA_N
ClientSampleId :
VN0313WBS01



Tgt Ion:146 Resp: 19511
Ion Ratio Lower Upper
146 100
111 47.0 21.4 64.2
148 63.9 32.0 96.0

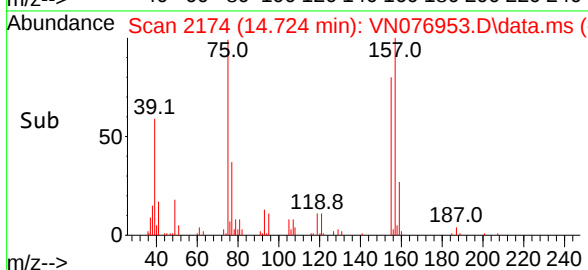
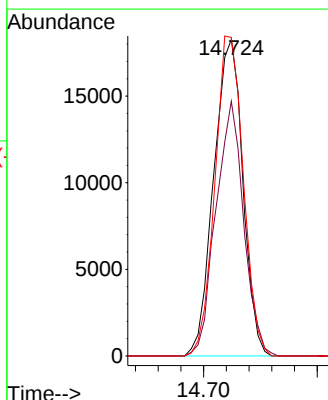
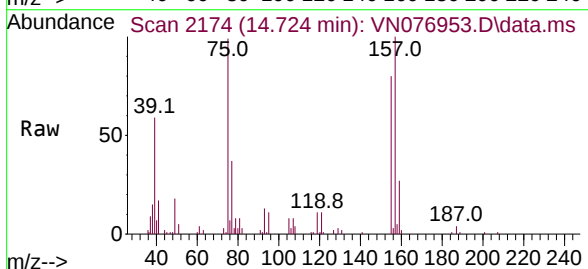
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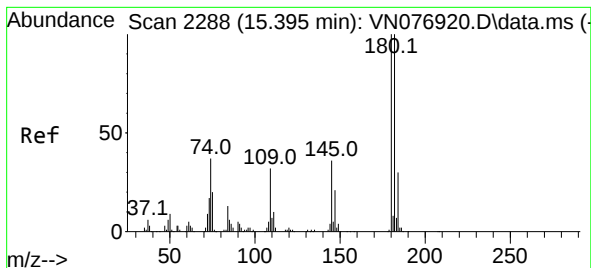
Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/14/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.996 ug/l
RT: 14.724 min Scan# 2174
Delta R.T. 0.000 min
Lab File: VN076953.D
Acq: 13 Mar 2023 11:32

Tgt Ion: 75 Resp: 32364
Ion Ratio Lower Upper
75 100
155 77.1 44.3 132.8
157 98.8 58.3 174.8





#93

1,2,4-Trichlorobenzene

Concen: 19.925 ug/l

RT: 15.395 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN076953.D

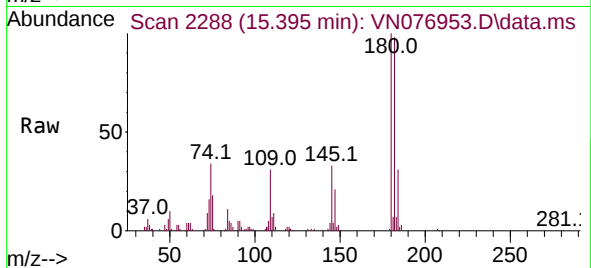
Acq: 13 Mar 2023 11:32

Instrument :

MSVOA_N

ClientSampleId :

VN0313WBS01



Tgt Ion:180 Resp: 11294

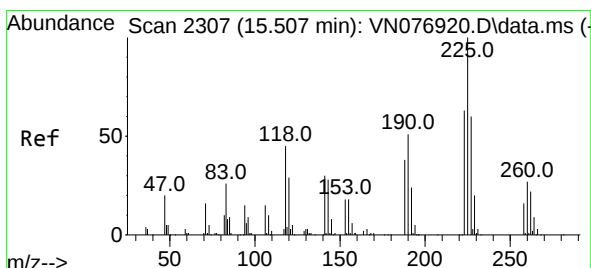
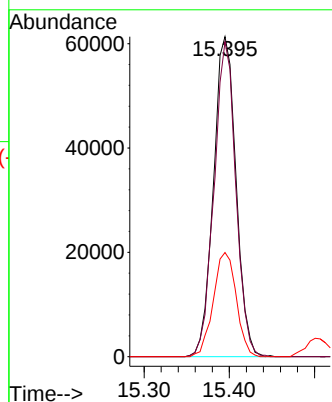
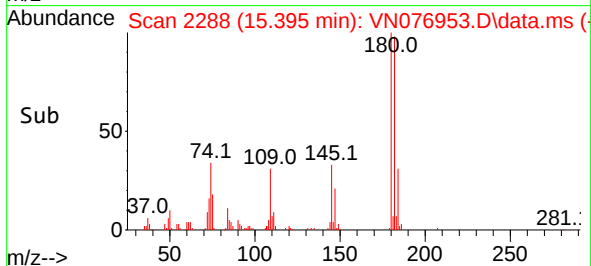
Ion	Ratio	Lower	Upper
180	100		
182	94.9	47.4	142.2
145	33.2	15.8	47.3

Manual Integrations

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Reviewed By :John Carlone 03/14/2023

Supervised By :Mahesh Dadoda 03/14/2023



#94

Hexachlorobutadiene

Concen: 20.763 ug/l

RT: 15.507 min Scan# 2307

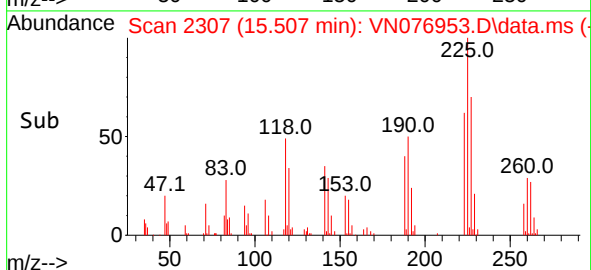
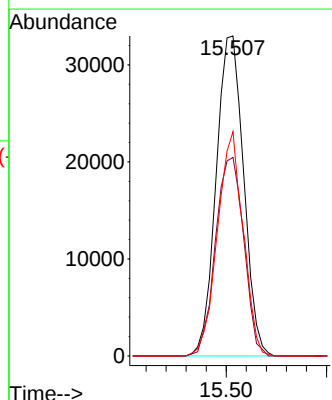
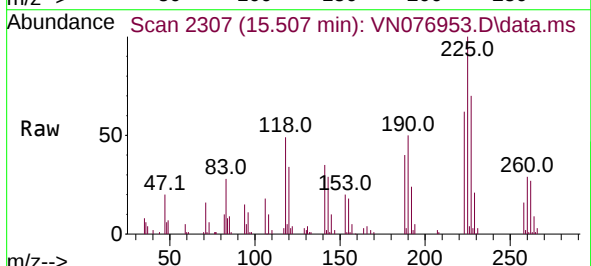
Delta R.T. -0.000 min

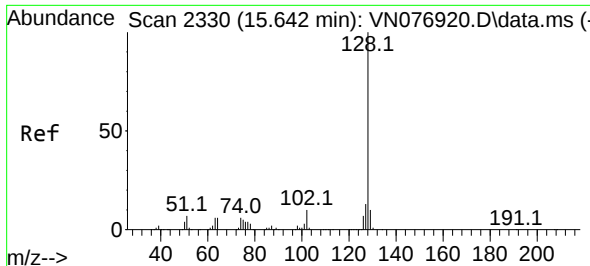
Lab File: VN076953.D

Acq: 13 Mar 2023 11:32

Tgt Ion:225 Resp: 62704

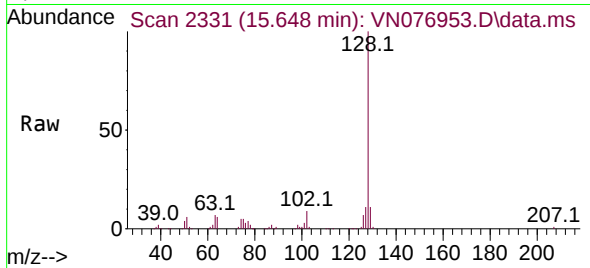
Ion	Ratio	Lower	Upper
225	100		
223	63.7	31.4	94.0
227	65.5	30.9	92.7





#95
Naphthalene
Concen: 20.939 ug/l
RT: 15.648 min Scan# 2331
Delta R.T. 0.006 min
Lab File: VN076953.D
Acq: 13 Mar 2023 11:32

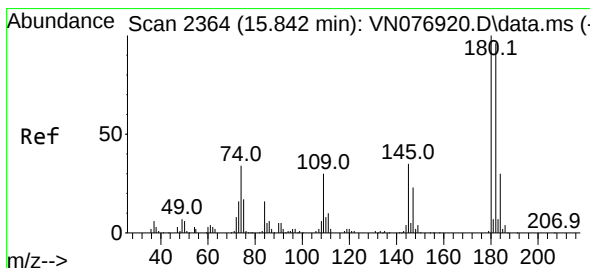
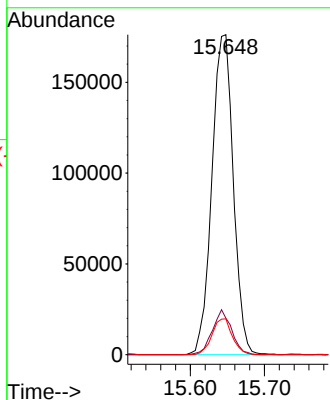
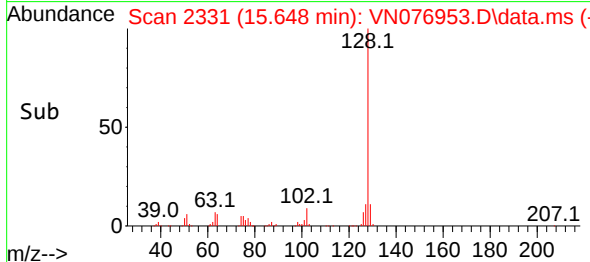
Instrument :
MSVOA_N
ClientSampleId :
VN0313WBS01



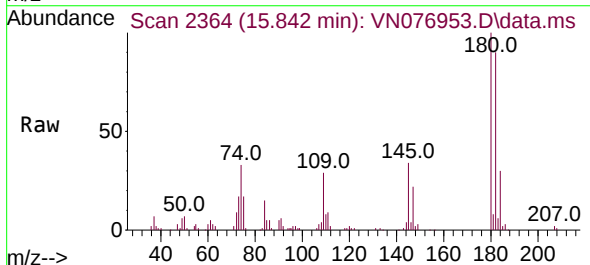
Tgt Ion:128 Resp: 35335
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.4
129 10.6 8.9 13.3

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Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/14/2023



#96
1,2,3-Trichlorobenzene
Concen: 20.444 ug/l
RT: 15.842 min Scan# 2364
Delta R.T. -0.000 min
Lab File: VN076953.D
Acq: 13 Mar 2023 11:32



Tgt Ion:180 Resp: 112526
Ion Ratio Lower Upper
180 100
182 95.6 47.7 143.1
145 35.3 17.0 51.0

