

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052622\
 Data File : VN072638.D
 Acq On : 26 May 2022 19:29
 Operator : JC\MD
 Sample : VN0526WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0526WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/31/2022
 Supervised By : Mahesh Dadoda 05/31/2022

Quant Time: May 27 11:47:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N052622W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri May 27 05:07:24 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.651	128	32020	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.963	114	177592	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.739	117	158326	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.434	65	86199	28.133	ug/l	0.00
Spiked Amount 30.000	Range	91 - 110	Recovery	=	93.767%	
60) 4-Bromofluorobenzene	12.727	95	82571	29.696	ug/l	0.00
Spiked Amount 30.000	Range	63 - 112	Recovery	=	99.000%	
63) Toluene-d8	10.439	98	277356	30.809	ug/l	0.00
Spiked Amount 30.000	Range	91 - 112	Recovery	=	102.700%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.069	85	41956	19.176	ug/l	97
3) Chloromethane	2.299	50	49410	16.841	ug/l	90
4) Vinyl Chloride	2.440	62	41546	16.937	ug/l	95
5) Bromomethane	2.846	94	20751	17.397	ug/l	93
6) Chloroethane	3.016	64	25638	16.706	ug/l	98
7) Trichlorofluoromethane	3.369	101	68250	19.416	ug/l	97
8) Diethyl Ether	3.822	74	29298	19.864	ug/l	86
9) 1,1,2-Trichlorotrifluo...	4.204	101	40441	20.595	ug/l #	70
10) 1,1-Dichloroethene	4.181	96	39921	20.703	ug/l	96
11) Methyl Iodide	4.422	142	37792	20.470	ug/l	99
12) Methyl Acetate	4.851	43	75774	20.024	ug/l #	89
13) Acrolein	4.040	56	44899	103.602	ug/l	99
14) Acrylonitrile	5.545	53	168327	103.264	ug/l	96
15) Acetone	4.281	58	42923	102.289	ug/l	91
16) Carbon Disulfide	4.528	76	105258	19.902	ug/l	99
17) Allyl chloride	4.834	41	79887	19.941	ug/l	80
18) Methylene Chloride	5.093	84	50198	19.801	ug/l	93
19) trans-1,2-Dichloroethene	5.593	96	42928	20.354	ug/l	98
20) Diisopropyl ether	6.492	45	173603	18.900	ug/l	89
21) 1,1-Dichloroethane	6.387	63	89610	19.166	ug/l	98
22) cis-1,2-Dichloroethene	7.322	96	52798	19.710	ug/l	99
23) tert-Butyl Alcohol	5.357	59	55373	101.204	ug/l #	100
24) Methyl tert-Butyl Ether	5.610	73	148955	20.107	ug/l	93
25) Chloroform	7.816	83	87345	18.388	ug/l	96
26) Cyclohexane	8.092	56	77409	17.554	ug/l #	93
29) 1,1-Dichloropropene	8.222	75	63965	19.045	ug/l	97
30) 2-Butanone	7.328	43	231680	102.441	ug/l	95
31) 2,2-Dichloropropane	7.322	77	67602	19.874	ug/l	100
32) 1,1,1-Trichloroethane	8.010	97	73144	19.632	ug/l	97
33) Carbon Tetrachloride	8.204	117	62569	18.913	ug/l	97
34) Benzene	8.457	78	204733	19.392	ug/l	97
35) Methacrylonitrile	7.628	41	47327	20.516	ug/l	89
36) 1,2-Dichloroethane	8.528	62	68214	19.884	ug/l #	95
37) Trichloroethene	9.216	130	48576	19.331	ug/l	91
38) Methylcyclohexane	9.457	83	75409	18.179	ug/l	93
39) 1,2-Dichloropropane	9.486	63	53769	19.098	ug/l	95
40) Dibromomethane	9.575	93	34313	19.220	ug/l	94
41) Bromodichloromethane	9.757	83	69576	19.442	ug/l #	93
42) Vinyl Acetate	6.428	43	743196	100.687	ug/l	99

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Instrument :
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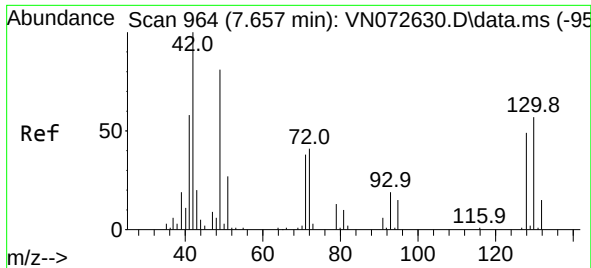
Manual Integrations
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Quant Time: May 27 11:47:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N052622W.M
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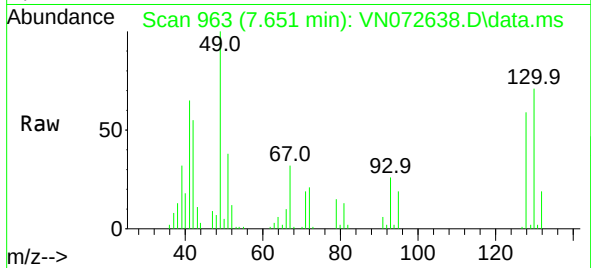
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.404	43	78734	18.155	ug/l	# 92
44) Isopropyl Acetate	8.557	43	131053	19.394	ug/l	98
45) 1,4-Dioxane	9.563	88	24480	432.076	ug/l	93
46) Methyl methacrylate	9.557	41	65417	20.547	ug/l	83
47) n-amyl Acetate	12.386	43	92489	18.786	ug/l	98
48) t-1,3-Dichloropropene	10.716	75	72379	18.724	ug/l	98
49) cis-1,3-Dichloropropene	10.186	75	81858	19.219	ug/l	92
50) 1,1,2-Trichloroethane	10.892	97	53122	20.241	ug/l	98
51) Ethyl methacrylate	10.757	69	85013	19.211	ug/l	87
52) 1,3-Dichloropropane	11.039	76	89766	19.396	ug/l	99
53) Dibromochloromethane	11.233	129	53259	19.739	ug/l	99
54) 1,2-Dibromoethane	11.339	107	52875	19.620	ug/l	96
55) 2-Chloroethyl vinyl ether	10.039	63	166312	85.918	ug/l	98
56) Bromoform	12.451	173	37132	19.062	ug/l	# 100
58) 4-Methyl-2-Pentanone	10.328	43	459337	100.440	ug/l	96
59) 2-Hexanone	11.080	43	330169	101.232	ug/l	96
61) Tetrachloroethene	10.975	164	41827	19.962	ug/l	93
62) Toluene	10.504	91	220824	19.867	ug/l	97
64) Chlorobenzene	11.763	112	128183	19.847	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.833	131	48962	19.252	ug/l	98
66) Ethyl Benzene	11.839	91	230287	18.782	ug/l	98
67) m/p-Xylenes	11.945	106	173504	38.934	ug/l	97
68) o-Xylene	12.274	106	85317	19.243	ug/l	99
69) Styrene	12.292	104	136037	19.366	ug/l	97
70) Isopropylbenzene	12.574	105	221001	19.510	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.821	83	79902	20.546	ug/l	95
72) 1,2,3-Trichloropropane	12.874	75	60588m	18.463	ug/l	
73) Bromobenzene	12.857	156	50120	20.141	ug/l	94
74) n-propylbenzene	12.916	91	241075	18.822	ug/l	99
75) 2-Chlorotoluene	13.004	91	149629	19.261	ug/l	97
76) 1,3,5-Trimethylbenzene	13.057	105	173401	19.397	ug/l	97
77) t-1,4-Dichloro-2-butene	12.621	75	23955	18.680	ug/l	94
78) 4-Chlorotoluene	13.098	91	138674	19.606	ug/l	94
79) tert-butylbenzene	13.316	119	153400	19.609	ug/l	95
80) 1,2,4-Trimethylbenzene	13.363	105	165286m	19.158	ug/l	
81) sec-Butylbenzene	13.498	105	205234	18.134	ug/l	99
82) p-Isopropyltoluene	13.610	119	159444	18.173	ug/l	98
83) 1,3-Dichlorobenzene	13.610	146	80836	18.717	ug/l	98
84) 1,4-Dichlorobenzene	13.692	146	77774	18.536	ug/l	98
85) n-Butylbenzene	13.939	91	124200	17.227	ug/l	97
86) Hexachloroethane	14.204	117	33004	18.888	ug/l	90
87) 1,2-Dichlorobenzene	13.986	146	82024	19.229	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.592	75	15047	19.916	ug/l	93
89) 1,2,4-Trichlorobenzene	15.262	180	39875	18.946	ug/l	95
90) Hexachlorobutadiene	15.363	225	19566	18.537	ug/l	92
91) Naphthalene	15.498	128	143798	19.470	ug/l	98
92) 1,2,3-Trichlorobenzene	15.692	180	41180	19.165	ug/l	96

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



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.651 min Scan# 90
Delta R.T. -0.006 min
Lab File: VN072638.D
Acq: 26 May 2022 19:29

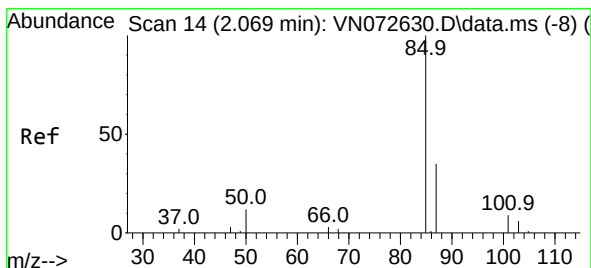
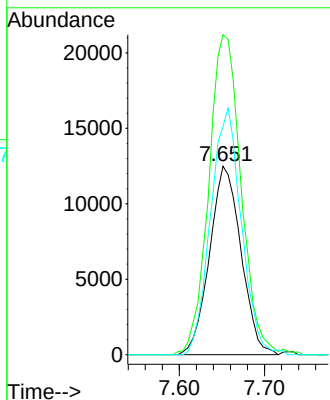
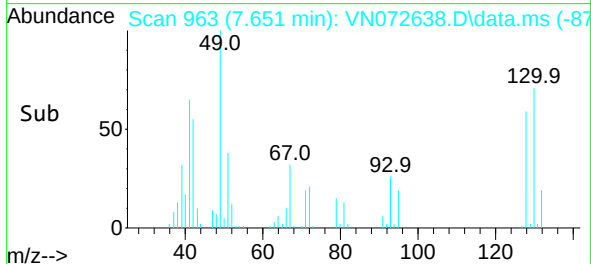
Instrument :
MSVOA_N
ClientSampleId :
VN0526WBSD01



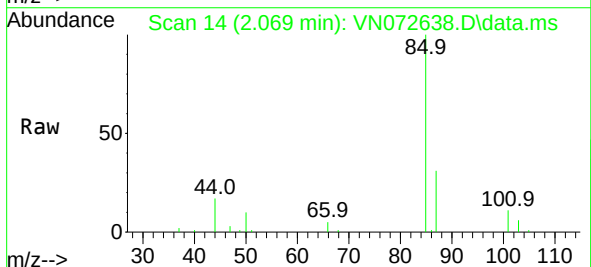
Tgt Ion:128 Resp: 32020
Ion Ratio Lower Upper
128 100
49 173.9 0.0 392.3
130 127.3 0.0 320.2

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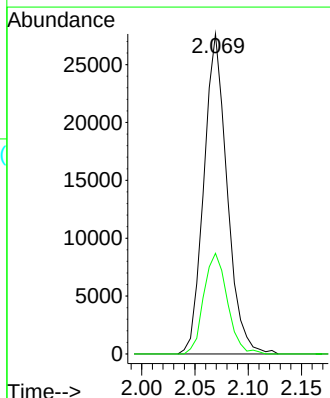
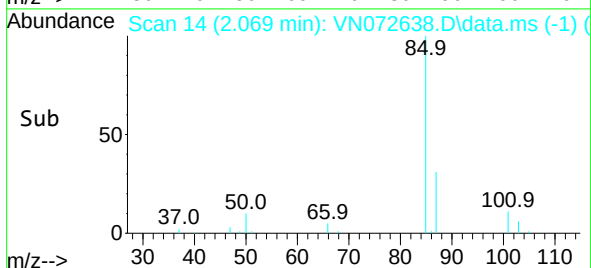
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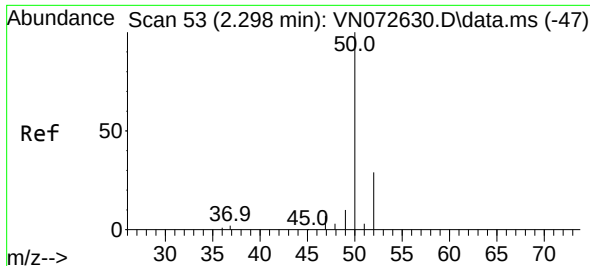


#2
Dichlorodifluoromethane
Concen: 19.176 ug/l
RT: 2.069 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN072638.D
Acq: 26 May 2022 19:29



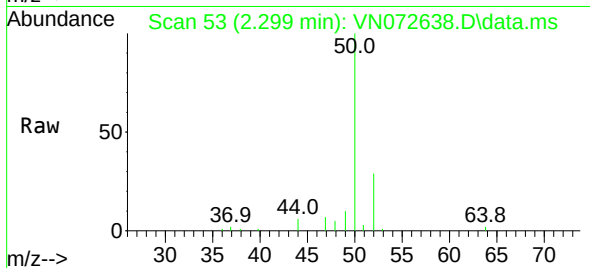
Tgt Ion: 85 Resp: 41956
Ion Ratio Lower Upper
85 100
87 31.5 16.6 49.7





#3
Chloromethane
Concen: 16.841 ug/l
RT: 2.299 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN072638.D
Acq: 26 May 2022 19:29

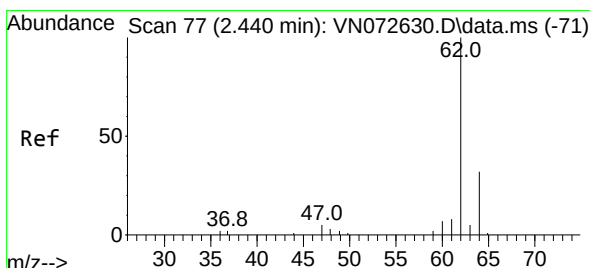
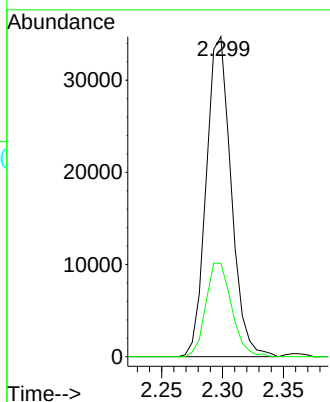
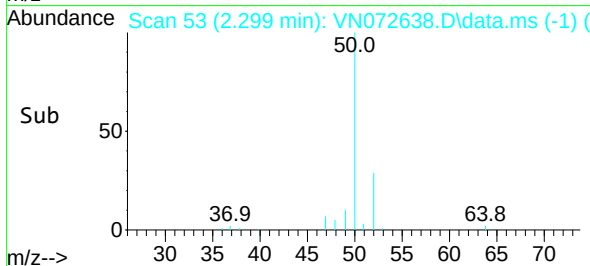
Instrument :
MSVOA_N
ClientSampleId :
VN0526WBSD01



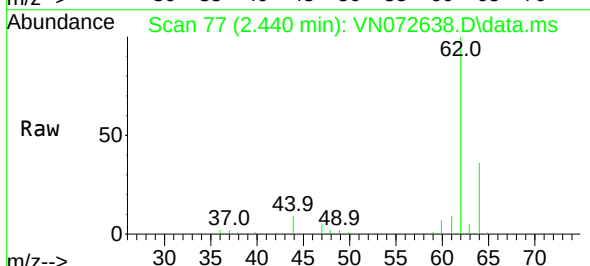
Tgt Ion: 50 Resp: 49410
Ion Ratio Lower Upper
50 100
52 29.1 27.8 41.6

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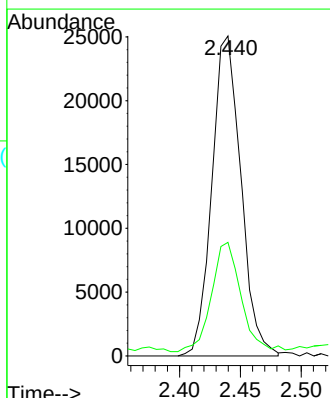
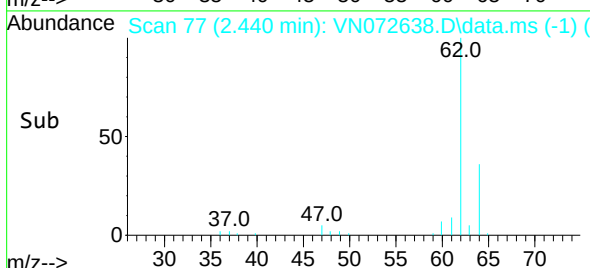
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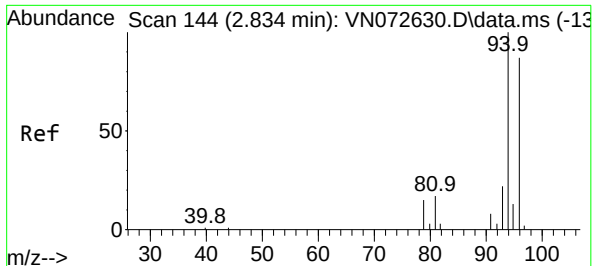


#4
Vinyl Chloride
Concen: 16.937 ug/l
RT: 2.440 min Scan# 77
Delta R.T. 0.000 min
Lab File: VN072638.D
Acq: 26 May 2022 19:29



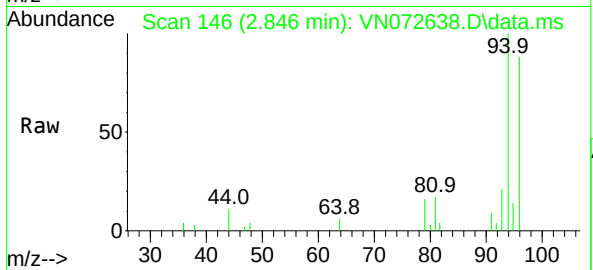
Tgt Ion: 62 Resp: 41546
Ion Ratio Lower Upper
62 100
64 34.2 25.1 37.7





#5
Bromomethane
Concen: 17.397 ug/l
RT: 2.846 min Scan# 144
Delta R.T. 0.012 min
Lab File: VN072638.D
Acq: 26 May 2022 19:29

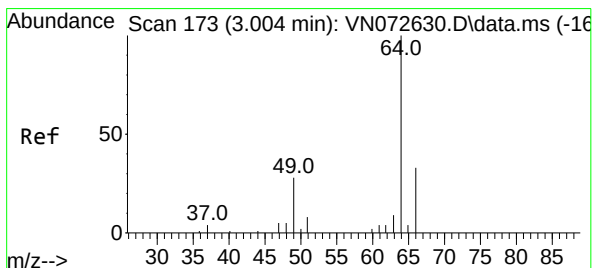
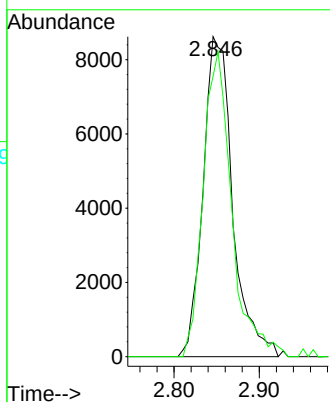
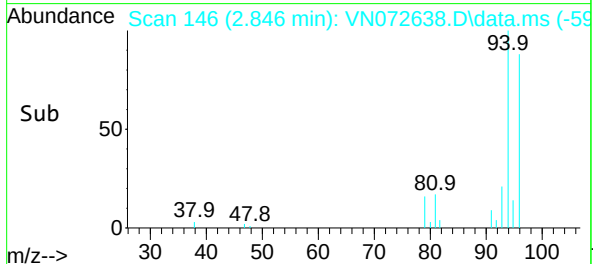
Instrument :
MSVOA_N
ClientSampleId :
VN0526WBSD01



Tgt Ion: 94 Resp: 2075
Ion Ratio Lower Upper
94 100
96 87.6 75.2 112.8

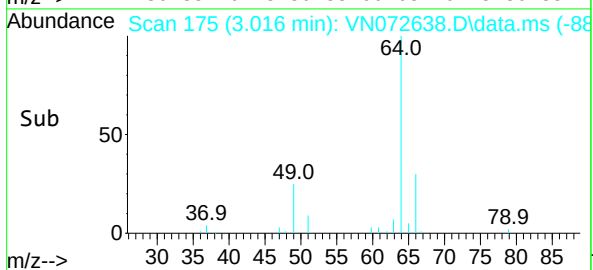
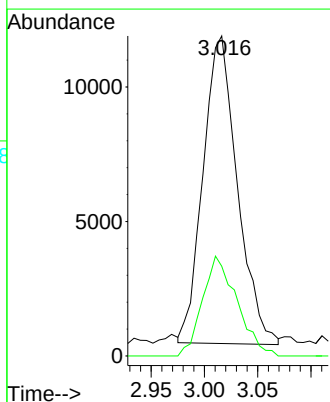
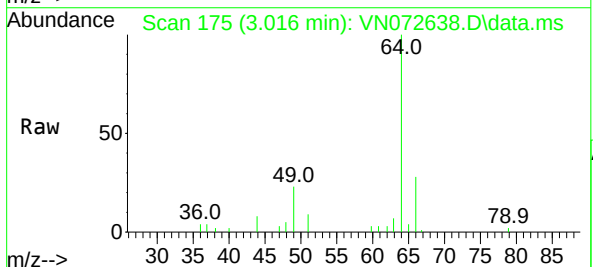
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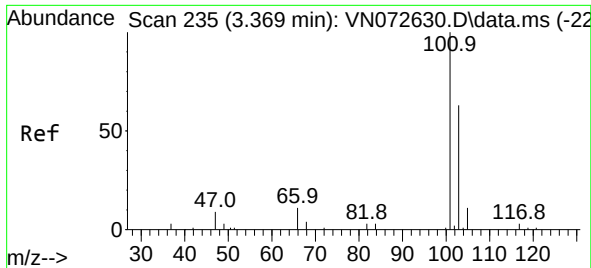
Reviewed By :John Carlone 05/31/2022
Supervised By :Mahesh Dadoda 05/31/2022



#6
Chloroethane
Concen: 16.706 ug/l
RT: 3.016 min Scan# 175
Delta R.T. 0.012 min
Lab File: VN072638.D
Acq: 26 May 2022 19:29

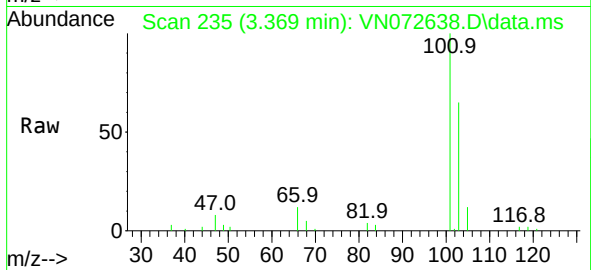
Tgt Ion: 64 Resp: 25638
Ion Ratio Lower Upper
64 100
66 29.7 24.6 36.8





#7
Trichlorofluoromethane
Concen: 19.416 ug/l
RT: 3.369 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN072638.D
Acq: 26 May 2022 19:29

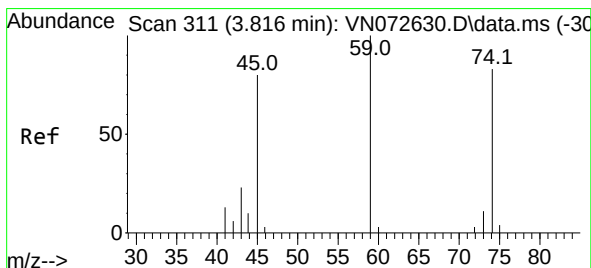
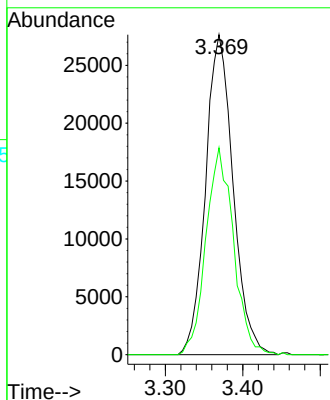
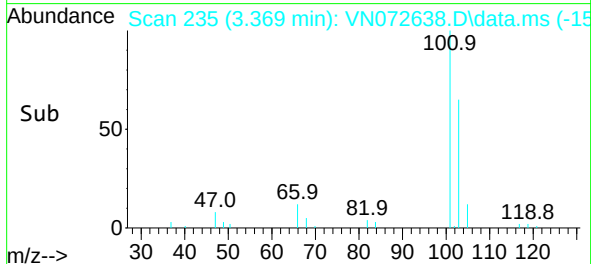
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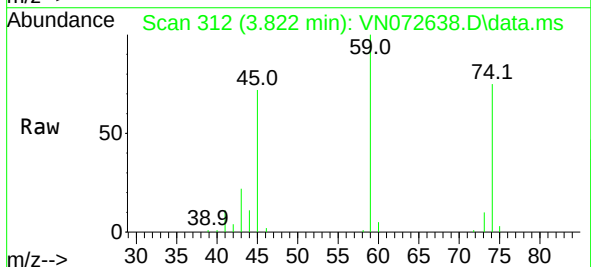
Tgt Ion:101 Resp: 68250
Ion Ratio Lower Upper
101 100
103 64.6 50.1 75.1

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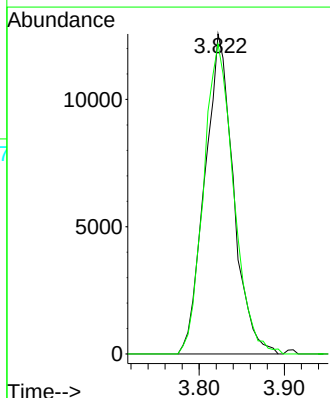
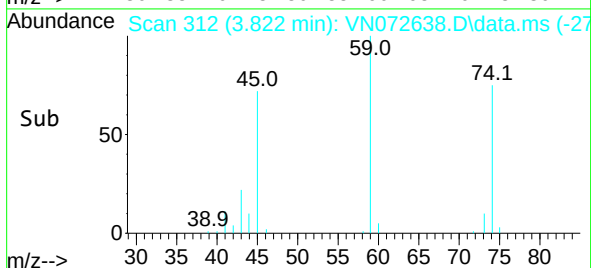
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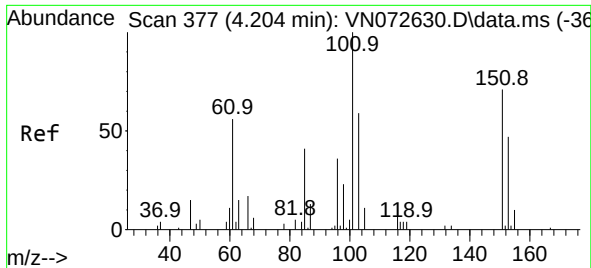


#8
Diethyl Ether
Concen: 19.864 ug/l
RT: 3.822 min Scan# 312
Delta R.T. 0.006 min
Lab File: VN072638.D
Acq: 26 May 2022 19:29



Tgt Ion: 74 Resp: 29298
Ion Ratio Lower Upper
74 100
45 101.7 17.6 158.8





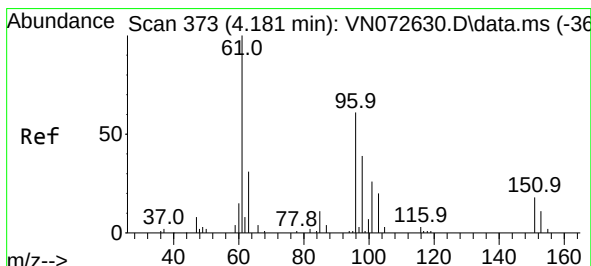
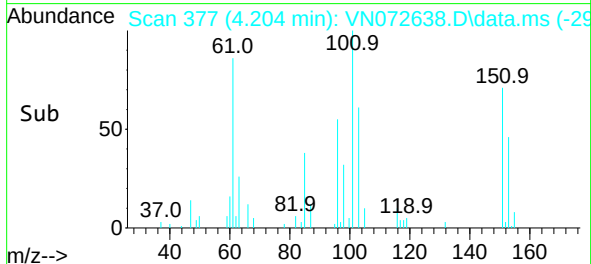
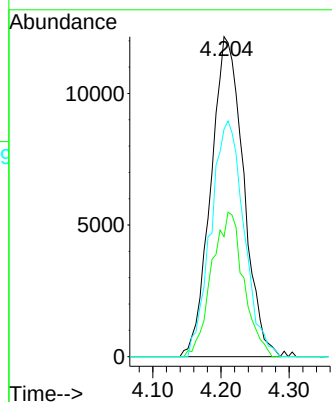
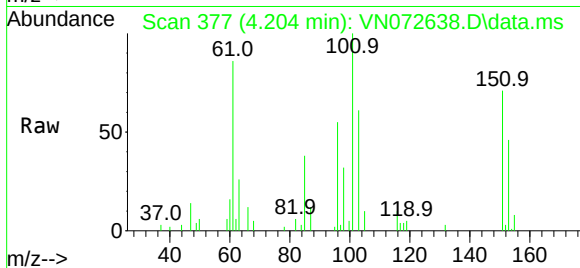
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.595 ug/l
RT: 4.204 min Scan# 377
Delta R.T. 0.000 min
Lab File: VN072638.D
Acq: 26 May 2022 19:29

Instrument :
MSVOA_N
ClientSampleId :
VN0526WBSD01

Tgt Ion:101 Resp: 4044
Ion Ratio Lower Upper
101 100
85 44.1 0.0 94.0
151 74.9 0.0 74.6

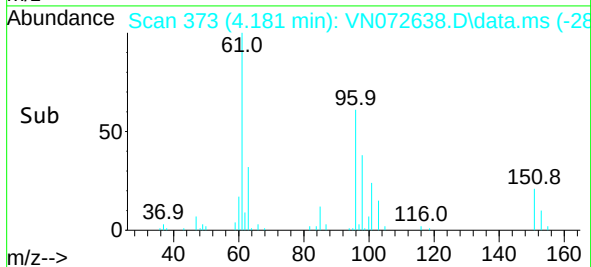
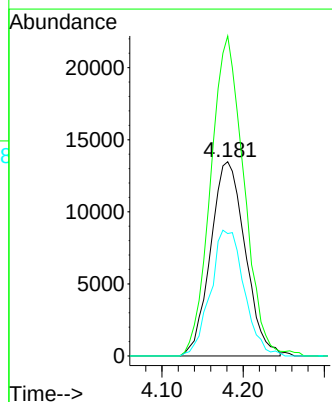
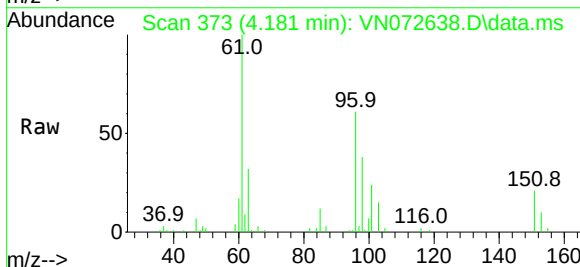
Manual Integrations
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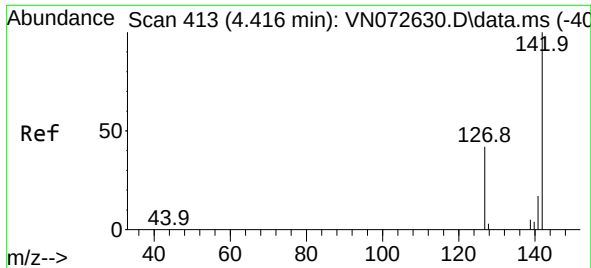
Reviewed By :John Carlone 05/31/2022
Supervised By :Mahesh Dadoda 05/31/2022



#10
1,1-Dichloroethene
Concen: 20.703 ug/l
RT: 4.181 min Scan# 373
Delta R.T. 0.000 min
Lab File: VN072638.D
Acq: 26 May 2022 19:29

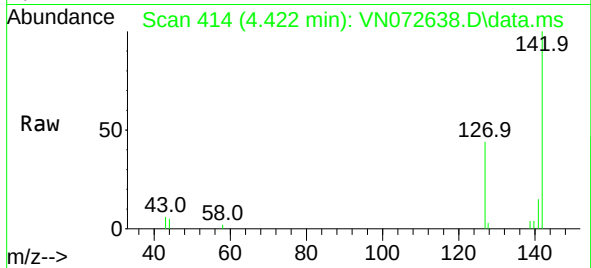
Tgt Ion: 96 Resp: 39921
Ion Ratio Lower Upper
96 100
61 164.7 126.2 189.4
98 65.4 50.9 76.3





#11
Methyl Iodide
Concen: 20.470 ug/l
RT: 4.422 min Scan# 413
Delta R.T. 0.006 min
Lab File: VN072638.D
Acq: 26 May 2022 19:29

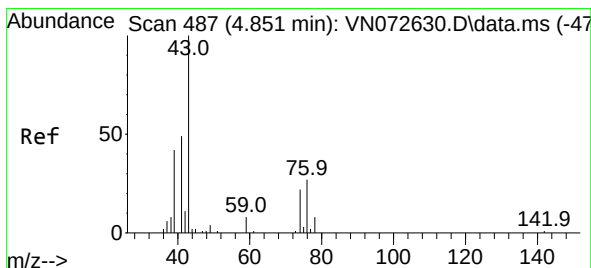
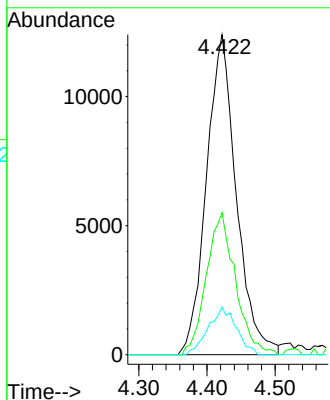
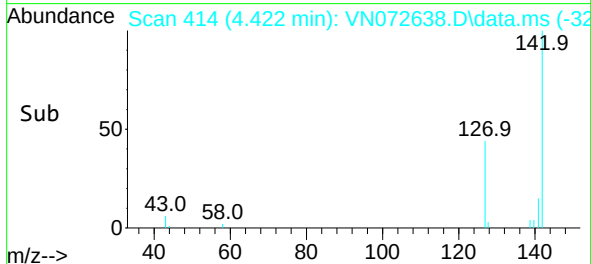
Instrument :
MSVOA_N
ClientSampleId :
VN0526WBSD01



Tgt Ion:142 Resp: 37792
Ion Ratio Lower Upper
142 100
127 48.2 24.0 72.0
141 15.1 8.4 25.2

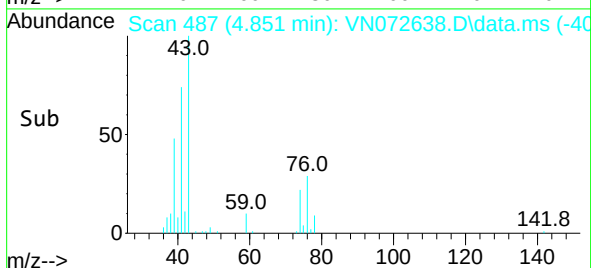
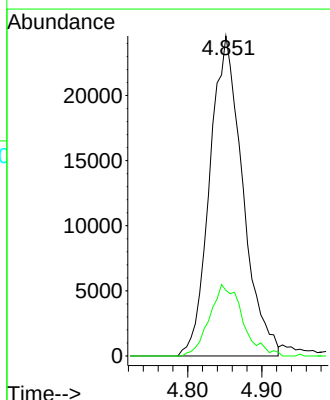
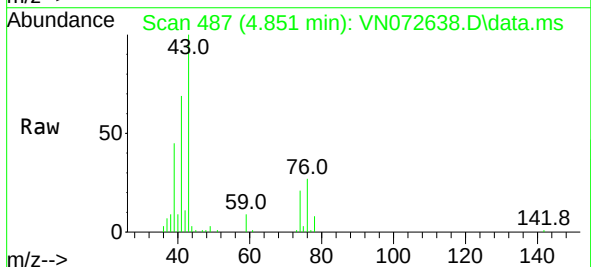
Manual Integrations
APPROVED

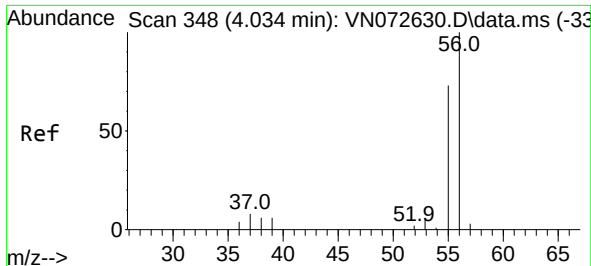
Reviewed By :John Carlone 05/31/2022
Supervised By :Mahesh Dadoda 05/31/2022



#12
Methyl Acetate
Concen: 20.024 ug/l
RT: 4.851 min Scan# 487
Delta R.T. 0.000 min
Lab File: VN072638.D
Acq: 26 May 2022 19:29

Tgt Ion: 43 Resp: 75774
Ion Ratio Lower Upper
43 100
74 20.2 20.8 31.2#





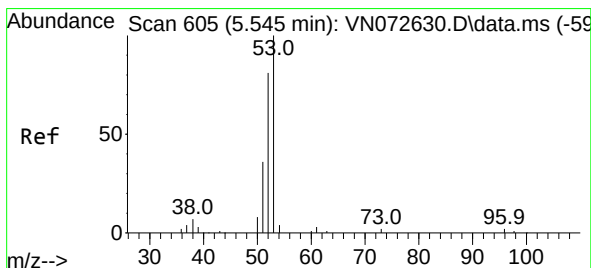
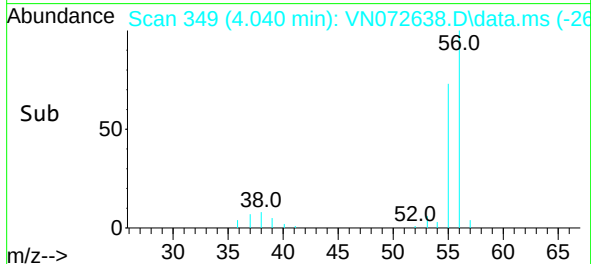
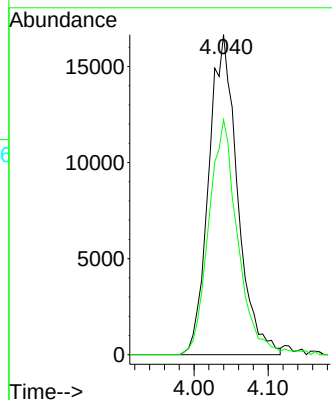
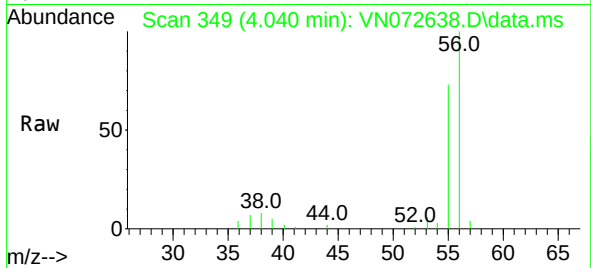
#13
Acrolein
Concen: 103.602 ug/l
RT: 4.040 min Scan# 348
Delta R.T. 0.006 min
Lab File: VN072638.D
Acq: 26 May 2022 19:29

Instrument :
MSVOA_N
ClientSampleId :
VN0526WBSD01

Tgt Ion: 56 Resp: 44899
Ion Ratio Lower Upper
56 100
55 73.0 57.6 86.4

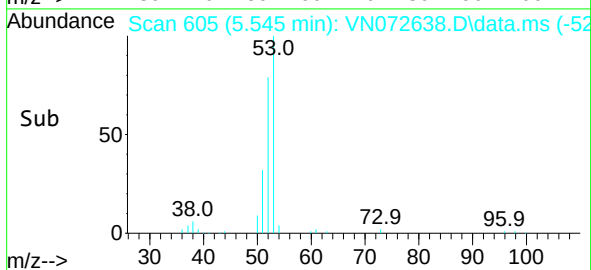
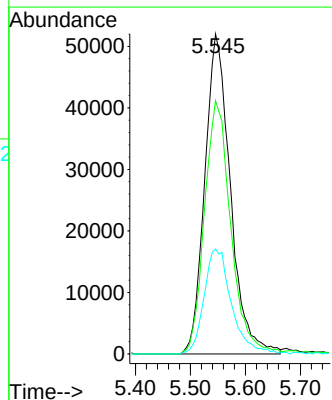
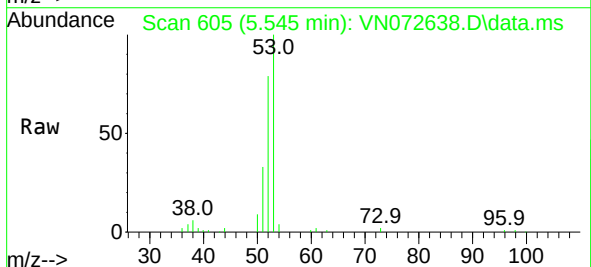
Manual Integrations
APPROVED

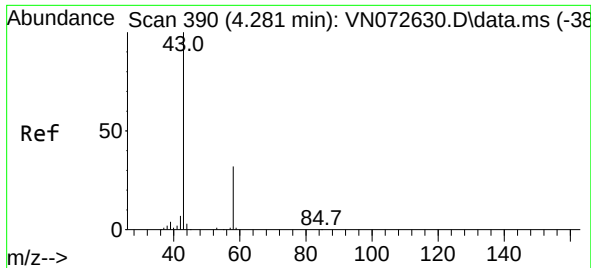
Reviewed By :John Carlone 05/31/2022
Supervised By :Mahesh Dadoda 05/31/2022



#14
Acrylonitrile
Concen: 103.264 ug/l
RT: 5.545 min Scan# 605
Delta R.T. 0.000 min
Lab File: VN072638.D
Acq: 26 May 2022 19:29

Tgt Ion: 53 Resp: 168327
Ion Ratio Lower Upper
53 100
52 80.8 41.8 125.4
51 35.0 19.0 57.0





#15

Acetone

Concen: 102.289 ug/l

RT: 4.281 min Scan# 390

Delta R.T. 0.000 min

Lab File: VN072638.D

Acq: 26 May 2022 19:29

Instrument :

MSVOA_N

ClientSampleId :

VN0526WBSD01

Tgt Ion: 58 Resp: 4292

Ion Ratio Lower Upper

58 100

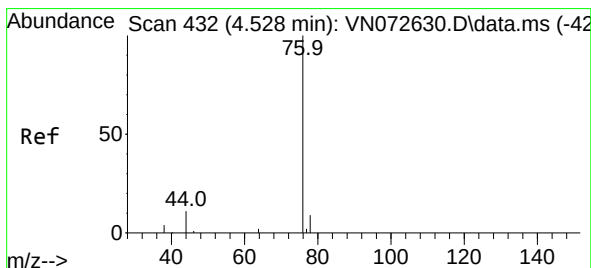
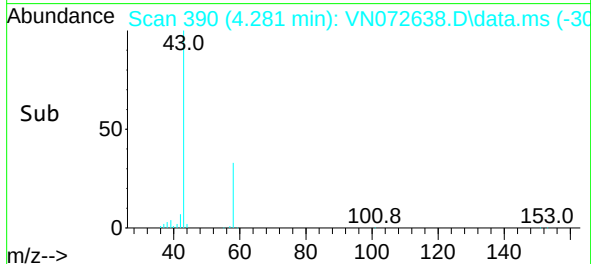
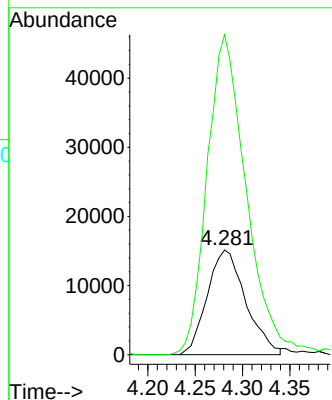
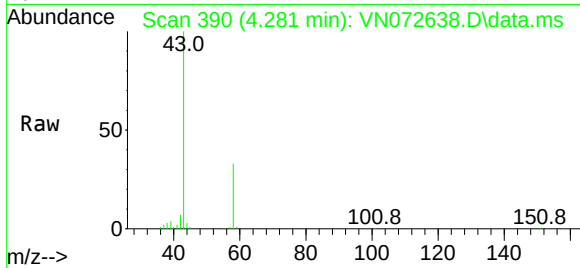
43 302.0 256.6 384.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/31/2022

Supervised By :Mahesh Dadoda 05/31/2022



#16

Carbon Disulfide

Concen: 19.902 ug/l

RT: 4.528 min Scan# 432

Delta R.T. 0.000 min

Lab File: VN072638.D

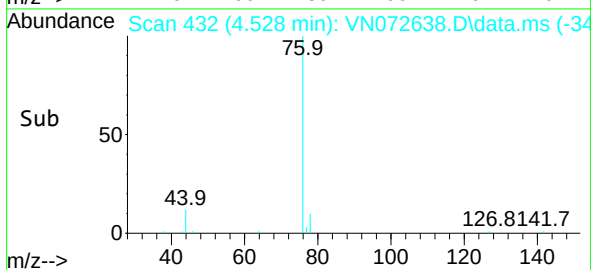
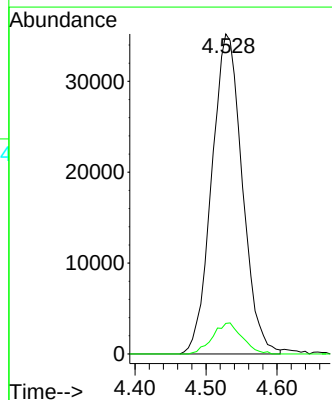
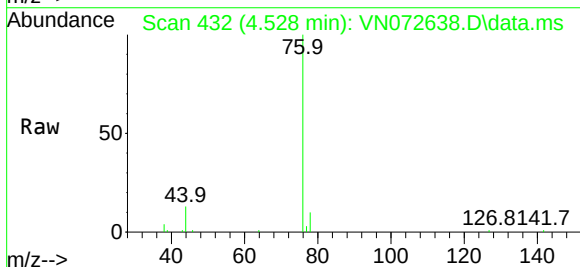
Acq: 26 May 2022 19:29

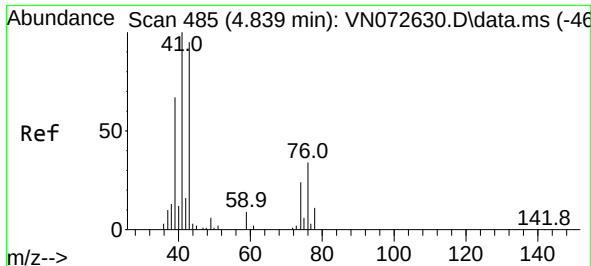
Tgt Ion: 76 Resp: 105258

Ion Ratio Lower Upper

76 100

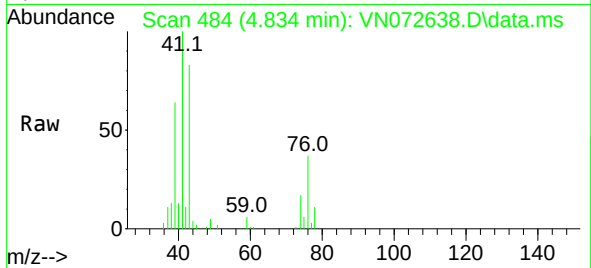
78 9.5 7.8 11.8





#17
 Allyl chloride
 Concen: 19.941 ug/l
 RT: 4.834 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VN072638.D
 Acq: 26 May 2022 19:29

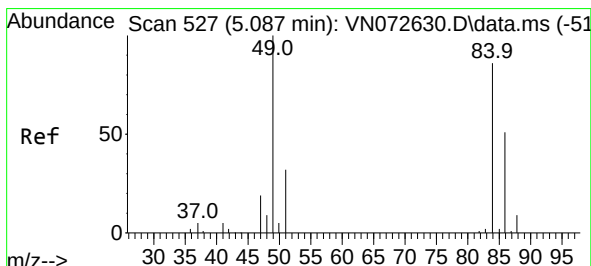
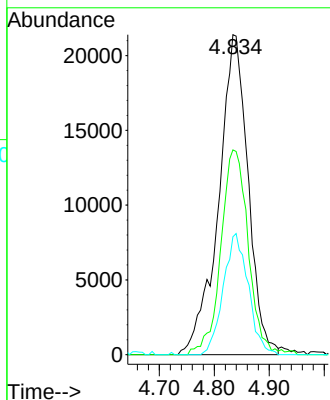
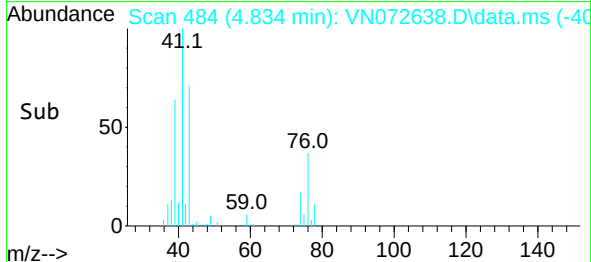
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0526WBSD01



Tgt Ion: 41 Resp: 7988
 Ion Ratio Lower Upper
 41 100
 39 64.0 44.6 134.0
 76 36.8 19.6 58.7

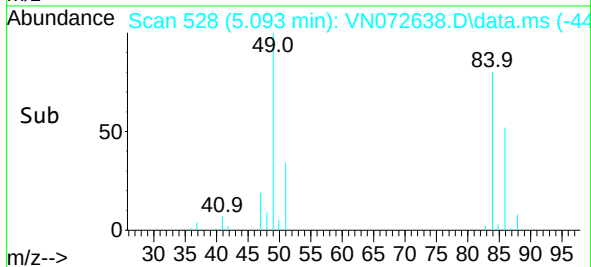
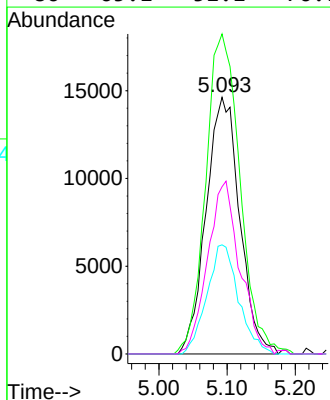
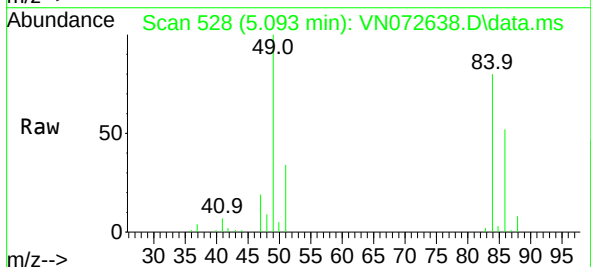
Manual Integrations
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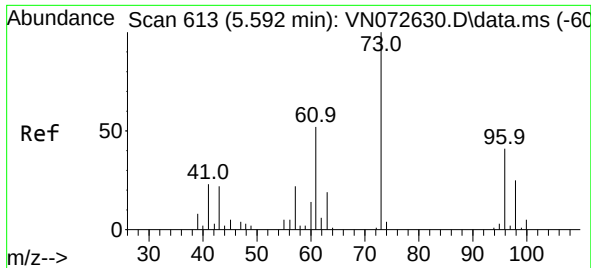
Reviewed By :John Carlone 05/31/2022
 Supervised By :Mahesh Dadoda 05/31/2022



#18
 Methylene Chloride
 Concen: 19.801 ug/l
 RT: 5.093 min Scan# 528
 Delta R.T. 0.006 min
 Lab File: VN072638.D
 Acq: 26 May 2022 19:29

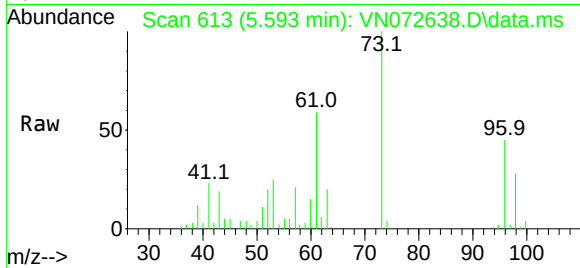
Tgt Ion: 84 Resp: 50198
 Ion Ratio Lower Upper
 84 100
 49 123.2 91.4 137.0
 51 42.5 29.4 44.0
 86 65.1 51.1 76.7





#19
trans-1,2-Dichloroethene
Concen: 20.354 ug/l
RT: 5.593 min Scan# 613
Delta R.T. 0.000 min
Lab File: VN072638.D
Acq: 26 May 2022 19:29

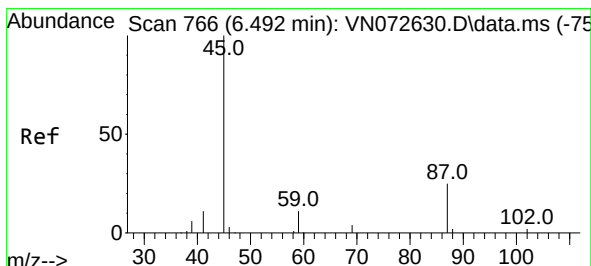
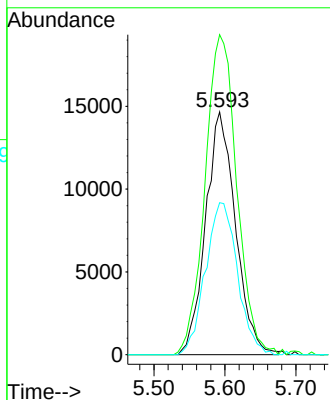
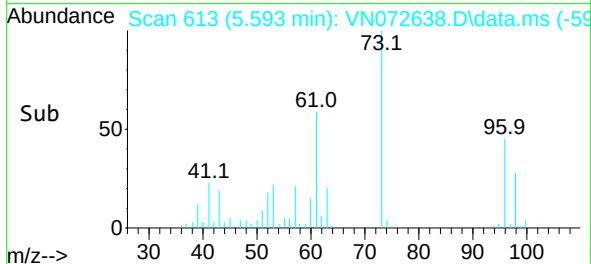
Instrument :
MSVOA_N
ClientSampleId :
VN0526WBSD01



Tgt Ion: 96 Resp: 42928
Ion Ratio Lower Upper
96 100
61 131.9 102.8 154.2
98 62.7 49.3 73.9

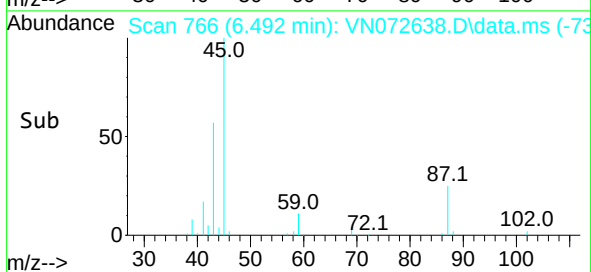
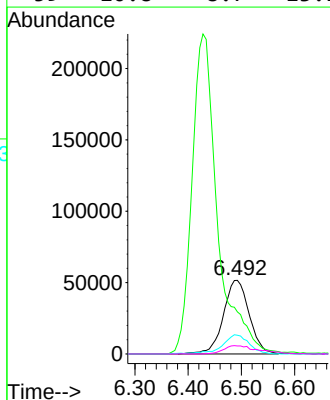
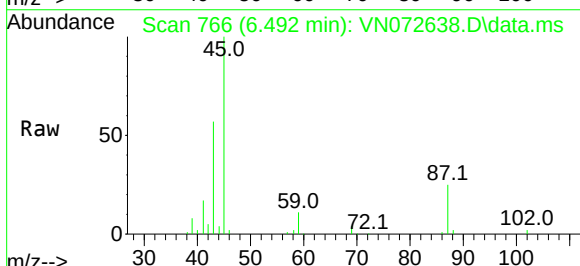
Manual Integrations
APPROVED

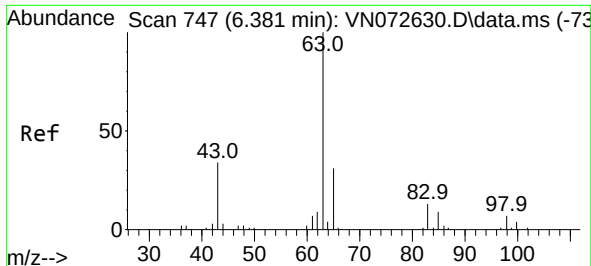
Reviewed By :John Carlone 05/31/2022
Supervised By :Mahesh Dadoda 05/31/2022



#20
Diisopropyl ether
Concen: 18.900 ug/l
RT: 6.492 min Scan# 766
Delta R.T. 0.000 min
Lab File: VN072638.D
Acq: 26 May 2022 19:29

Tgt Ion: 45 Resp: 173603
Ion Ratio Lower Upper
45 100
43 54.1 51.0 76.4
87 25.0 25.0 37.4
59 10.8 8.7 13.1





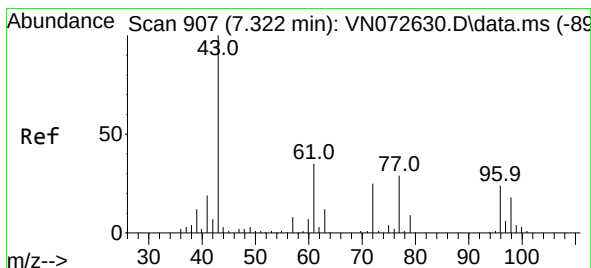
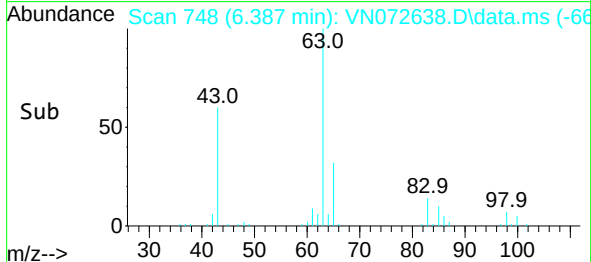
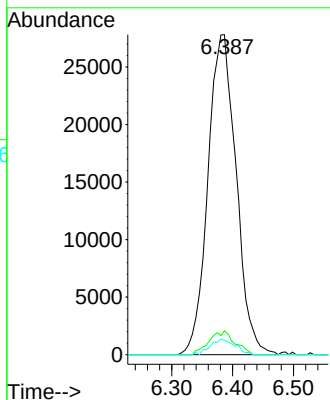
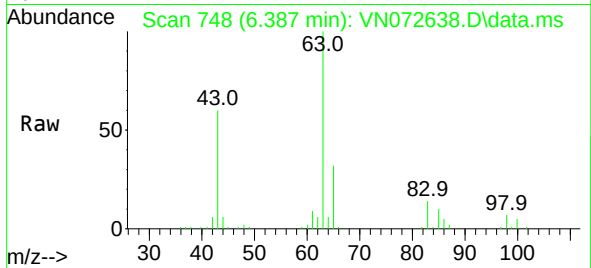
#21
1,1-Dichloroethane
Concen: 19.166 ug/l
RT: 6.387 min Scan# 747
Delta R.T. 0.006 min
Lab File: VN072638.D
Acq: 26 May 2022 19:29

Instrument :
MSVOA_N
ClientSampleId :
VN0526WBSD01

Tgt Ion: 63 Resp: 89610
Ion Ratio Lower Upper
63 100
98 7.4 3.2 9.6
100 4.5 2.1 6.2

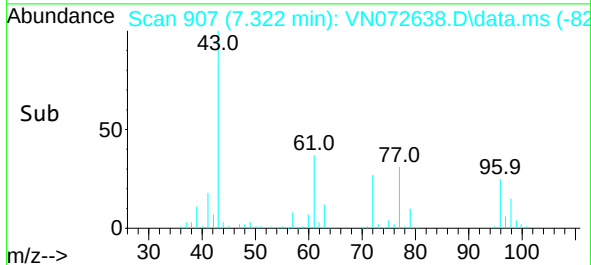
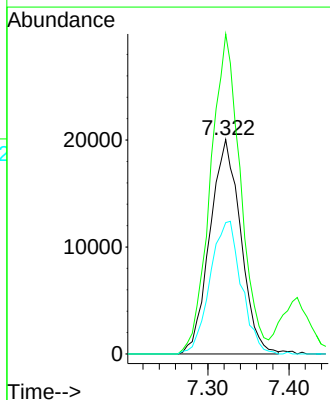
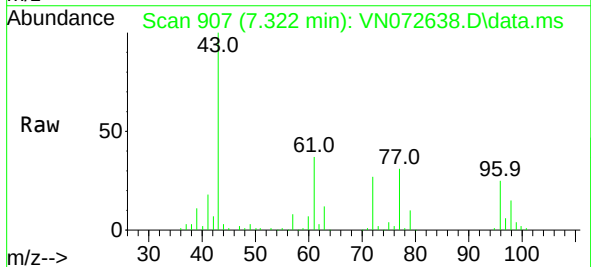
Manual Integrations
APPROVED

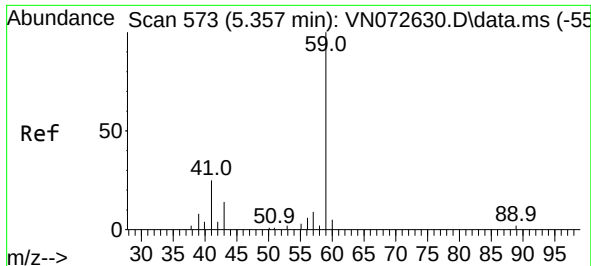
Reviewed By :John Carlone 05/31/2022
Supervised By :Mahesh Dadoda 05/31/2022



#22
cis-1,2-Dichloroethene
Concen: 19.710 ug/l
RT: 7.322 min Scan# 907
Delta R.T. 0.000 min
Lab File: VN072638.D
Acq: 26 May 2022 19:29

Tgt Ion: 96 Resp: 52798
Ion Ratio Lower Upper
96 100
61 145.5 115.7 173.5
98 62.9 51.6 77.4





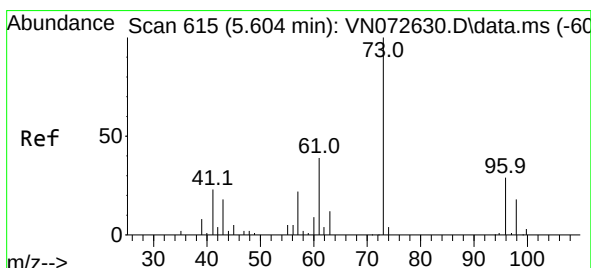
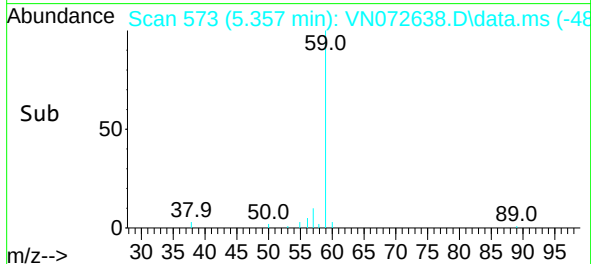
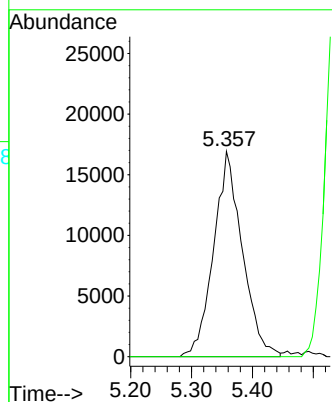
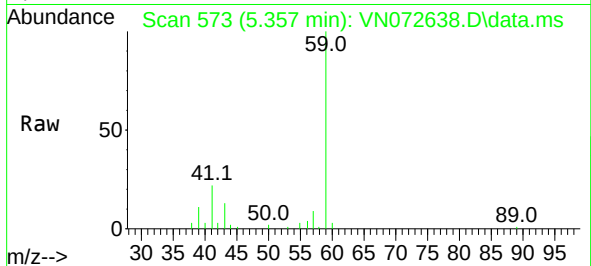
#23
tert-Butyl Alcohol
Concen: 101.204 ug/l
RT: 5.357 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN072638.D
Acq: 26 May 2022 19:29

Instrument :
MSVOA_N
ClientSampleId :
VN0526WBSD01

Tgt Ion: 59 Resp: 5537
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

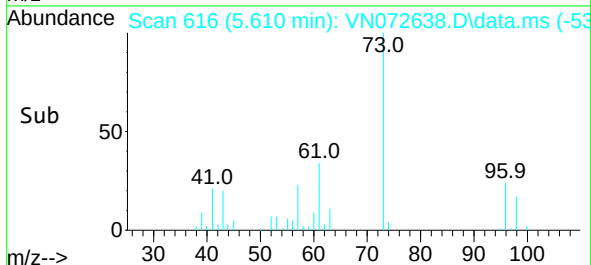
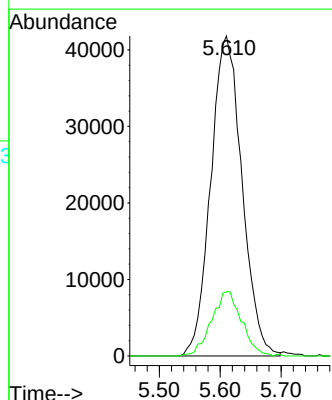
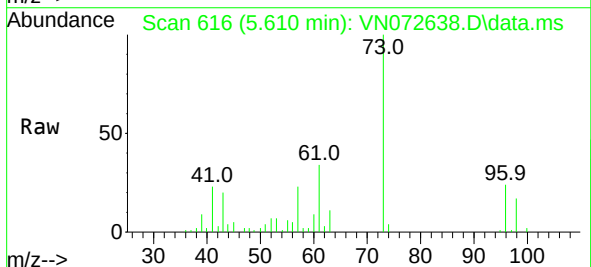
Manual Integrations
APPROVED

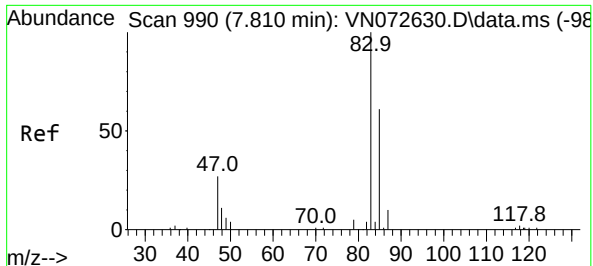
Reviewed By :John Carlone 05/31/2022
Supervised By :Mahesh Dadoda 05/31/2022



#24
Methyl tert-Butyl Ether
Concen: 20.107 ug/l
RT: 5.610 min Scan# 616
Delta R.T. 0.006 min
Lab File: VN072638.D
Acq: 26 May 2022 19:29

Tgt Ion: 73 Resp: 148955
Ion Ratio Lower Upper
73 100
43 19.4 18.1 27.1





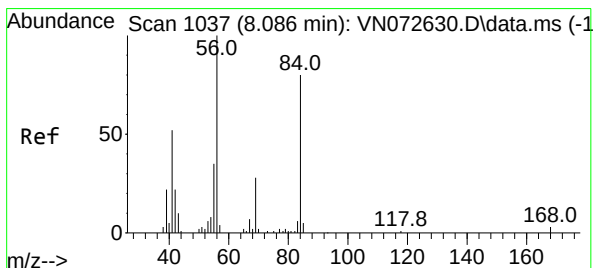
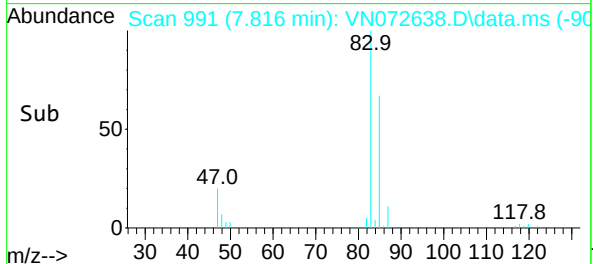
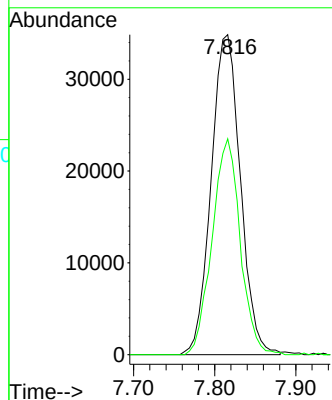
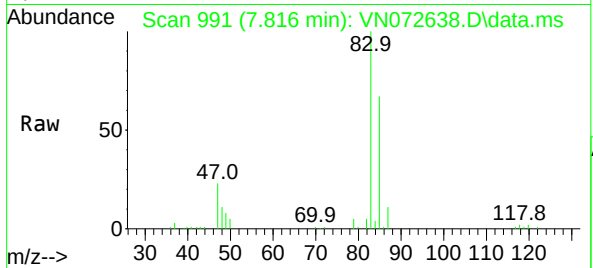
#25
Chloroform
Concen: 18.388 ug/l
RT: 7.816 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN072638.D
Acq: 26 May 2022 19:29

Instrument :
MSVOA_N
ClientSampleId :
VN0526WBSD01

Tgt Ion: 83 Resp: 87349
Ion Ratio Lower Upper
83 100
85 67.5 51.3 76.9

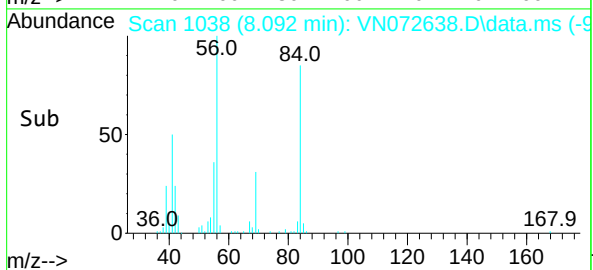
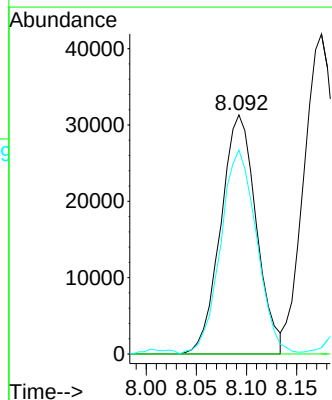
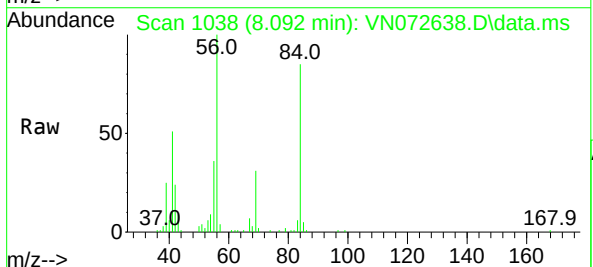
Manual Integrations
APPROVED

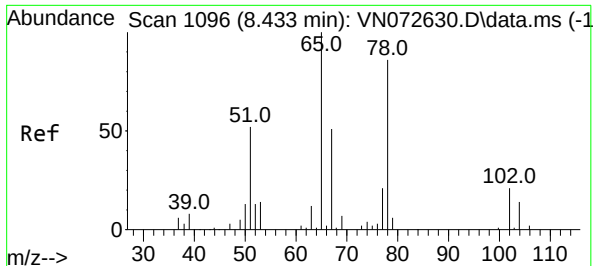
Reviewed By :John Carlone 05/31/2022
Supervised By :Mahesh Dadoda 05/31/2022



#26
Cyclohexane
Concen: 17.554 ug/l
RT: 8.092 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VN072638.D
Acq: 26 May 2022 19:29

Tgt Ion: 56 Resp: 77409
Ion Ratio Lower Upper
56 100
89 0.0 0.1 0.1#
84 86.5 74.6 111.8





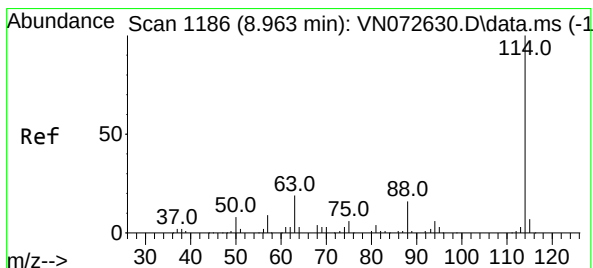
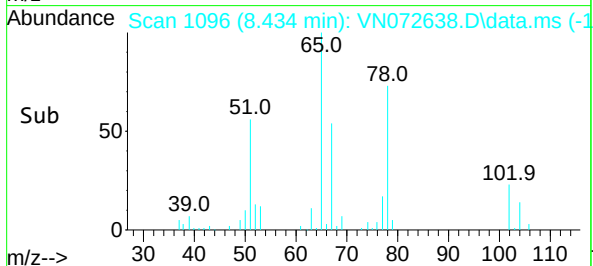
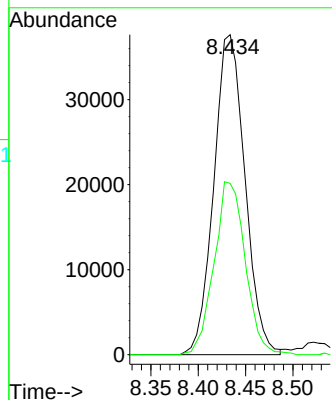
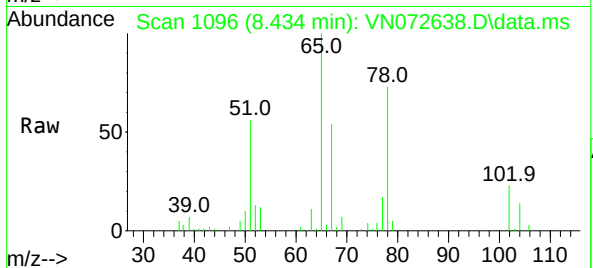
#27
1,2-Dichloroethane-d4
Concen: 28.133 ug/l
RT: 8.434 min Scan# 1096
Delta R.T. 0.000 min
Lab File: VN072638.D
Acq: 26 May 2022 19:29

Instrument :
MSVOA_N
ClientSampleId :
VN0526WBSD01

Tgt Ion: 65 Resp: 86199
Ion Ratio Lower Upper
65 100
67 54.0 40.2 60.2

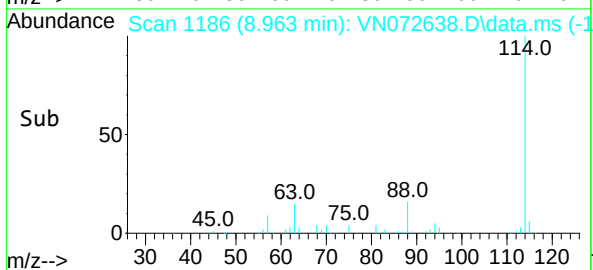
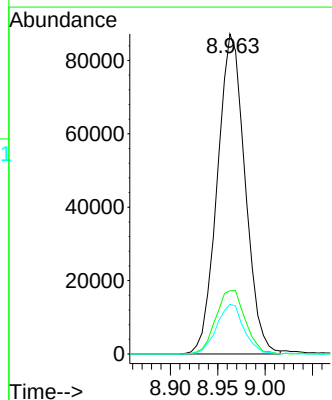
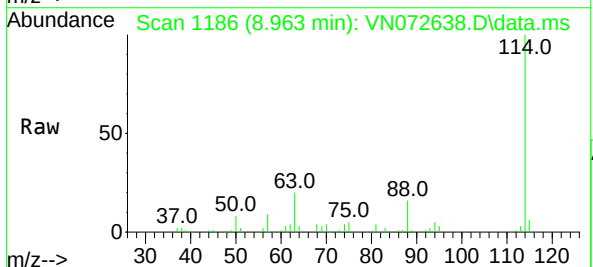
Manual Integrations
APPROVED

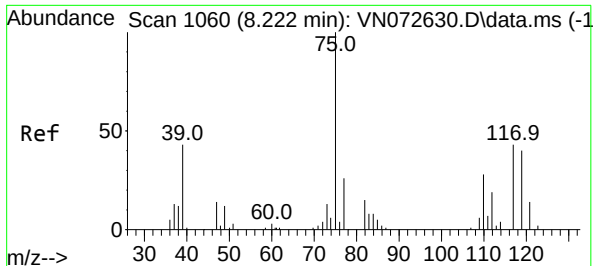
Reviewed By :John Carlone 05/31/2022
Supervised By :Mahesh Dadoda 05/31/2022



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. 0.000 min
Lab File: VN072638.D
Acq: 26 May 2022 19:29

Tgt Ion:114 Resp: 177592
Ion Ratio Lower Upper
114 100
63 21.1 15.8 23.6
88 15.2 11.6 17.4





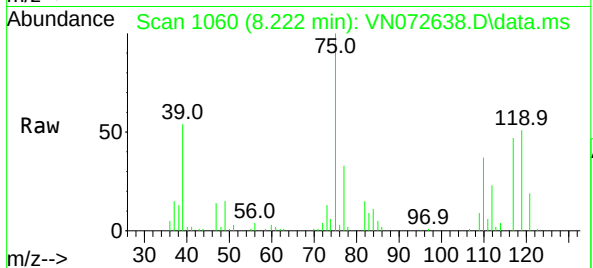
#29
1,1-Dichloropropene
Concen: 19.045 ug/l
RT: 8.222 min Scan# 1060
Delta R.T. 0.000 min
Lab File: VN072638.D
Acq: 26 May 2022 19:29

Instrument :

MSVOA_N

ClientSampleId :

VN0526WBSD01



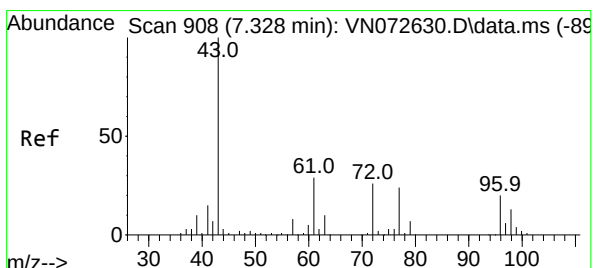
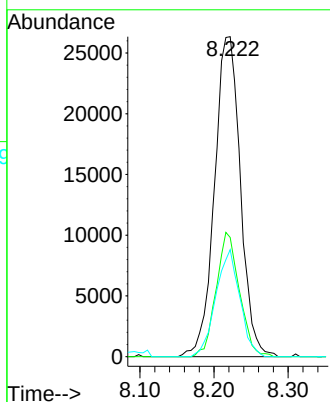
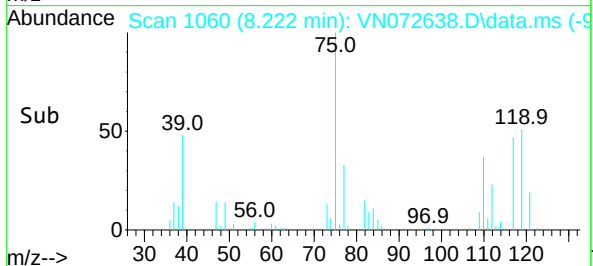
Tgt Ion: 75 Resp: 6396
Ion Ratio Lower Upper
75 100
110 34.7 0.0 74.2
77 31.0 0.0 63.2

Manual Integrations

APPROVED

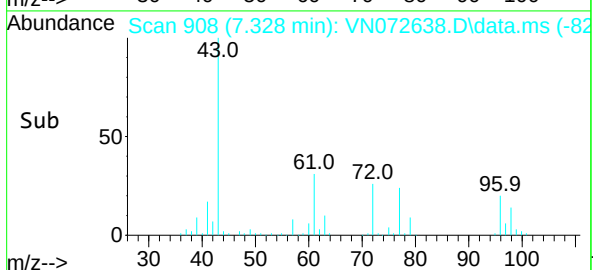
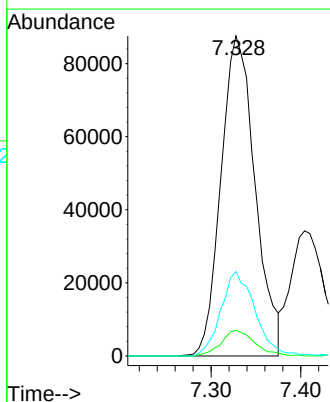
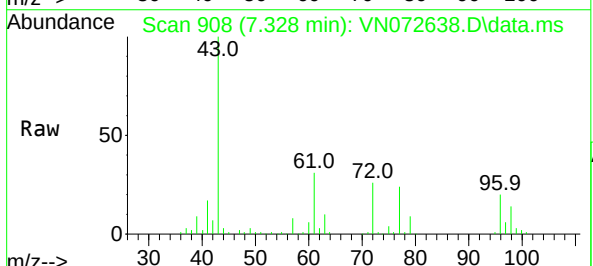
Reviewed By :John Carlone 05/31/2022

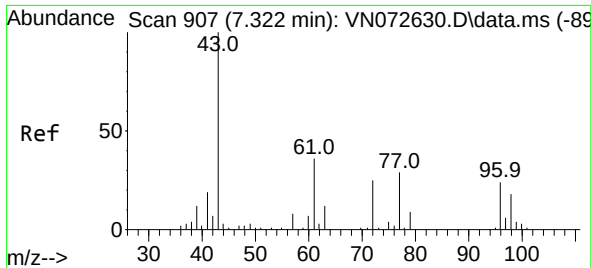
Supervised By :Mahesh Dadoda 05/31/2022



#30
2-Butanone
Concen: 102.441 ug/l
RT: 7.328 min Scan# 908
Delta R.T. 0.000 min
Lab File: VN072638.D
Acq: 26 May 2022 19:29

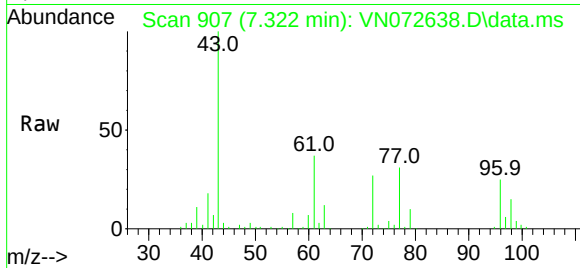
Tgt Ion: 43 Resp: 231680
Ion Ratio Lower Upper
43 100
57 7.9 6.7 10.1
72 25.9 23.2 34.8





#31
2,2-Dichloropropane
Concen: 19.874 ug/l
RT: 7.322 min Scan# 907
Delta R.T. 0.000 min
Lab File: VN072638.D
Acq: 26 May 2022 19:29

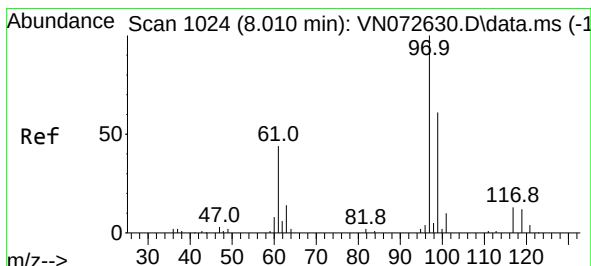
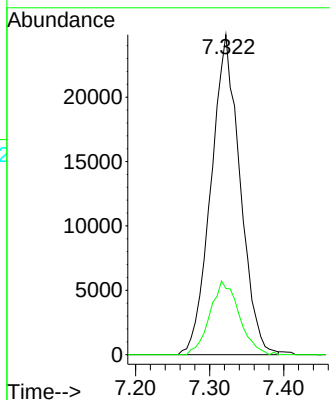
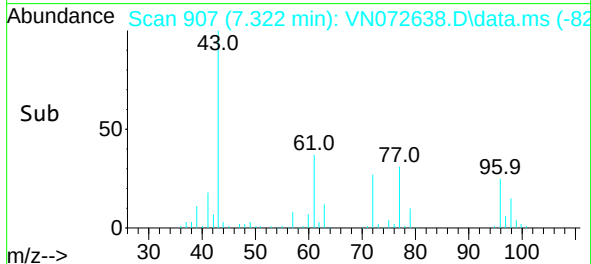
Instrument :
MSVOA_N
ClientSampleId :
VN0526WBSD01



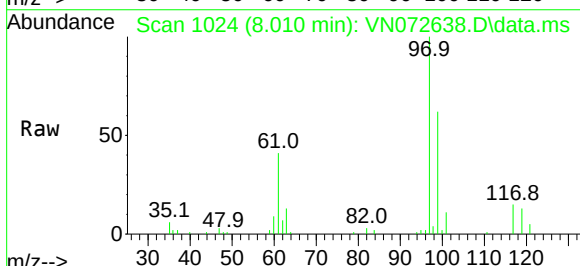
Tgt Ion: 77 Resp: 67602
Ion Ratio Lower Upper
77 100
97 23.1 18.3 27.5

Manual Integrations
APPROVED

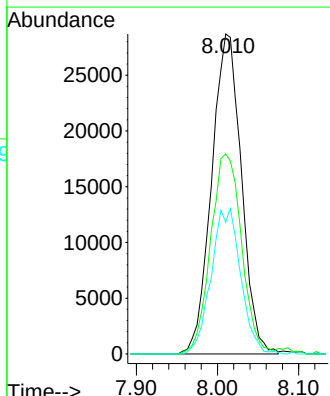
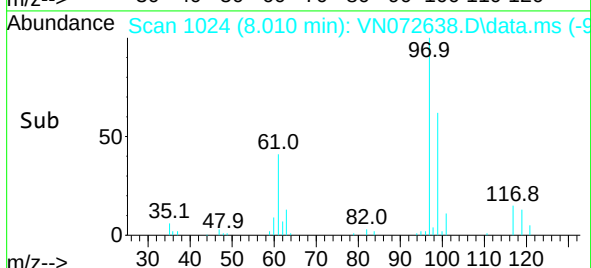
Reviewed By :John Carlone 05/31/2022
Supervised By :Mahesh Dadoda 05/31/2022

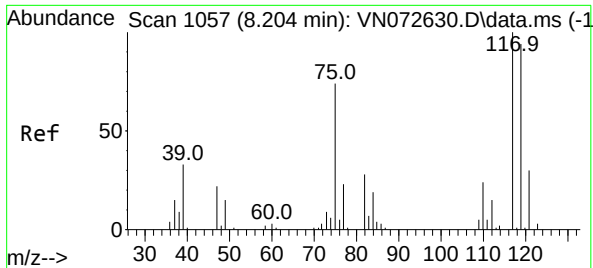


#32
1,1,1-Trichloroethane
Concen: 19.632 ug/l
RT: 8.010 min Scan# 1024
Delta R.T. 0.000 min
Lab File: VN072638.D
Acq: 26 May 2022 19:29



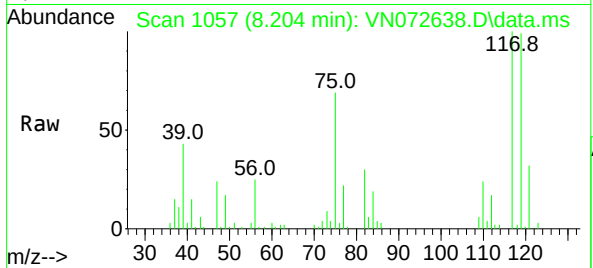
Tgt Ion: 97 Resp: 73144
Ion Ratio Lower Upper
97 100
99 64.9 50.4 75.6
61 45.0 34.6 51.8





#33
Carbon Tetrachloride
Concen: 18.913 ug/l
RT: 8.204 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN072638.D
Acq: 26 May 2022 19:29

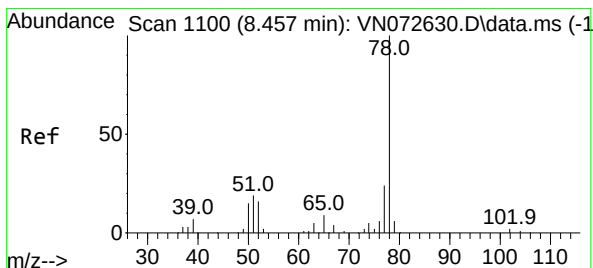
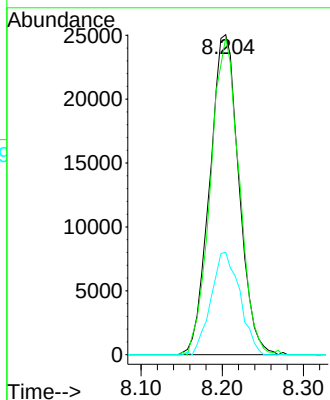
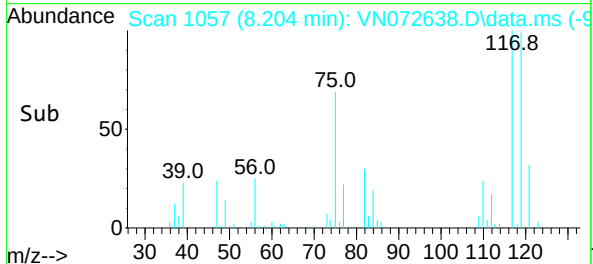
Instrument :
MSVOA_N
ClientSampleId :
VN0526WBSD01



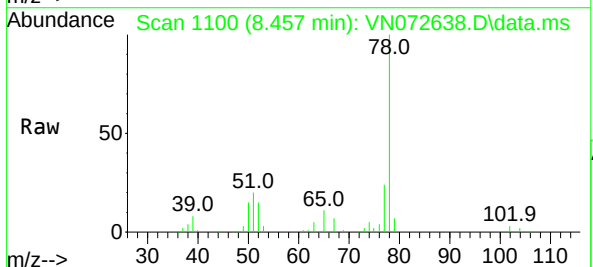
Tgt Ion: 117 Resp: 62569
Ion Ratio Lower Upper
117 100
119 99.0 77.5 116.3
121 32.0 23.5 35.3

Manual Integrations
APPROVED

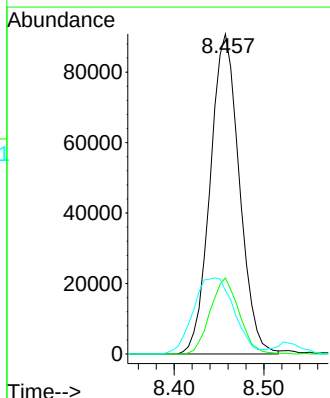
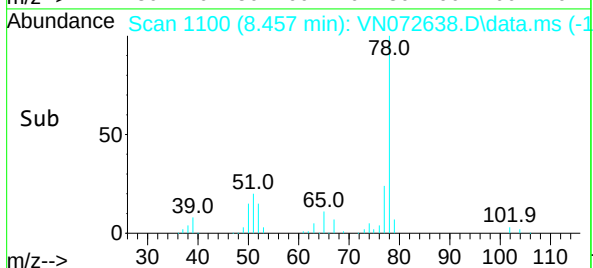
Reviewed By :John Carlone 05/31/2022
Supervised By :Mahesh Dadoda 05/31/2022

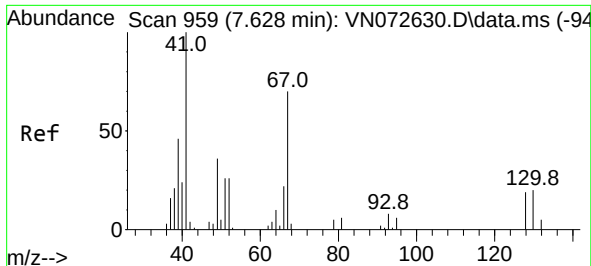


#34
Benzene
Concen: 19.392 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN072638.D
Acq: 26 May 2022 19:29



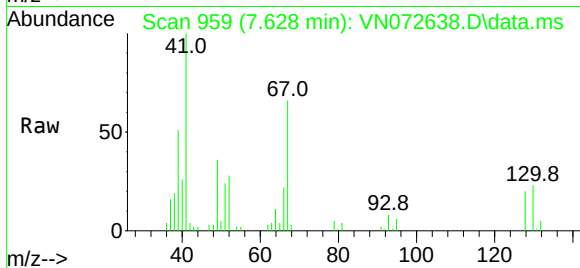
Tgt Ion: 78 Resp: 204733
Ion Ratio Lower Upper
78 100
77 23.8 19.1 28.7
51 17.5 16.0 24.0





#35
Methacrylonitrile
Concen: 20.516 ug/l
RT: 7.628 min Scan# 911
Delta R.T. 0.000 min
Lab File: VN072638.D
Acq: 26 May 2022 19:29

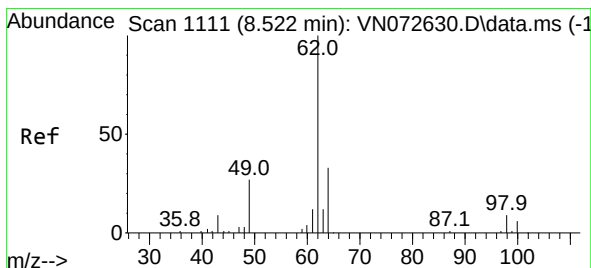
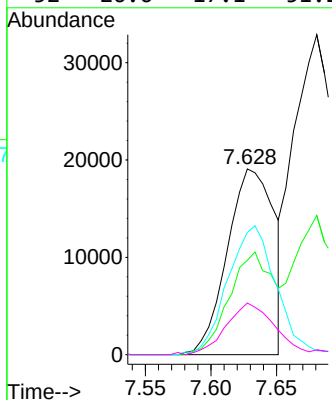
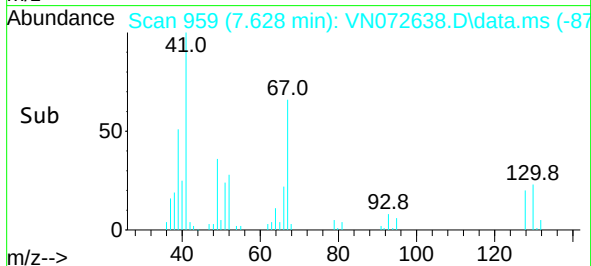
Instrument :
MSVOA_N
ClientSampleId :
VN0526WBSD01



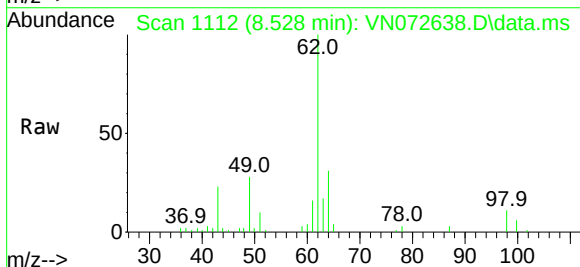
Tgt Ion: 41 Resp: 4732
Ion Ratio Lower Upper
41 100
39 49.4 28.0 83.9
67 65.8 37.7 113.1
52 26.6 17.1 51.2

Manual Integrations
APPROVED

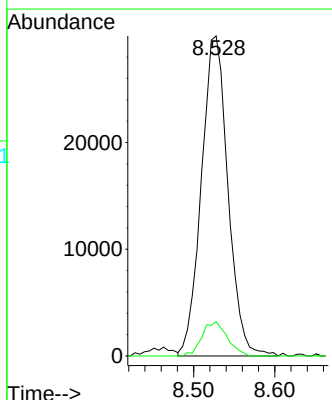
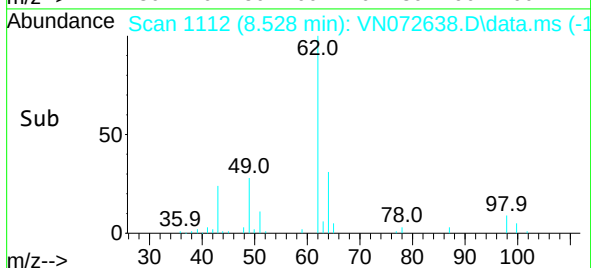
Reviewed By :John Carlone 05/31/2022
Supervised By :Mahesh Dadoda 05/31/2022

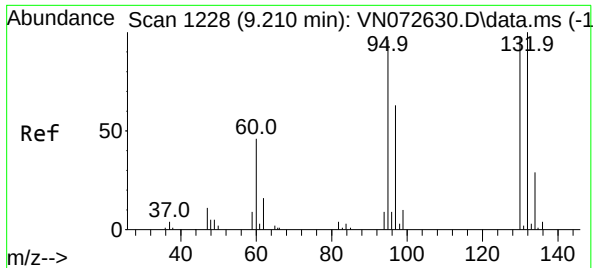


#36
1,2-Dichloroethane
Concen: 19.884 ug/l
RT: 8.528 min Scan# 1112
Delta R.T. 0.006 min
Lab File: VN072638.D
Acq: 26 May 2022 19:29



Tgt Ion: 62 Resp: 68214
Ion Ratio Lower Upper
62 100
98 10.2 6.6 10.0#





#37

Trichloroethene

Concen: 19.331 ug/l

RT: 9.216 min Scan# 1228

Delta R.T. 0.006 min

Lab File: VN072638.D

Acq: 26 May 2022 19:29

Instrument :

MSVOA_N

ClientSampleId :

VN0526WBSD01

Tgt Ion:130 Resp: 48570

Ion Ratio Lower Upper

130 100

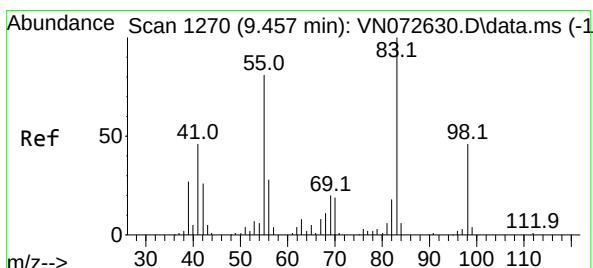
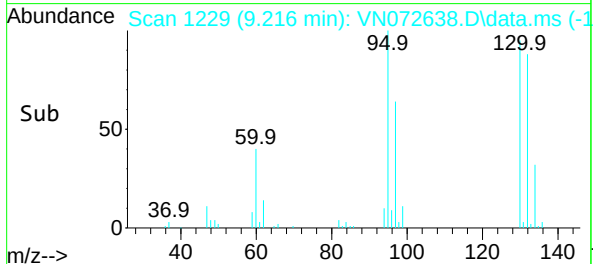
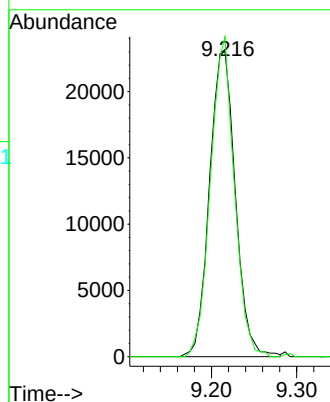
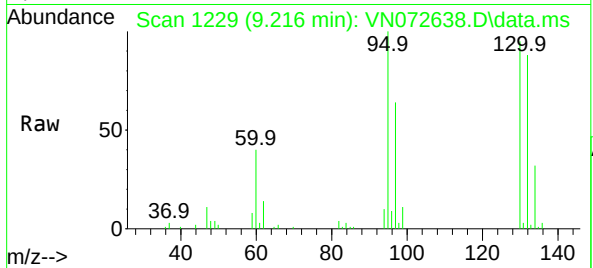
95 104.9 76.6 115.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/31/2022

Supervised By :Mahesh Dadoda 05/31/2022



#38

Methylcyclohexane

Concen: 18.179 ug/l

RT: 9.457 min Scan# 1270

Delta R.T. 0.000 min

Lab File: VN072638.D

Acq: 26 May 2022 19:29

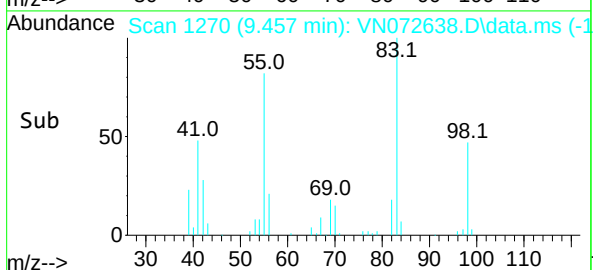
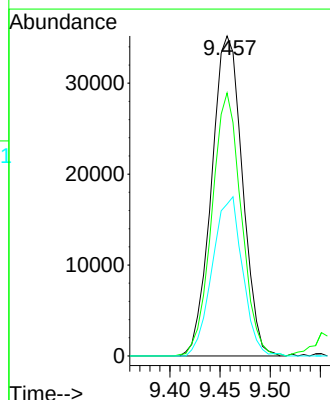
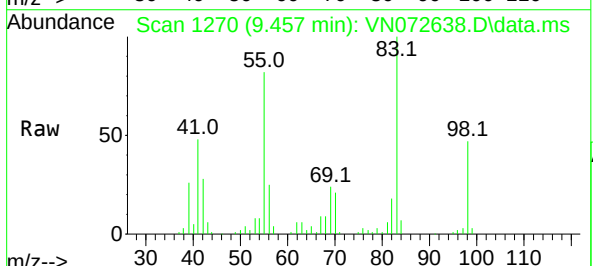
Tgt Ion: 83 Resp: 75409

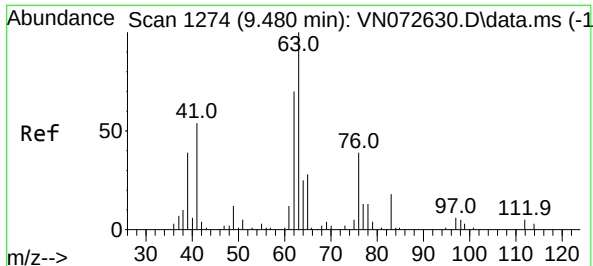
Ion Ratio Lower Upper

83 100

55 78.2 35.1 105.3

98 48.5 23.4 70.2





#39

1,2-Dichloropropane

Concen: 19.098 ug/l

RT: 9.486 min Scan# 1274

Delta R.T. 0.006 min

Lab File: VN072638.D

Acq: 26 May 2022 19:29

Instrument :

MSVOA_N

ClientSampleId :

VN0526WBSD01

Tgt Ion: 63 Resp: 53769

Ion Ratio Lower Upper

63 100

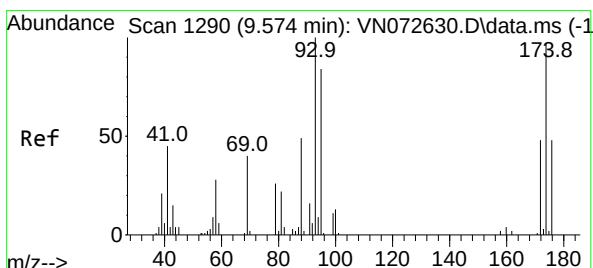
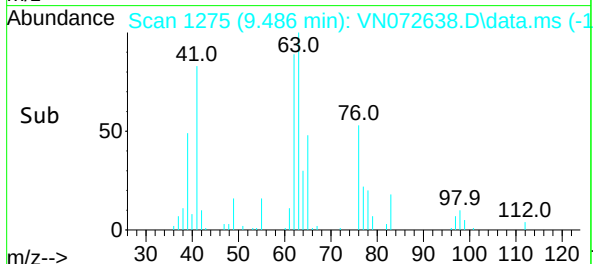
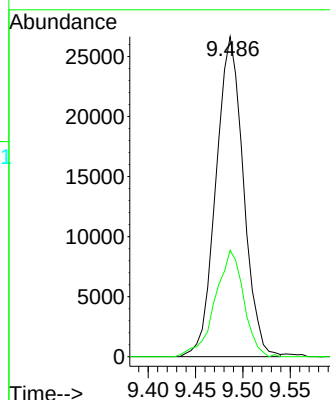
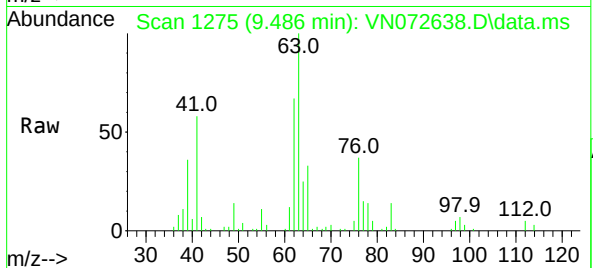
65 33.2 24.2 36.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/31/2022

Supervised By :Mahesh Dadoda 05/31/2022



#40

Dibromomethane

Concen: 19.220 ug/l

RT: 9.575 min Scan# 1290

Delta R.T. 0.000 min

Lab File: VN072638.D

Acq: 26 May 2022 19:29

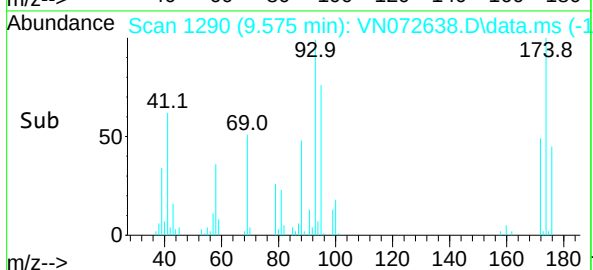
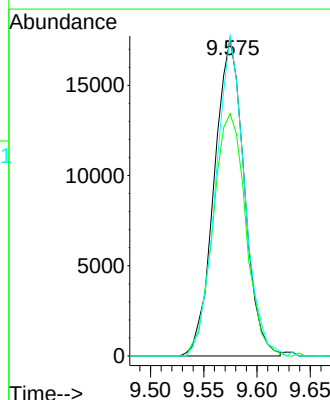
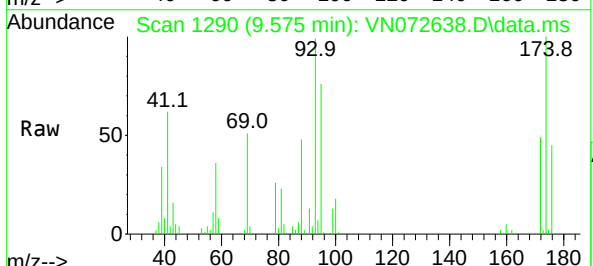
Tgt Ion: 93 Resp: 34313

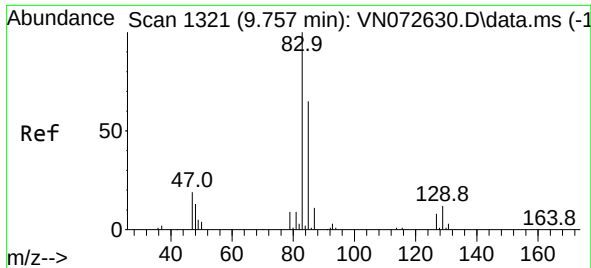
Ion Ratio Lower Upper

93 100

95 83.3 0.0 168.8

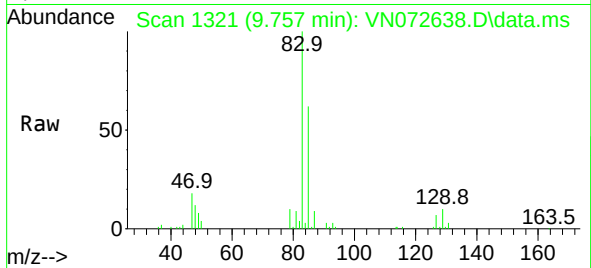
174 96.9 0.0 173.6





#41
Bromodichloromethane
Concen: 19.442 ug/l
RT: 9.757 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN072638.D
Acq: 26 May 2022 19:29

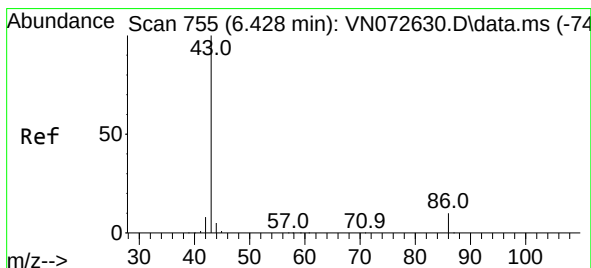
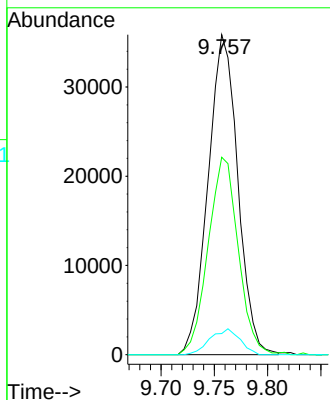
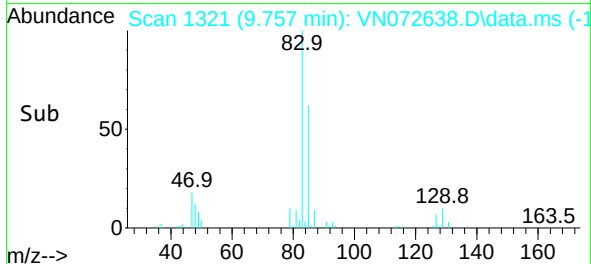
Instrument :
MSVOA_N
ClientSampleId :
VN0526WBSD01



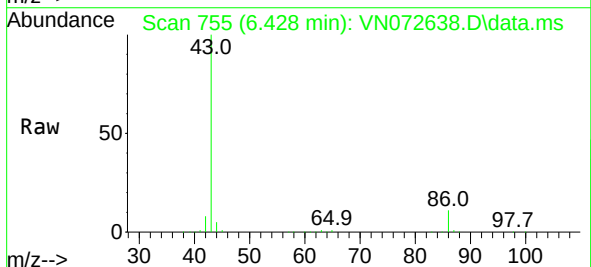
Tgt Ion: 83 Resp: 69570
Ion Ratio Lower Upper
83 100
85 61.7 54.1 81.1
127 6.6 7.6 11.4

Manual Integrations
APPROVED

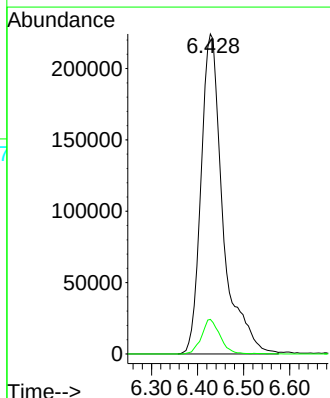
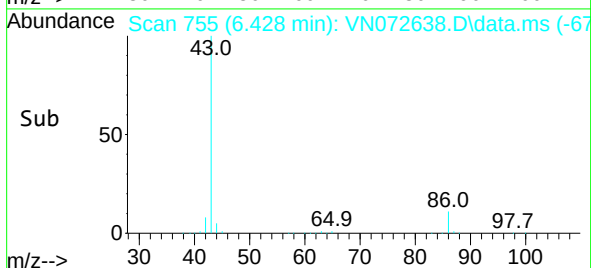
Reviewed By :John Carlone 05/31/2022
Supervised By :Mahesh Dadoda 05/31/2022

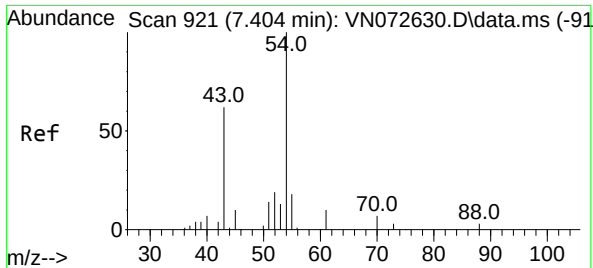


#42
Vinyl Acetate
Concen: 100.687 ug/l
RT: 6.428 min Scan# 755
Delta R.T. 0.000 min
Lab File: VN072638.D
Acq: 26 May 2022 19:29



Tgt Ion: 43 Resp: 743196
Ion Ratio Lower Upper
43 100
86 9.1 7.5 11.3





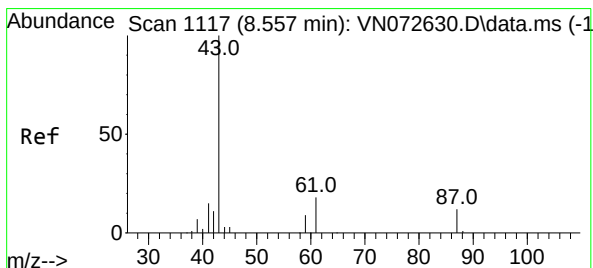
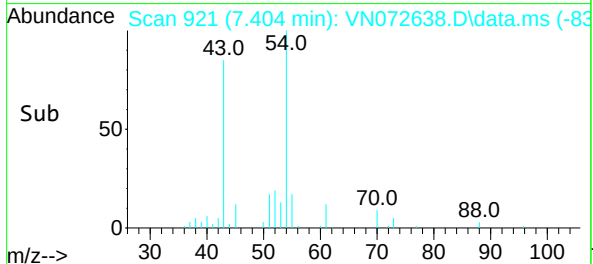
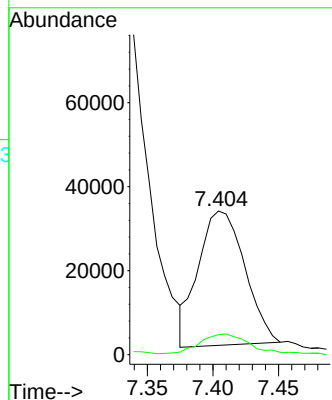
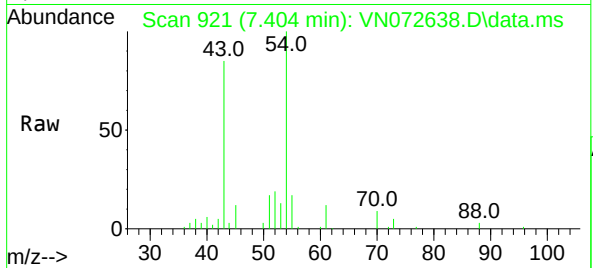
#43
Ethyl Acetate
Concen: 18.155 ug/l
RT: 7.404 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN072638.D
Acq: 26 May 2022 19:29

Instrument :
MSVOA_N
ClientSampleId :
VN0526WBSD01

Tgt Ion: 43 Resp: 78734
Ion Ratio Lower Upper
43 100
45 16.7 10.6 16.0

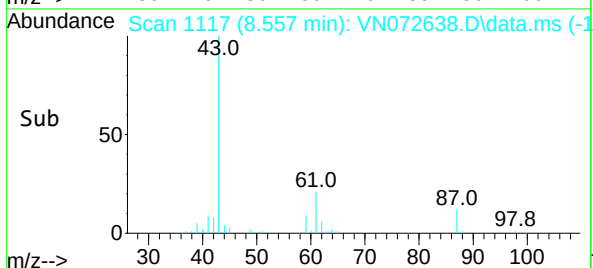
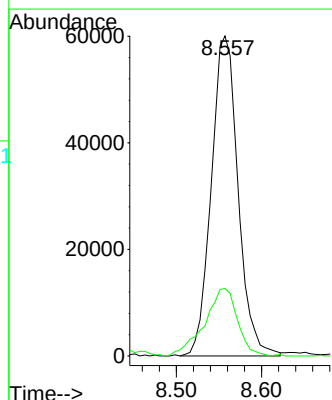
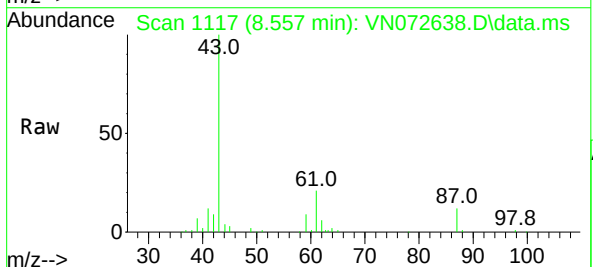
Manual Integrations
APPROVED

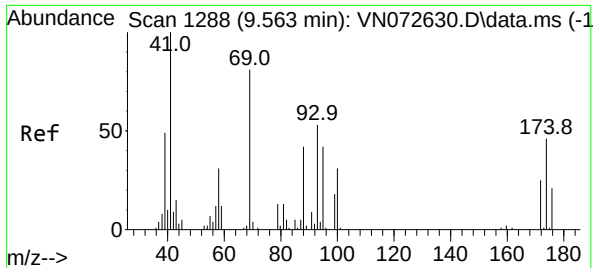
Reviewed By :John Carlone 05/31/2022
Supervised By :Mahesh Dadoda 05/31/2022



#44
Isopropyl Acetate
Concen: 19.394 ug/l
RT: 8.557 min Scan# 1117
Delta R.T. 0.000 min
Lab File: VN072638.D
Acq: 26 May 2022 19:29

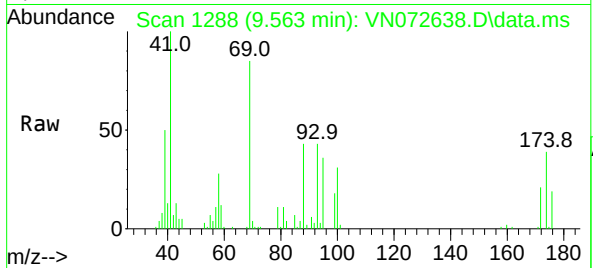
Tgt Ion: 43 Resp: 131053
Ion Ratio Lower Upper
43 100
61 25.9 20.1 30.1





#45
1,4-Dioxane
Concen: 432.076 ug/l
RT: 9.563 min Scan# 1288
Delta R.T. 0.000 min
Lab File: VN072638.D
Acq: 26 May 2022 19:29

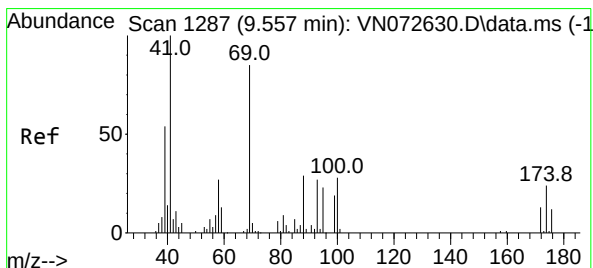
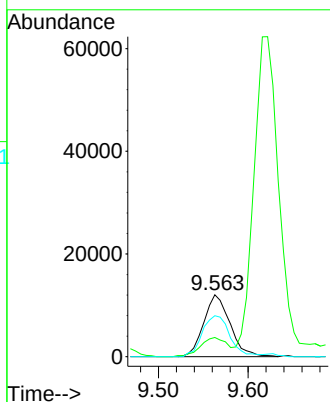
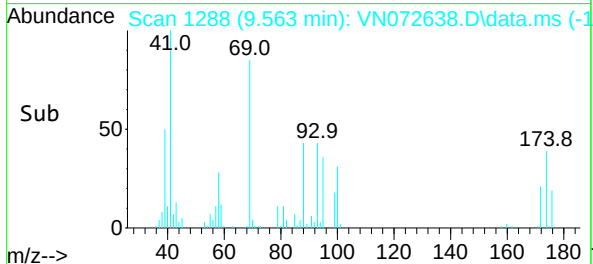
Instrument :
MSVOA_N
ClientSampleId :
VN0526WBSD01



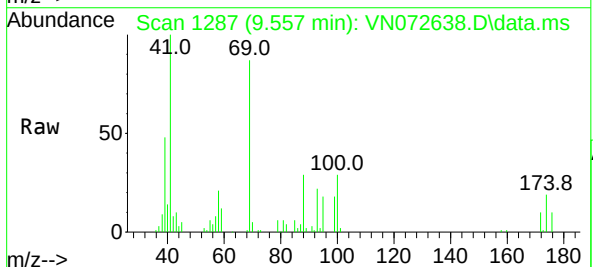
Tgt Ion: 88 Resp: 24480
Ion Ratio Lower Upper
88 100
43 31.0 25.0 37.6
58 70.1 49.4 74.2

Manual Integrations
APPROVED

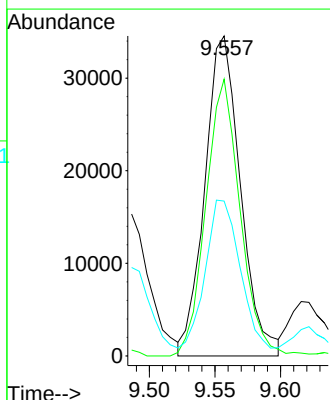
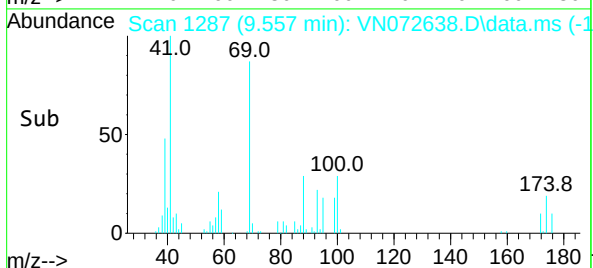
Reviewed By :John Carlone 05/31/2022
Supervised By :Mahesh Dadoda 05/31/2022

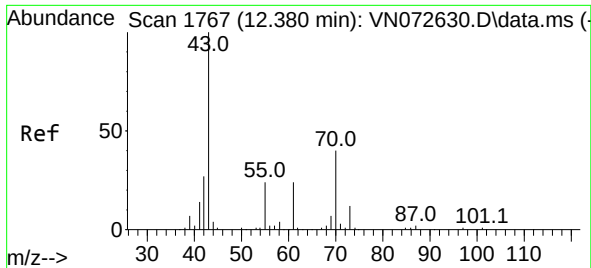


#46
Methyl methacrylate
Concen: 20.547 ug/l
RT: 9.557 min Scan# 1287
Delta R.T. 0.000 min
Lab File: VN072638.D
Acq: 26 May 2022 19:29



Tgt Ion: 41 Resp: 65417
Ion Ratio Lower Upper
41 100
69 89.2 44.4 133.2
39 47.9 39.9 119.6





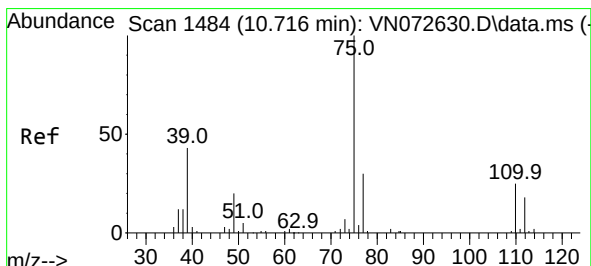
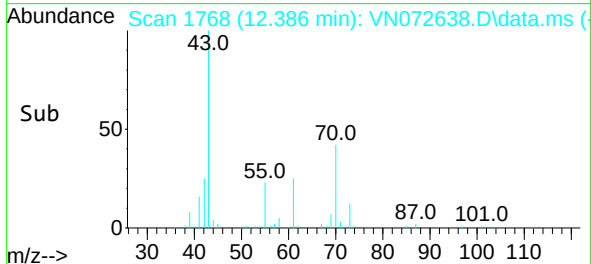
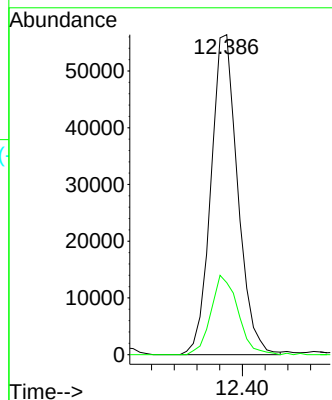
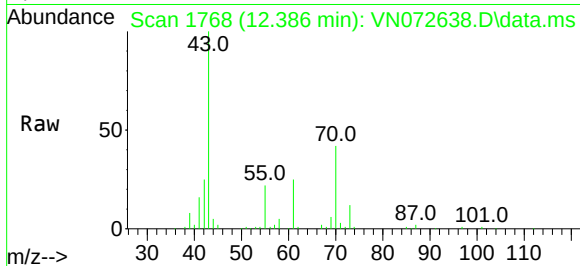
#47
n-amy1 Acetate
Concen: 18.786 ug/l
RT: 12.386 min Scan# 1768
Delta R.T. 0.006 min
Lab File: VN072638.D
Acq: 26 May 2022 19:29

Instrument :
MSVOA_N
ClientSampleId :
VN0526WBSD01

Tgt Ion: 43 Resp: 92489
Ion Ratio Lower Upper
43 100
55 24.9 19.0 28.6

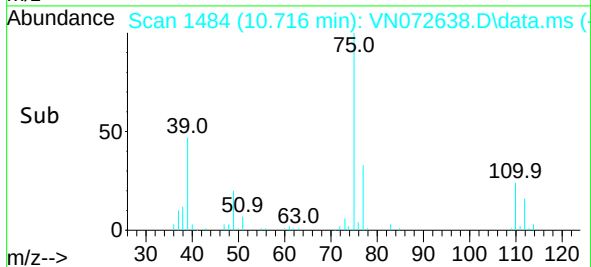
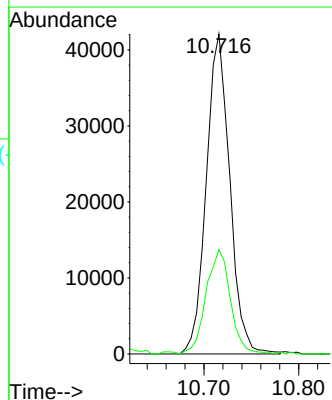
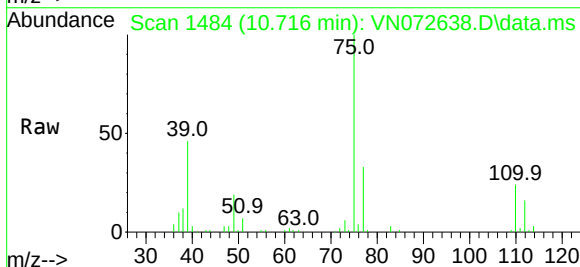
Manual Integrations
APPROVED

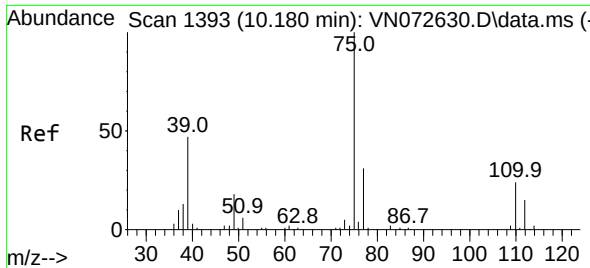
Reviewed By :John Carlone 05/31/2022
Supervised By :Mahesh Dadoda 05/31/2022



#48
t-1,3-Dichloropropene
Concen: 18.724 ug/l
RT: 10.716 min Scan# 1484
Delta R.T. 0.000 min
Lab File: VN072638.D
Acq: 26 May 2022 19:29

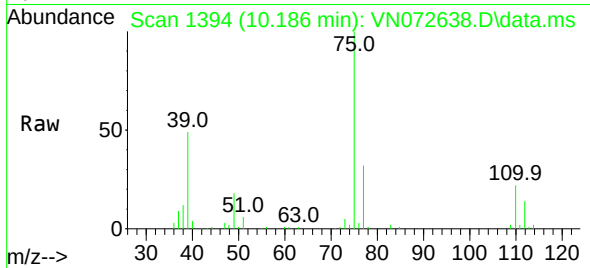
Tgt Ion: 75 Resp: 72379
Ion Ratio Lower Upper
75 100
77 32.6 25.3 37.9





#49
 cis-1,3-Dichloropropene
 Concen: 19.219 ug/l
 RT: 10.186 min Scan# 1393
 Delta R.T. 0.006 min
 Lab File: VN072638.D
 Acq: 26 May 2022 19:29

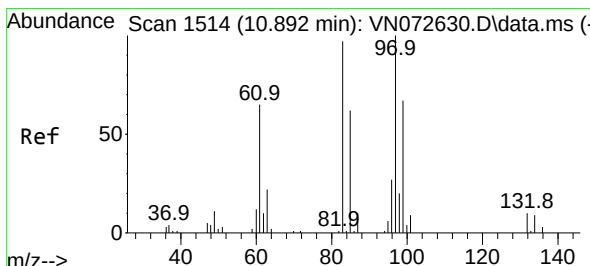
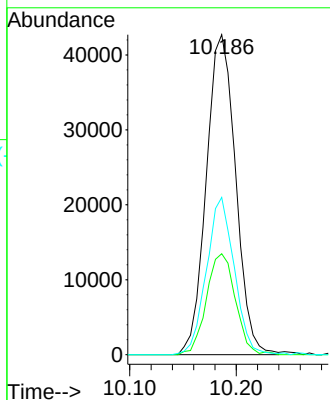
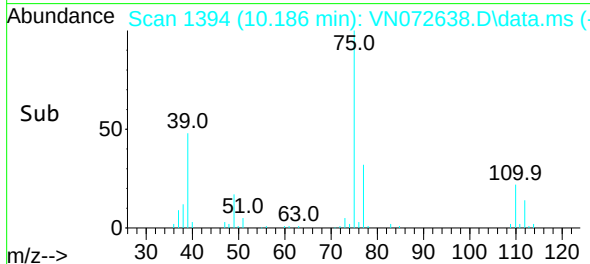
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0526WBSD01



Tgt Ion: 75 Resp: 81858
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.3 37.9
 39 48.7 46.2 69.4

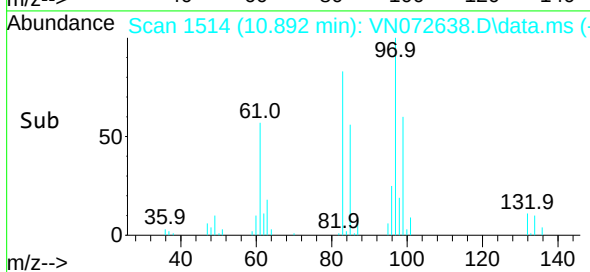
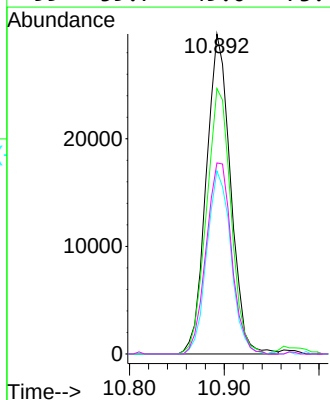
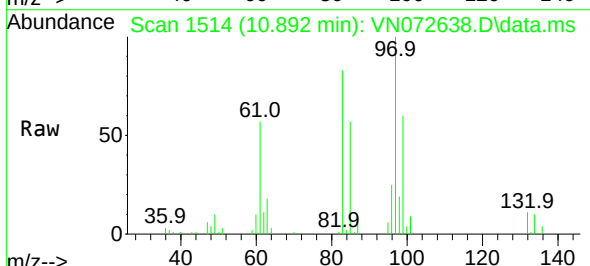
Manual Integrations
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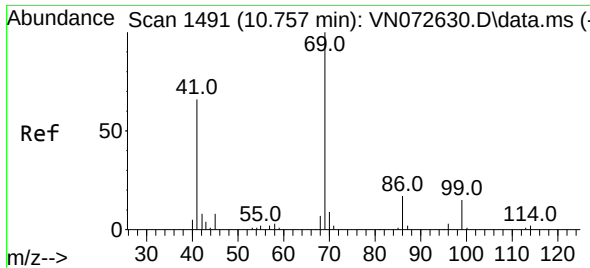
Reviewed By :John Carlone 05/31/2022
 Supervised By :Mahesh Dadoda 05/31/2022



#50
 1,1,2-Trichloroethane
 Concen: 20.241 ug/l
 RT: 10.892 min Scan# 1514
 Delta R.T. 0.000 min
 Lab File: VN072638.D
 Acq: 26 May 2022 19:29

Tgt Ion: 97 Resp: 53122
 Ion Ratio Lower Upper
 97 100
 83 82.9 67.2 100.8
 85 57.2 43.0 64.4
 99 59.7 49.0 73.4





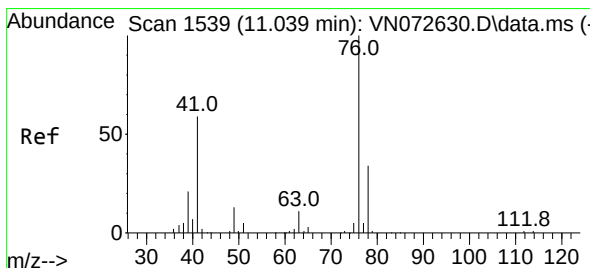
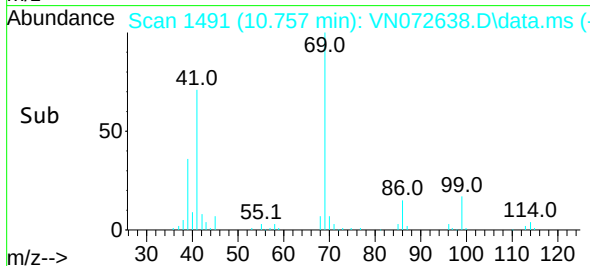
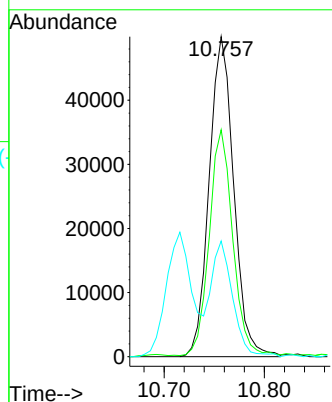
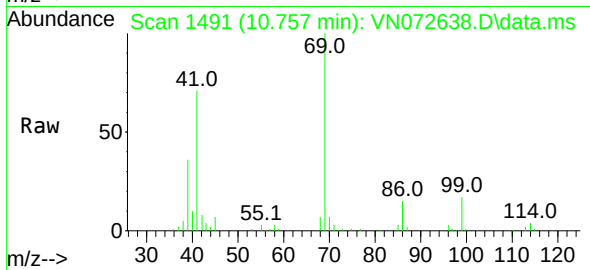
#51
Ethyl methacrylate
Concen: 19.211 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. 0.000 min
Lab File: VN072638.D
Acq: 26 May 2022 19:29

Instrument :
MSVOA_N
ClientSampleId :
VN0526WBSD01

Tgt Ion: 69 Resp: 8501
Ion Ratio Lower Upper
69 100
41 70.6 33.0 98.9
39 36.2 25.4 76.4

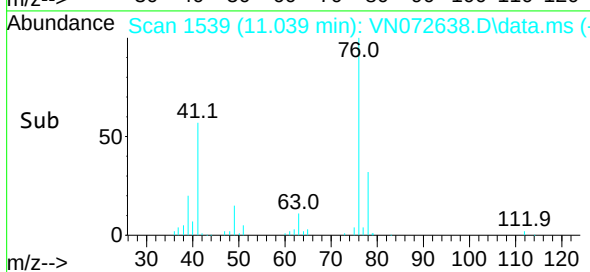
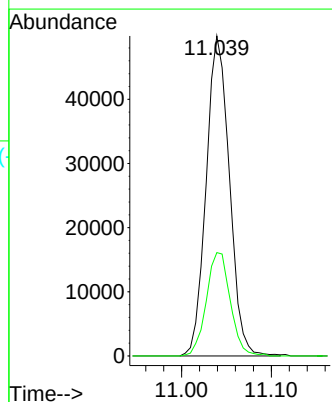
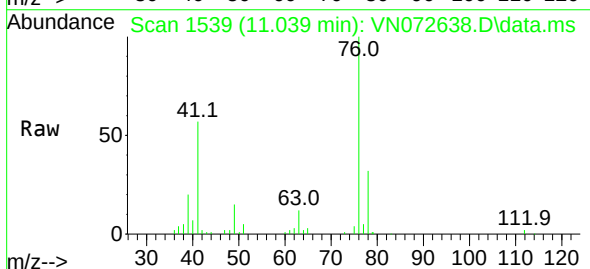
Manual Integrations
APPROVED

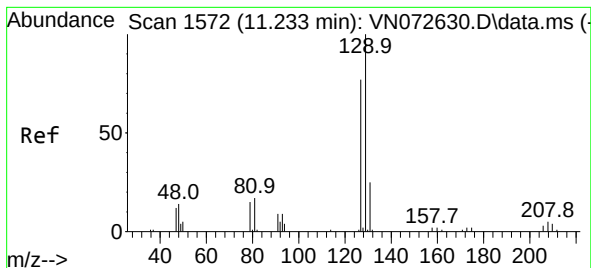
Reviewed By :John Carlone 05/31/2022
Supervised By :Mahesh Dadoda 05/31/2022



#52
1,3-Dichloropropane
Concen: 19.396 ug/l
RT: 11.039 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VN072638.D
Acq: 26 May 2022 19:29

Tgt Ion: 76 Resp: 89766
Ion Ratio Lower Upper
76 100
78 33.2 0.0 65.4





#53

Dibromochloromethane

Concen: 19.739 ug/l

RT: 11.233 min Scan# 1572

Delta R.T. 0.000 min

Lab File: VN072638.D

Acq: 26 May 2022 19:29

Instrument :

MSVOA_N

ClientSampleId :

VN0526WBSD01

Tgt Ion:129 Resp: 53259

Ion Ratio Lower Upper

129 100

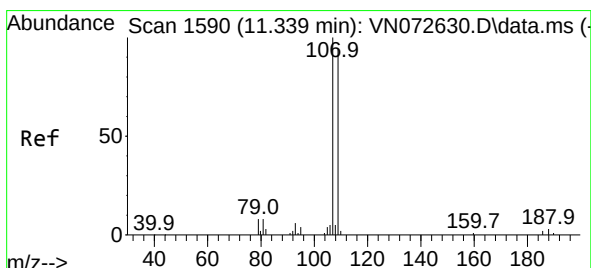
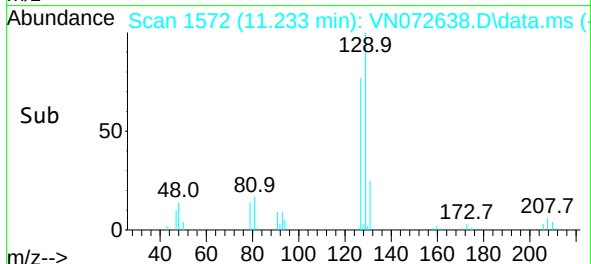
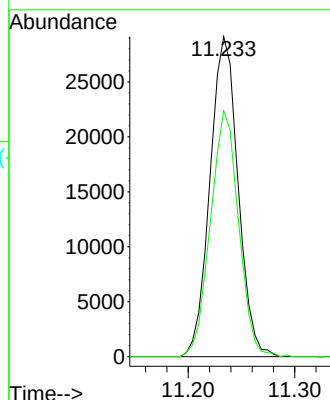
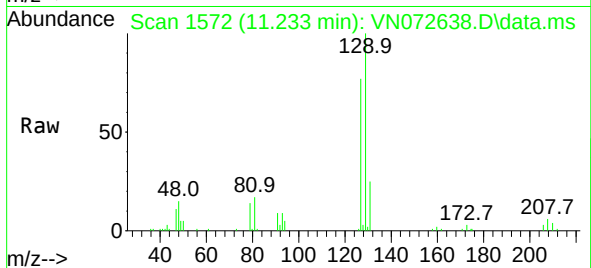
127 77.0 39.0 117.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/31/2022

Supervised By :Mahesh Dadoda 05/31/2022



#54

1,2-Dibromoethane

Concen: 19.620 ug/l

RT: 11.339 min Scan# 1590

Delta R.T. 0.000 min

Lab File: VN072638.D

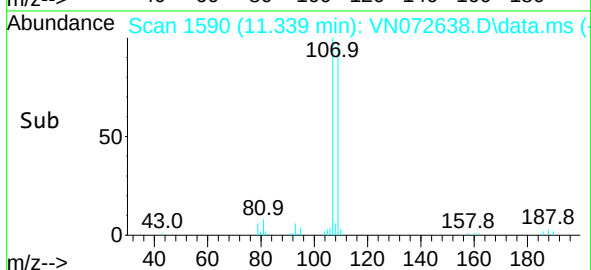
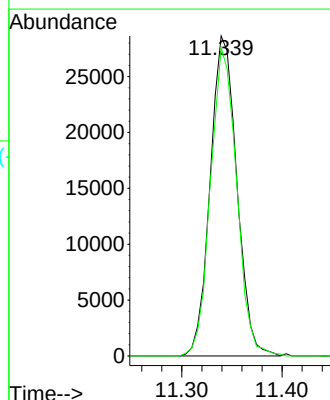
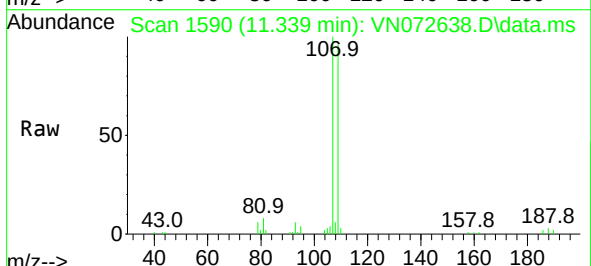
Acq: 26 May 2022 19:29

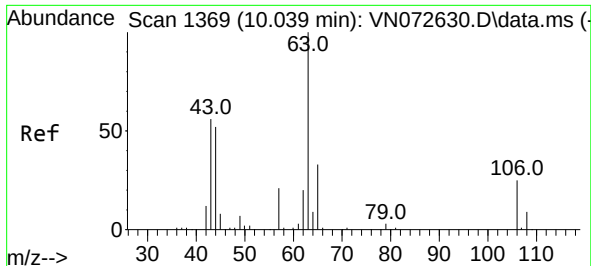
Tgt Ion:107 Resp: 52875

Ion Ratio Lower Upper

107 100

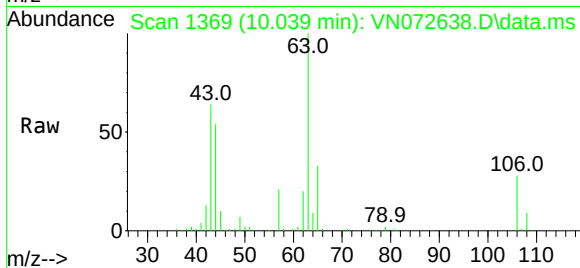
109 94.5 72.8 109.2





#55
2-Chloroethyl vinyl ether
Concen: 85.918 ug/l
RT: 10.039 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VN072638.D
Acq: 26 May 2022 19:29

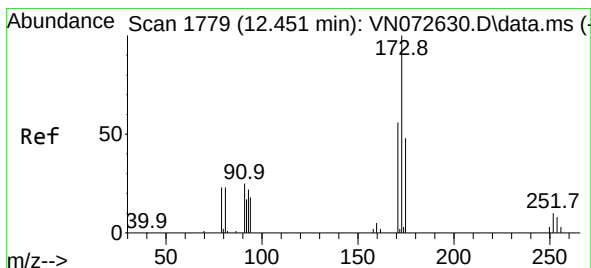
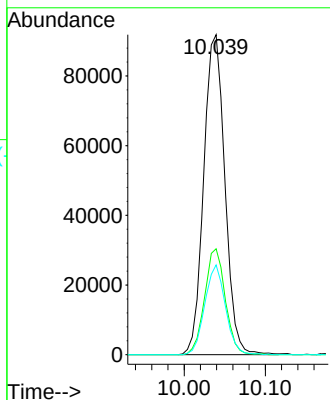
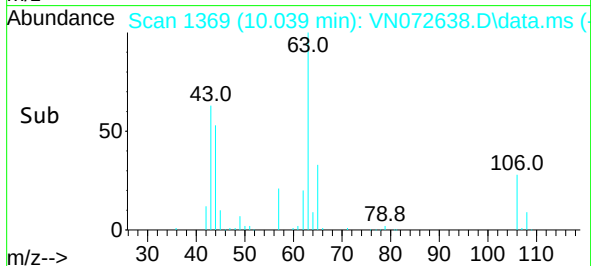
Instrument :
MSVOA_N
ClientSampleId :
VN0526WBSD01



Tgt Ion: 63 Resp: 166312
Ion Ratio Lower Upper
63 100
65 32.2 25.4 38.0
106 27.4 23.2 34.8

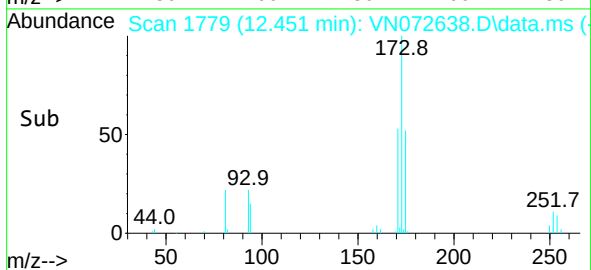
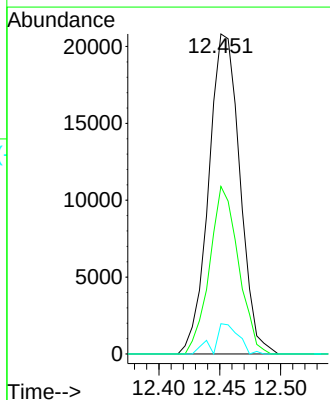
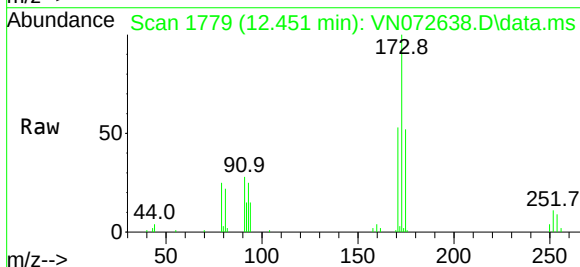
Manual Integrations
APPROVED

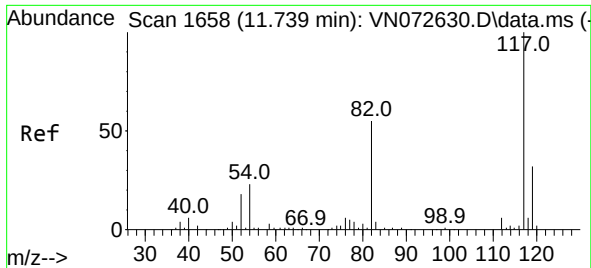
Reviewed By :John Carlone 05/31/2022
Supervised By :Mahesh Dadoda 05/31/2022



#56
Bromoform
Concen: 19.062 ug/l
RT: 12.451 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VN072638.D
Acq: 26 May 2022 19:29

Tgt Ion:173 Resp: 37132
Ion Ratio Lower Upper
173 100
175 48.5 38.6 58.0
254 5.9 0.0 0.0#





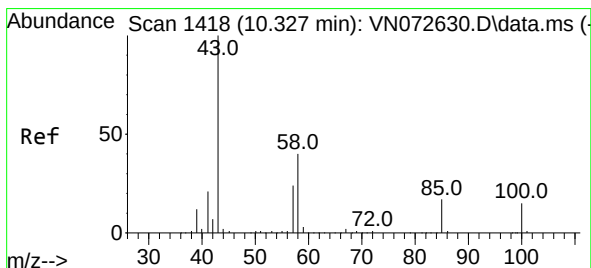
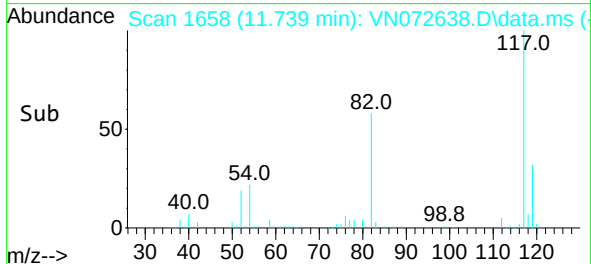
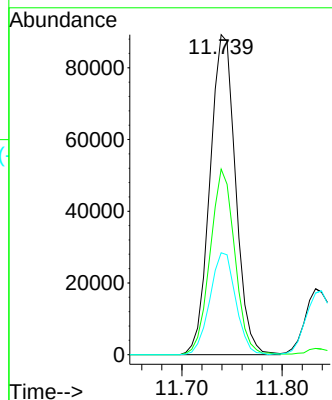
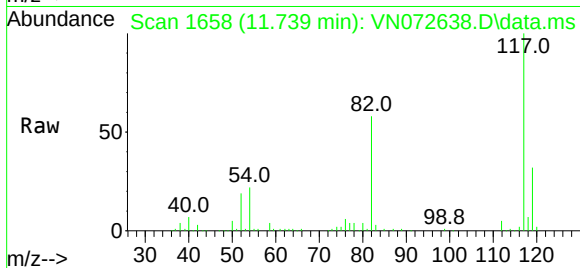
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN072638.D
Acq: 26 May 2022 19:29

Instrument :
MSVOA_N
ClientSampleId :
VN0526WBSD01

Tgt Ion:117 Resp: 158320
Ion Ratio Lower Upper
117 100
82 55.7 43.6 65.4
119 32.1 25.8 38.6

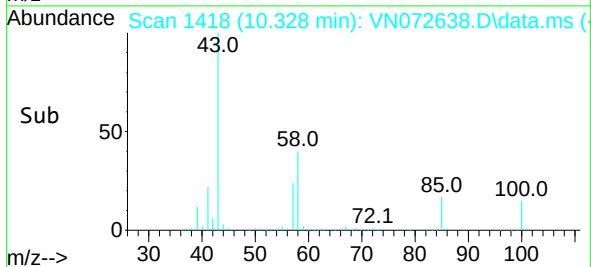
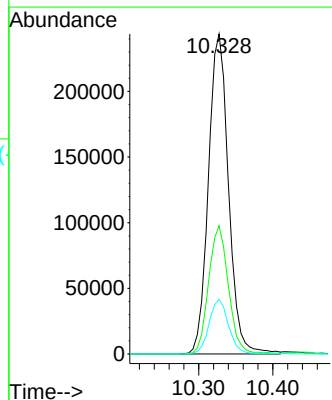
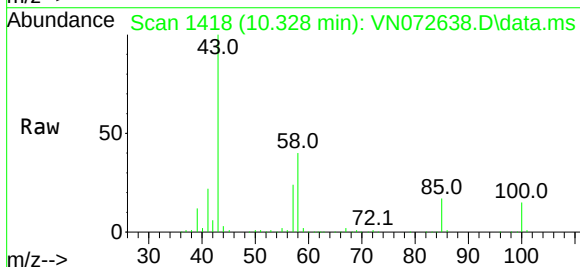
Manual Integrations
APPROVED

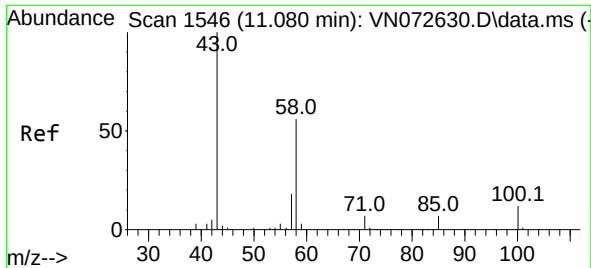
Reviewed By :John Carlone 05/31/2022
Supervised By :Mahesh Dadoda 05/31/2022



#58
4-Methyl-2-Pentanone
Concen: 100.440 ug/l
RT: 10.328 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VN072638.D
Acq: 26 May 2022 19:29

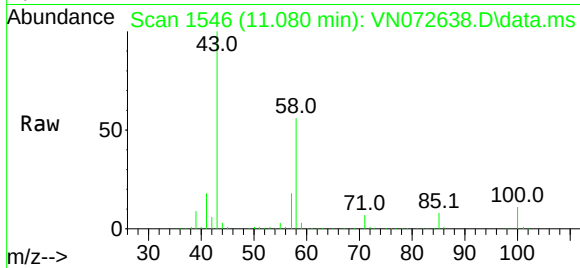
Tgt Ion: 43 Resp: 459337
Ion Ratio Lower Upper
43 100
58 39.5 30.0 45.0
85 16.5 15.0 22.6





#59
2-Hexanone
Concen: 101.232 ug/l
RT: 11.080 min Scan# 1546
Delta R.T. 0.000 min
Lab File: VN072638.D
Acq: 26 May 2022 19:29

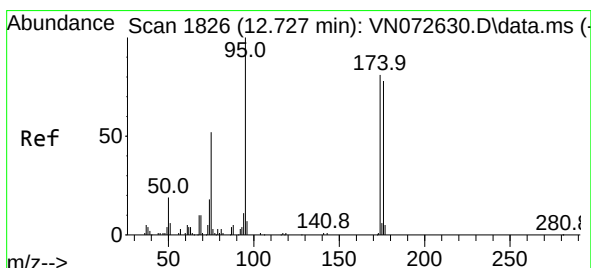
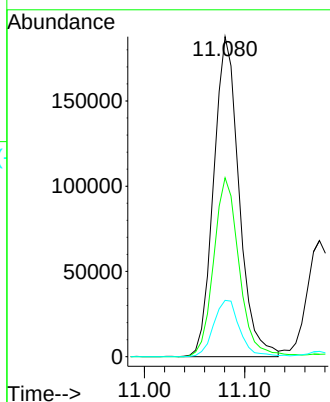
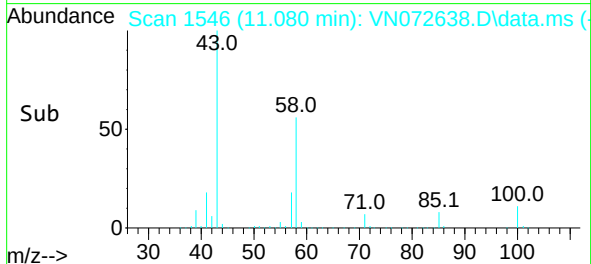
Instrument :
MSVOA_N
ClientSampleId :
VN0526WBSD01



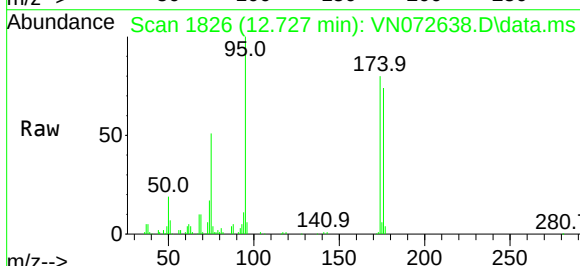
Tgt Ion: 43 Resp: 330169
Ion Ratio Lower Upper
43 100
58 56.1 42.2 63.2
57 18.2 15.0 22.4

Manual Integrations
APPROVED

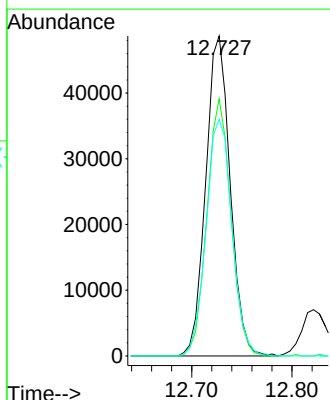
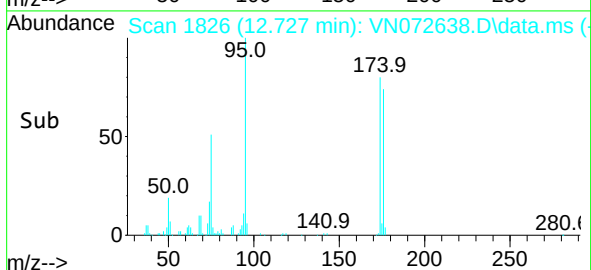
Reviewed By :John Carlone 05/31/2022
Supervised By :Mahesh Dadoda 05/31/2022

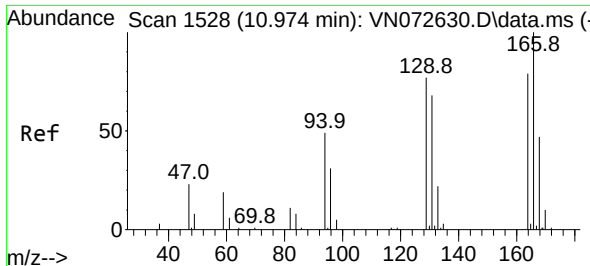


#60
4-Bromofluorobenzene
Concen: 29.696 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072638.D
Acq: 26 May 2022 19:29



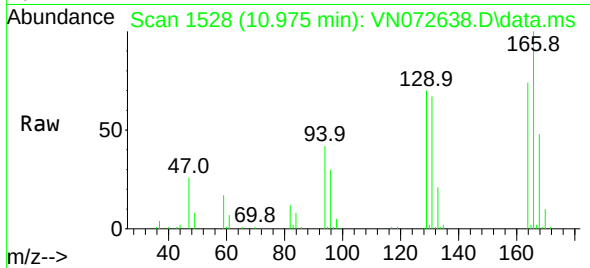
Tgt Ion: 95 Resp: 82571
Ion Ratio Lower Upper
95 100
174 79.0 62.9 94.3
176 78.1 61.0 91.4





#61
Tetrachloroethene
Concen: 19.962 ug/l
RT: 10.975 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN072638.D
Acq: 26 May 2022 19:29

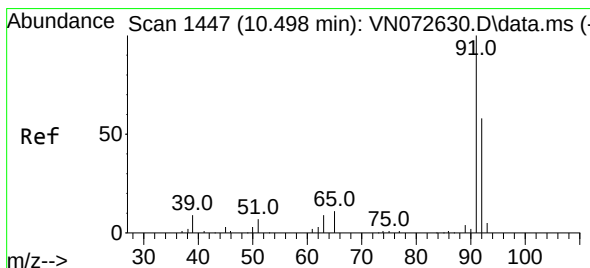
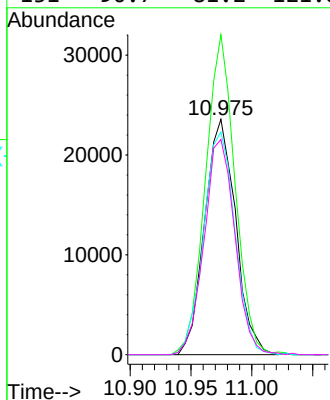
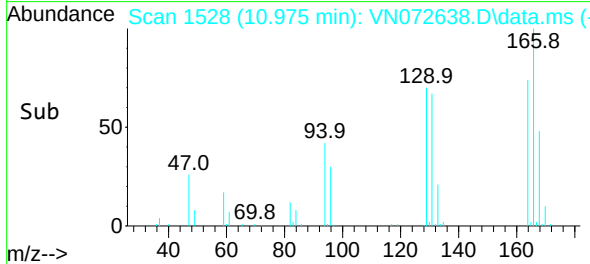
Instrument :
MSVOA_N
ClientSampleId :
VN0526WBSD01



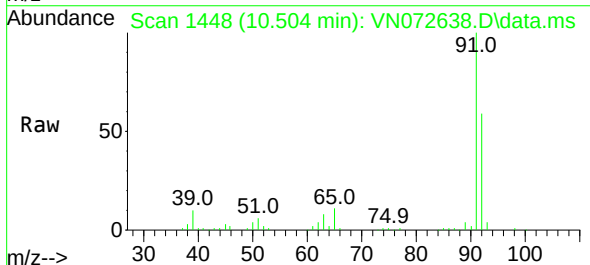
Tgt Ion:164 Resp: 4182
Ion Ratio Lower Upper
164 100
166 134.8 105.8 158.8
129 94.6 82.5 123.7
131 90.7 81.2 121.8

Manual Integrations
APPROVED

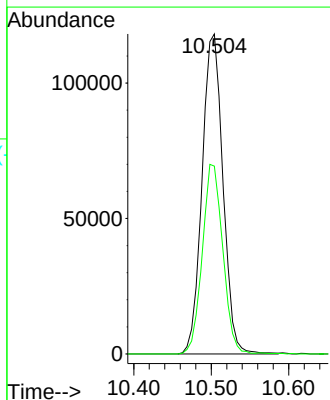
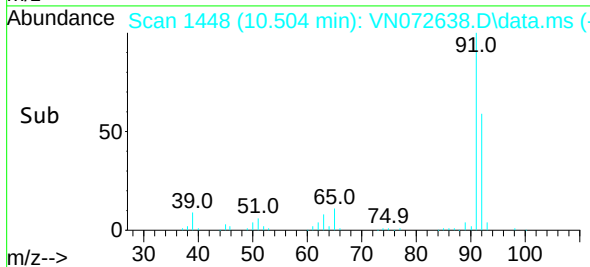
Reviewed By :John Carlone 05/31/2022
Supervised By :Mahesh Dadoda 05/31/2022

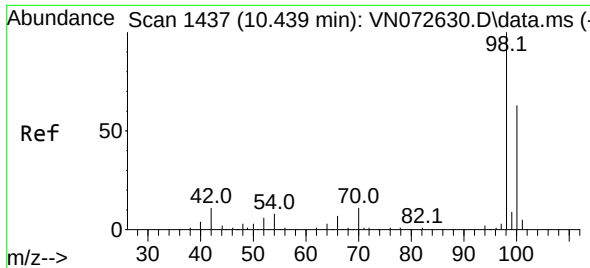


#62
Toluene
Concen: 19.867 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. 0.006 min
Lab File: VN072638.D
Acq: 26 May 2022 19:29



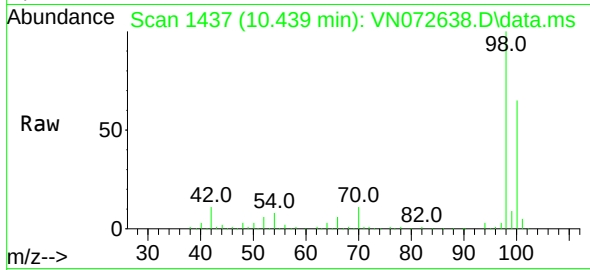
Tgt Ion: 91 Resp: 220824
Ion Ratio Lower Upper
91 100
92 58.2 44.6 67.0





#63
Toluene-d8
Concen: 30.809 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072638.D
Acq: 26 May 2022 19:29

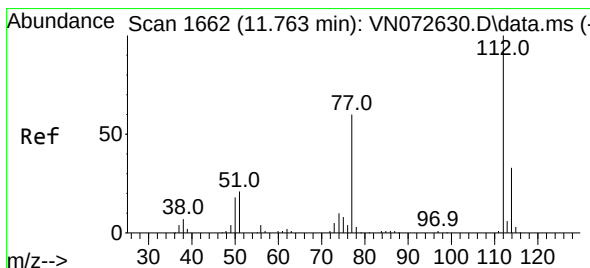
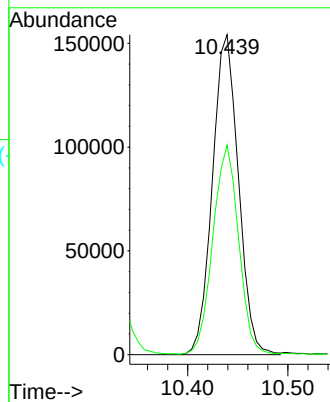
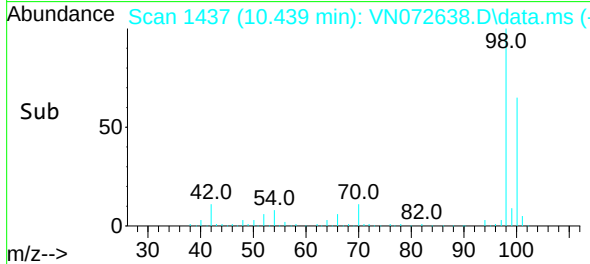
Instrument :
MSVOA_N
ClientSampleId :
VN0526WBSD01



Tgt Ion: 98 Resp: 277350
Ion Ratio Lower Upper
98 100
100 64.9 50.6 76.0

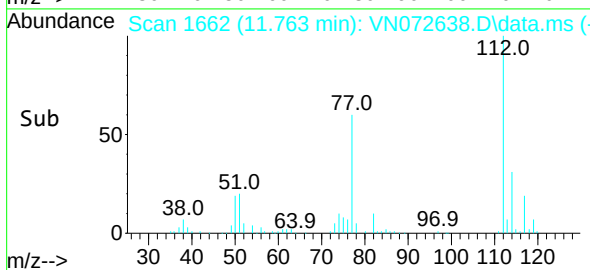
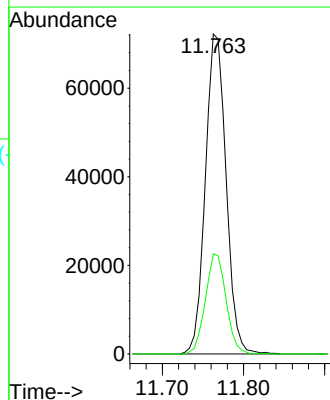
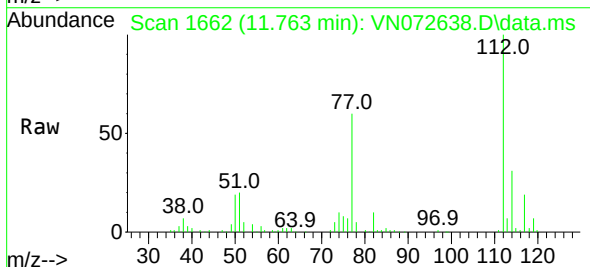
Manual Integrations
APPROVED

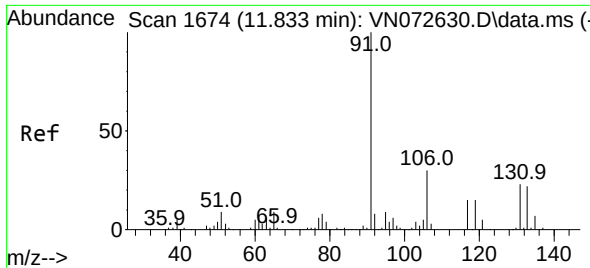
Reviewed By :John Carlone 05/31/2022
Supervised By :Mahesh Dadoda 05/31/2022



#64
Chlorobenzene
Concen: 19.847 ug/l
RT: 11.763 min Scan# 1662
Delta R.T. 0.000 min
Lab File: VN072638.D
Acq: 26 May 2022 19:29

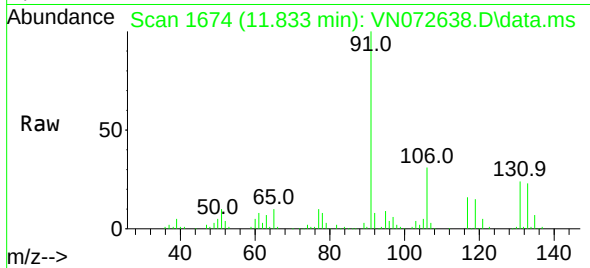
Tgt Ion:112 Resp: 128183
Ion Ratio Lower Upper
112 100
114 31.3 25.8 38.6





#65
1,1,1,2-Tetrachloroethane
Concen: 19.252 ug/l
RT: 11.833 min Scan# 1674
Delta R.T. 0.000 min
Lab File: VN072638.D
Acq: 26 May 2022 19:29

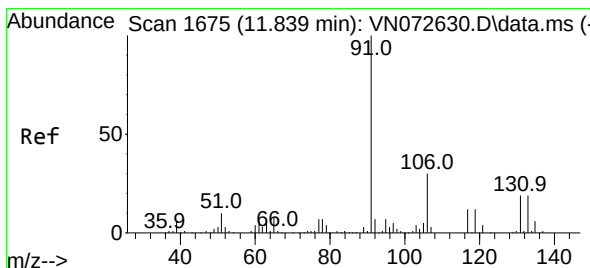
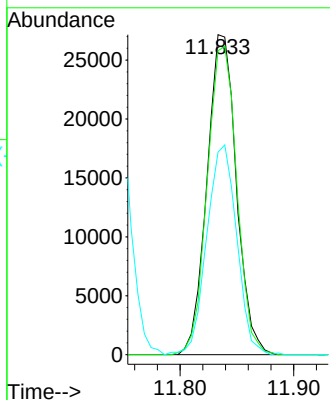
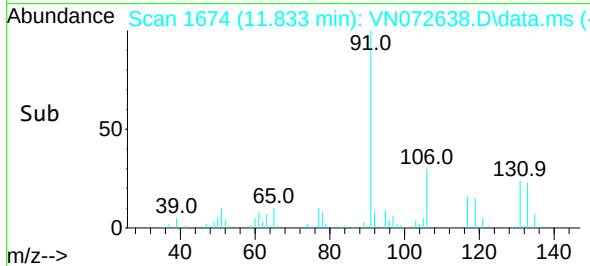
Instrument :
MSVOA_N
ClientSampleId :
VN0526WBSD01



Tgt Ion:131 Resp: 48962
Ion Ratio Lower Upper
131 100
133 96.8 0.0 191.2
119 66.4 0.0 128.8

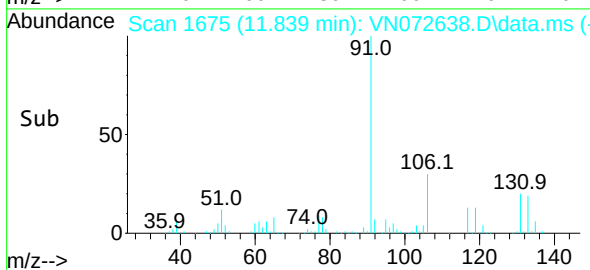
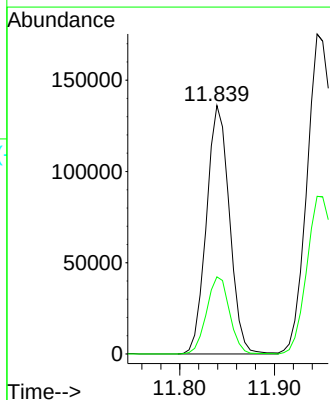
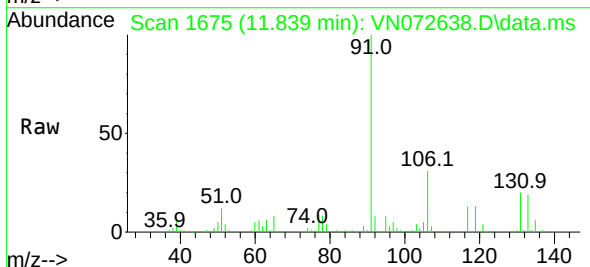
Manual Integrations
APPROVED

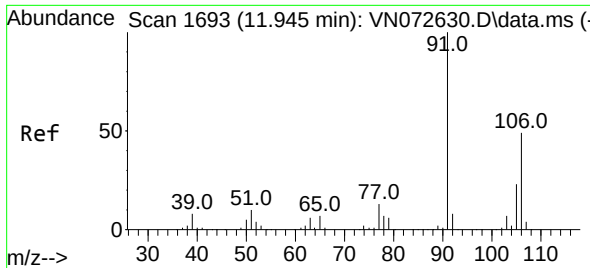
Reviewed By :John Carlone 05/31/2022
Supervised By :Mahesh Dadoda 05/31/2022



#66
Ethyl Benzene
Concen: 18.782 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN072638.D
Acq: 26 May 2022 19:29

Tgt Ion: 91 Resp: 230287
Ion Ratio Lower Upper
91 100
106 31.1 24.0 36.0





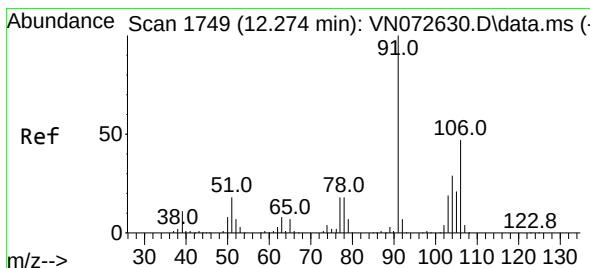
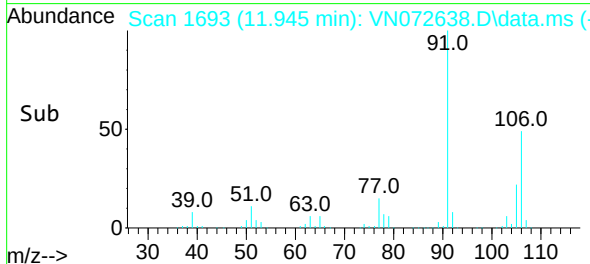
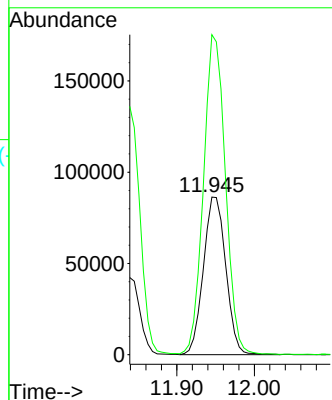
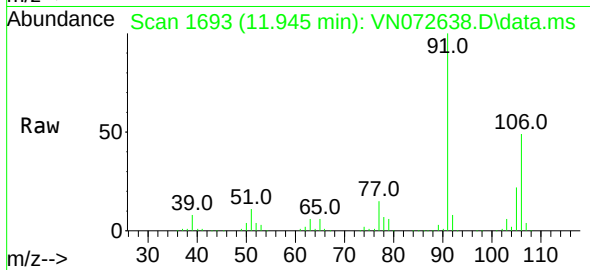
#67
m/p-Xylenes
Concen: 38.934 ug/l
RT: 11.945 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VN072638.D
Acq: 26 May 2022 19:29

Instrument :
MSVOA_N
ClientSampleId :
VN0526WBSD01

Tgt Ion:106 Resp: 173504
Ion Ratio Lower Upper
106 100
91 198.8 162.9 244.3

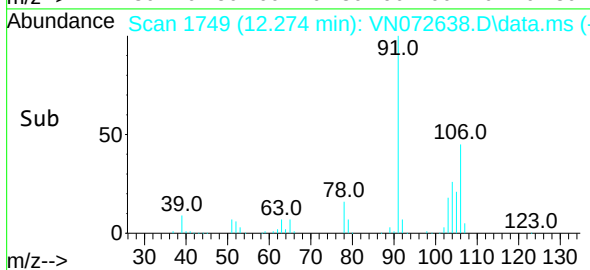
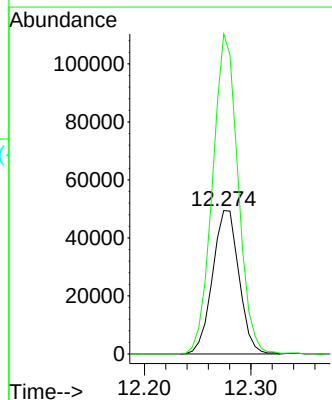
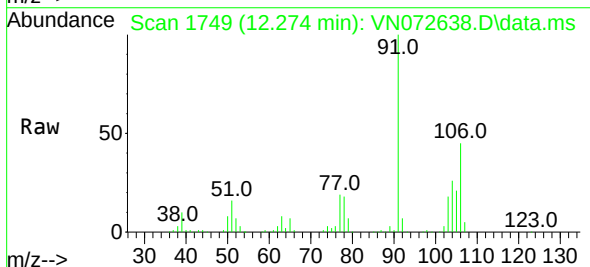
Manual Integrations
APPROVED

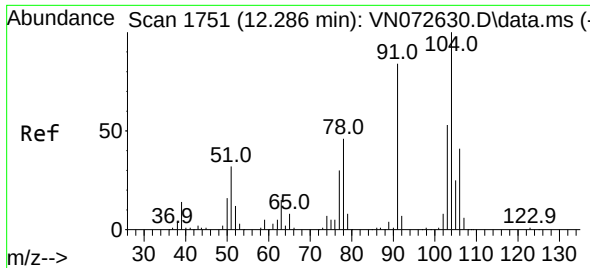
Reviewed By :John Carlone 05/31/2022
Supervised By :Mahesh Dadoda 05/31/2022



#68
o-Xylene
Concen: 19.243 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VN072638.D
Acq: 26 May 2022 19:29

Tgt Ion:106 Resp: 85317
Ion Ratio Lower Upper
106 100
91 214.3 107.7 323.1





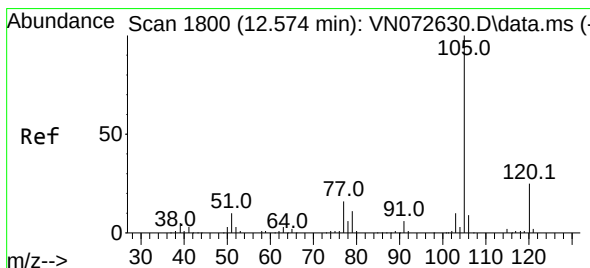
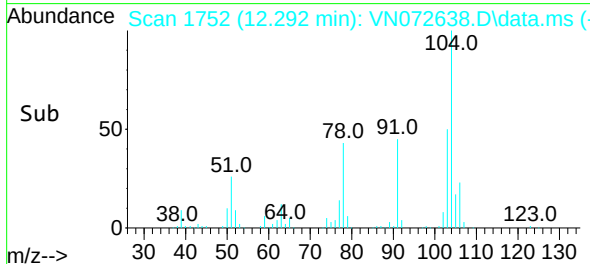
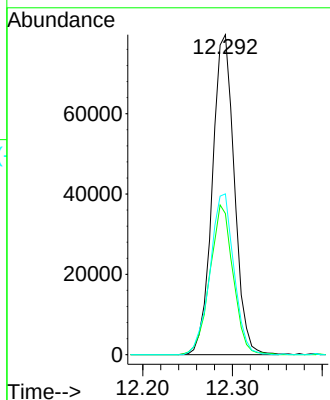
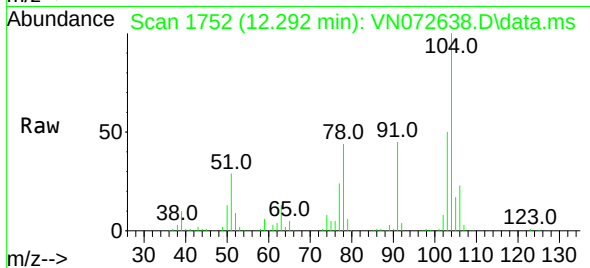
#69
Styrene
Concen: 19.366 ug/l
RT: 12.292 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN072638.D
Acq: 26 May 2022 19:29

Instrument :
MSVOA_N
ClientSampleId :
VN0526WBSD01

Tgt Ion:104 Resp: 13603
Ion Ratio Lower Upper
104 100
78 49.2 40.7 61.1
103 54.4 45.8 68.8

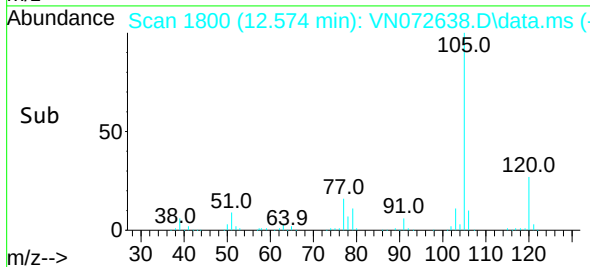
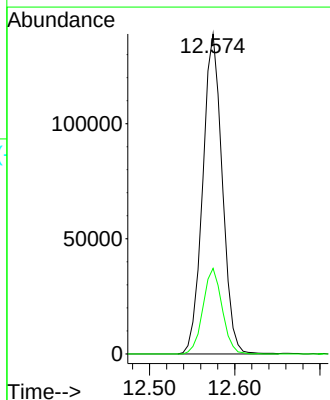
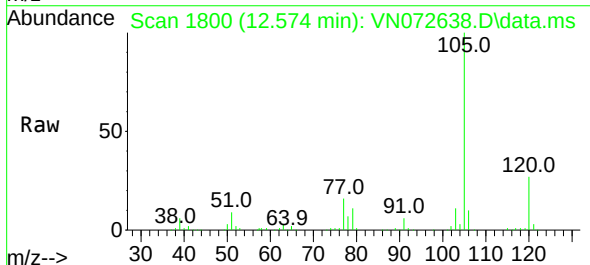
Manual Integrations
APPROVED

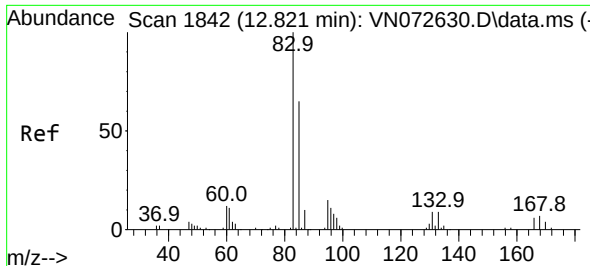
Reviewed By :John Carlone 05/31/2022
Supervised By :Mahesh Dadoda 05/31/2022



#70
Isopropylbenzene
Concen: 19.510 ug/l
RT: 12.574 min Scan# 1800
Delta R.T. 0.000 min
Lab File: VN072638.D
Acq: 26 May 2022 19:29

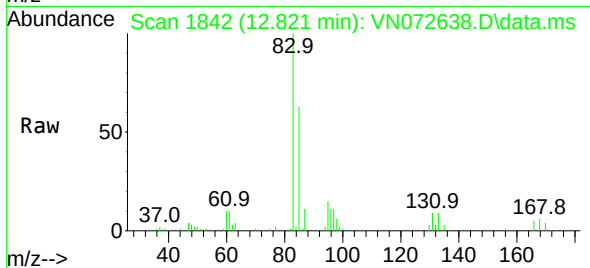
Tgt Ion:105 Resp: 221001
Ion Ratio Lower Upper
105 100
120 26.2 18.3 34.1





#71
1,1,2,2-Tetrachloroethane
Concen: 20.546 ug/l
RT: 12.821 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VN072638.D
Acq: 26 May 2022 19:29

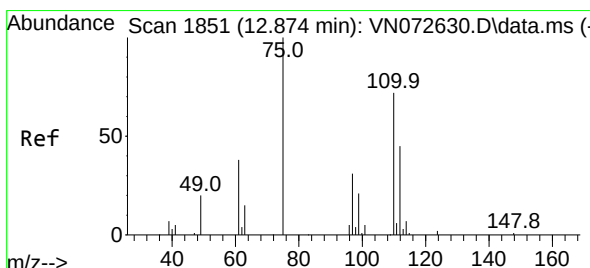
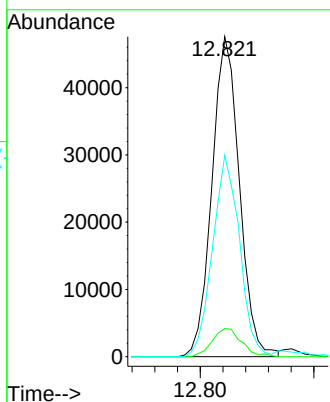
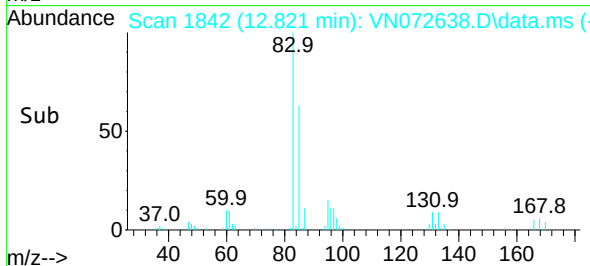
Instrument :
MSVOA_N
ClientSampleId :
VN0526WBSD01



Tgt Ion: 83 Resp: 7990
Ion Ratio Lower Upper
83 100
131 9.4 5.1 15.3
85 61.7 33.1 99.2

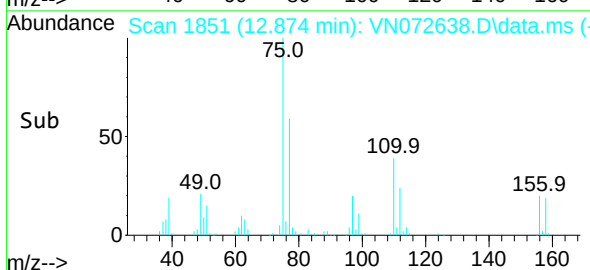
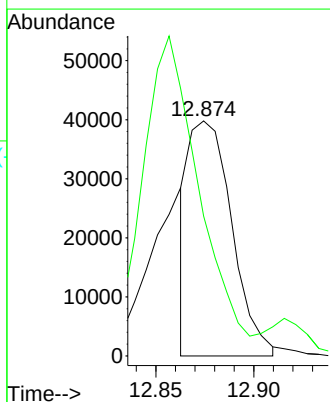
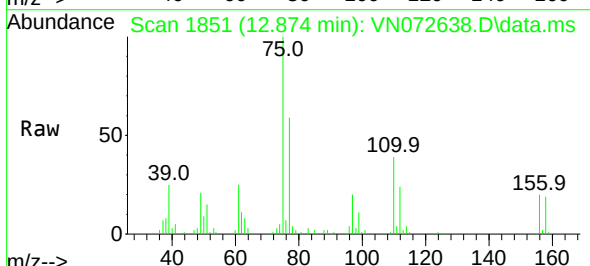
Manual Integrations
APPROVED

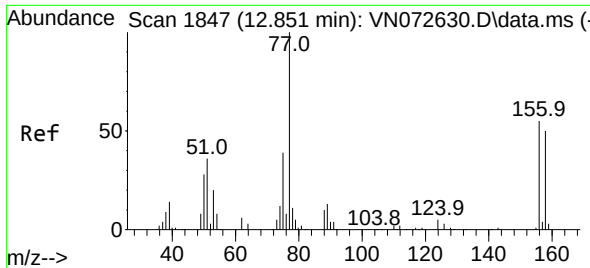
Reviewed By :John Carlone 05/31/2022
Supervised By :Mahesh Dadoda 05/31/2022



#72
1,2,3-Trichloropropane
Concen: 18.463 ug/l m
RT: 12.874 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN072638.D
Acq: 26 May 2022 19:29

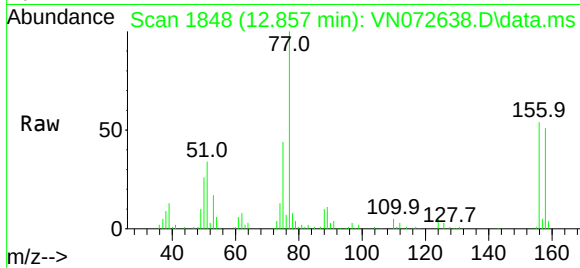
Tgt Ion: 75 Resp: 60588
Ion Ratio Lower Upper
75 100
77 181.1 0.0 378.0





#73
Bromobenzene
Concen: 20.141 ug/l
RT: 12.857 min Scan# 1847
Delta R.T. 0.006 min
Lab File: VN072638.D
Acq: 26 May 2022 19:29

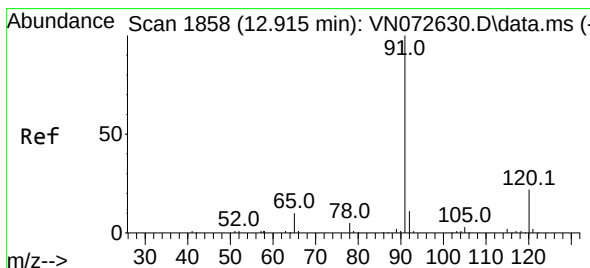
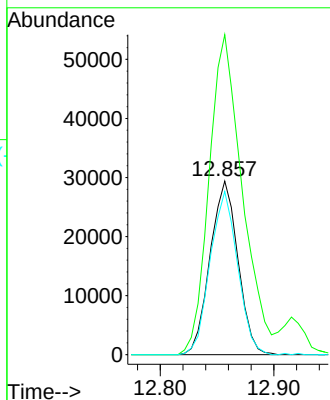
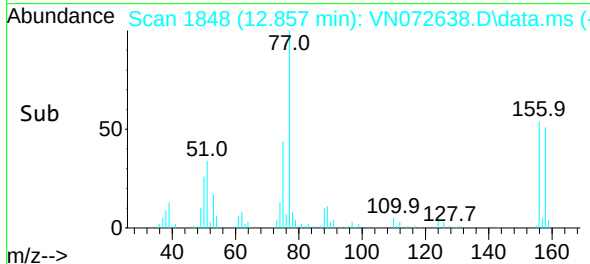
Instrument :
MSVOA_N
ClientSampleId :
VN0526WBSD01



Tgt Ion:156 Resp: 50120
Ion Ratio Lower Upper
156 100
77 218.9 0.0 416.0
158 92.9 0.0 195.4

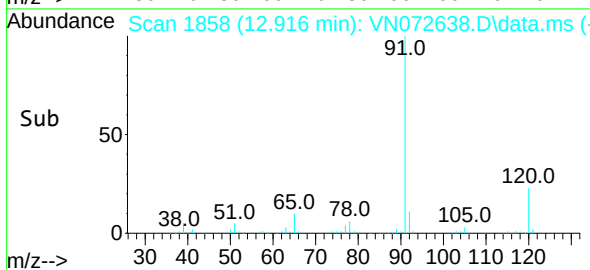
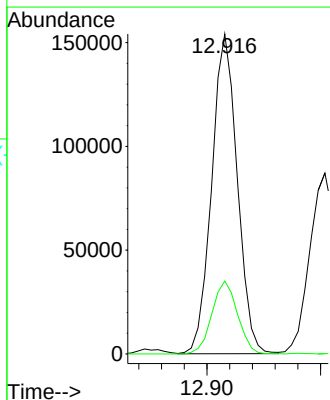
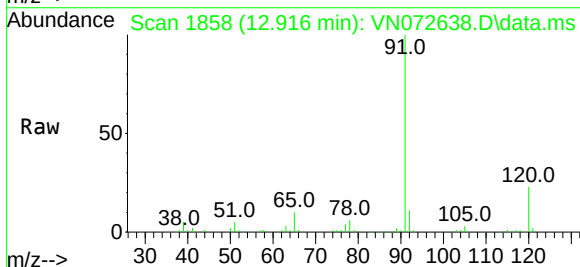
Manual Integrations
APPROVED

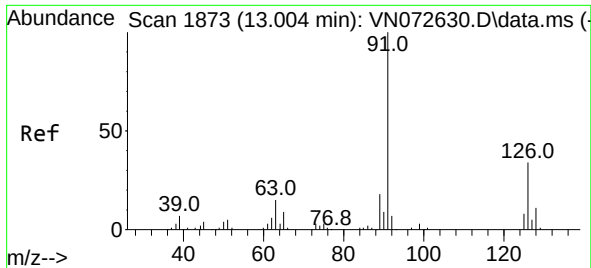
Reviewed By :John Carlone 05/31/2022
Supervised By :Mahesh Dadoda 05/31/2022



#74
n-propylbenzene
Concen: 18.822 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN072638.D
Acq: 26 May 2022 19:29

Tgt Ion: 91 Resp: 241075
Ion Ratio Lower Upper
91 100
120 22.8 0.0 45.0





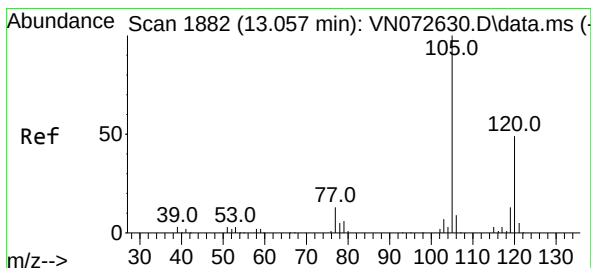
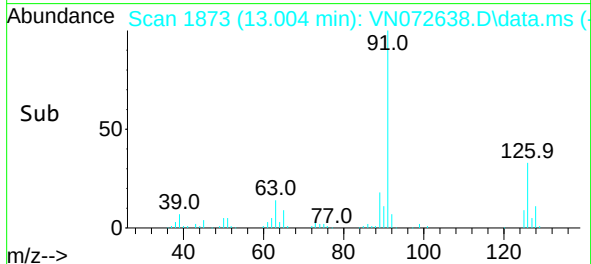
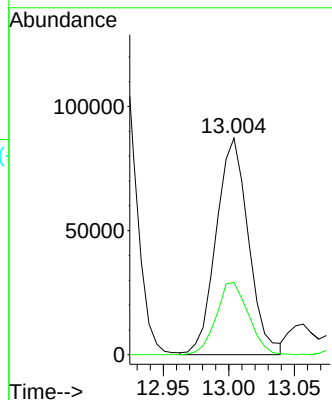
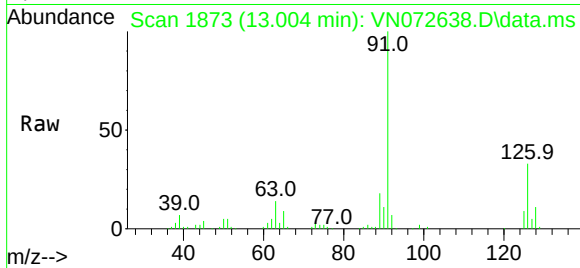
#75
2-Chlorotoluene
Concen: 19.261 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. 0.000 min
Lab File: VN072638.D
Acq: 26 May 2022 19:29

Instrument :
MSVOA_N
ClientSampleId :
VN0526WBSD01

Tgt Ion: 91 Resp: 149629
Ion Ratio Lower Upper
91 100
126 33.3 0.0 69.8

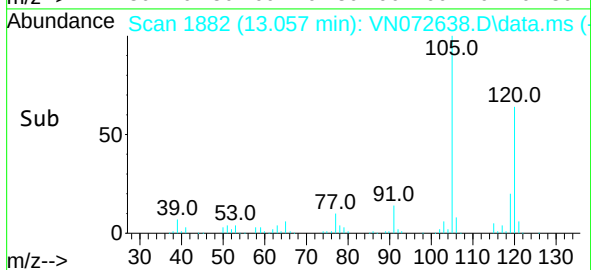
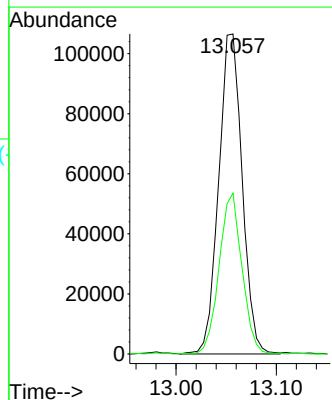
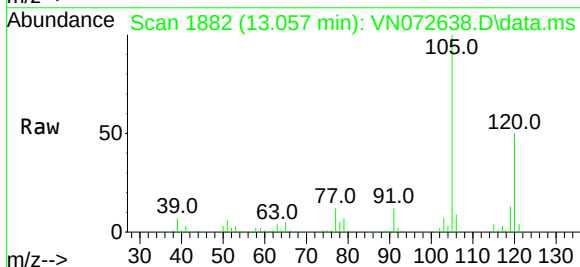
Manual Integrations
APPROVED

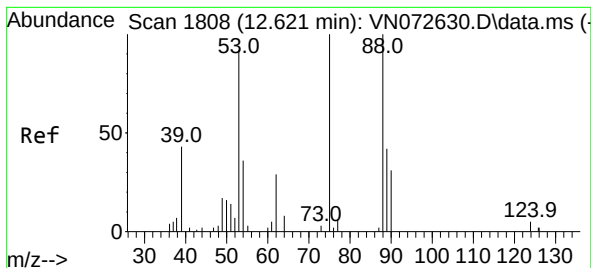
Reviewed By :John Carlone 05/31/2022
Supervised By :Mahesh Dadoda 05/31/2022



#76
1,3,5-Trimethylbenzene
Concen: 19.397 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. 0.000 min
Lab File: VN072638.D
Acq: 26 May 2022 19:29

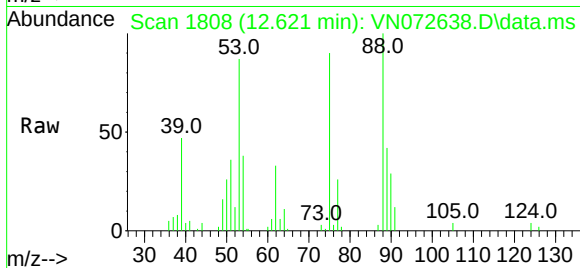
Tgt Ion:105 Resp: 173401
Ion Ratio Lower Upper
105 100
120 48.9 0.0 93.8





#77
t-1,4-Dichloro-2-butene
Concen: 18.680 ug/l
RT: 12.621 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VN072638.D
Acq: 26 May 2022 19:29

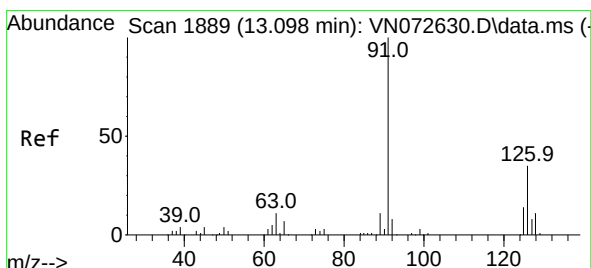
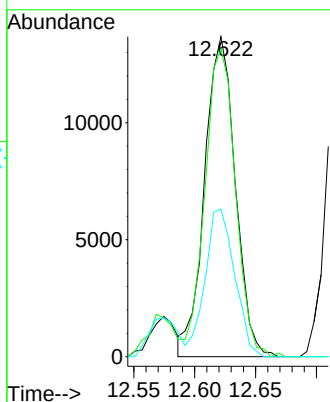
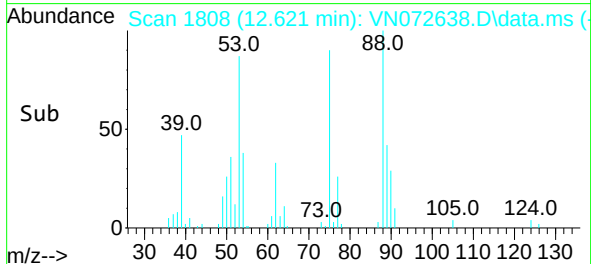
Instrument :
MSVOA_N
ClientSampleId :
VN0526WBSD01



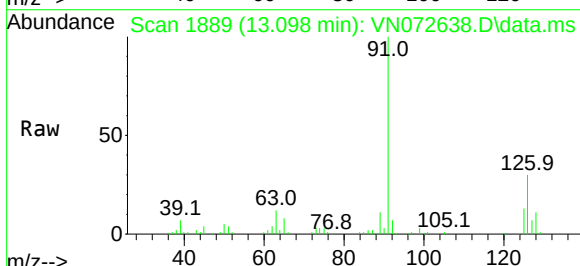
Tgt Ion: 75 Resp: 2395
Ion Ratio Lower Upper
75 100
53 95.0 51.8 155.5
89 46.1 22.9 68.7

Manual Integrations
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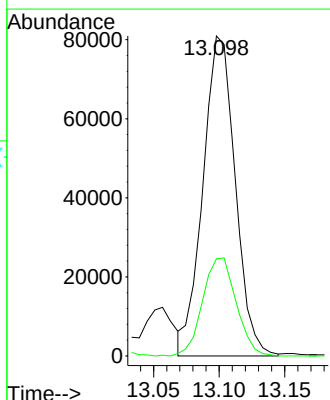
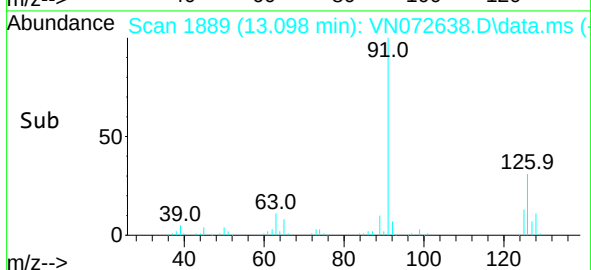
Reviewed By :John Carlone 05/31/2022
Supervised By :Mahesh Dadoda 05/31/2022

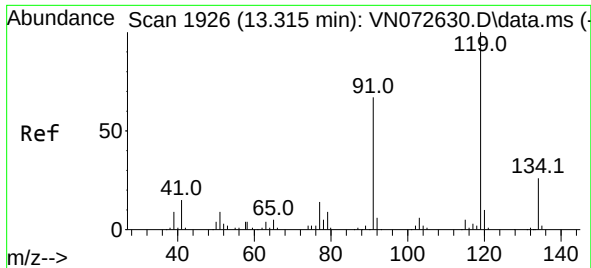


#78
4-Chlorotoluene
Concen: 19.606 ug/l
RT: 13.098 min Scan# 1889
Delta R.T. 0.000 min
Lab File: VN072638.D
Acq: 26 May 2022 19:29



Tgt Ion: 91 Resp: 138674
Ion Ratio Lower Upper
91 100
126 31.8 0.0 70.6





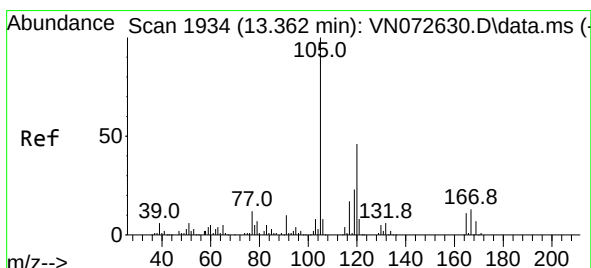
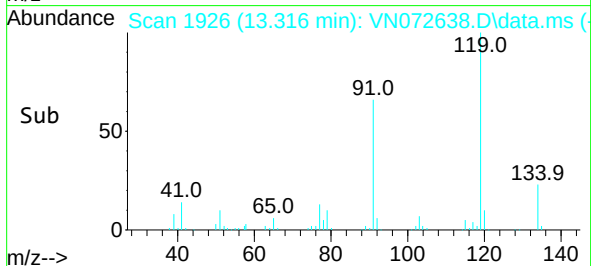
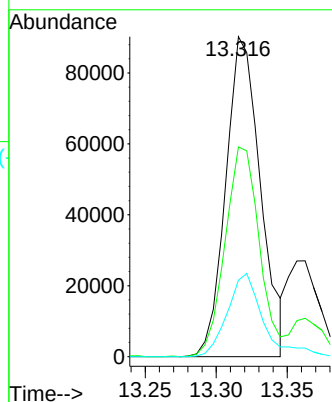
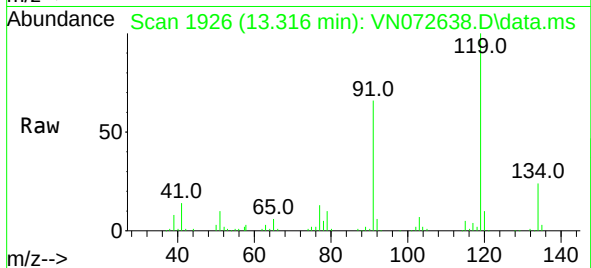
#79
tert-butylbenzene
Concen: 19.609 ug/l
RT: 13.316 min Scan# 1926
Delta R.T. 0.000 min
Lab File: VN072638.D
Acq: 26 May 2022 19:29

Instrument :
MSVOA_N
ClientSampleId :
VN0526WBSD01

Tgt Ion:119 Resp: 153400
Ion Ratio Lower Upper
119 100
91 64.6 0.0 137.0
134 26.8 0.0 47.6

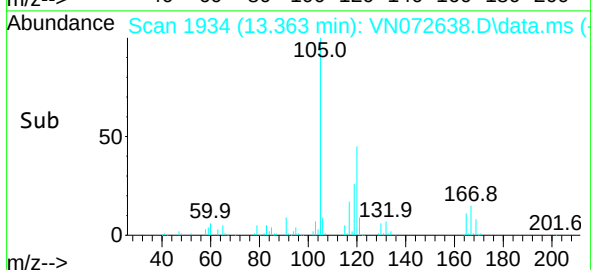
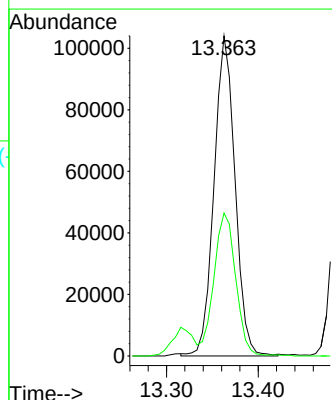
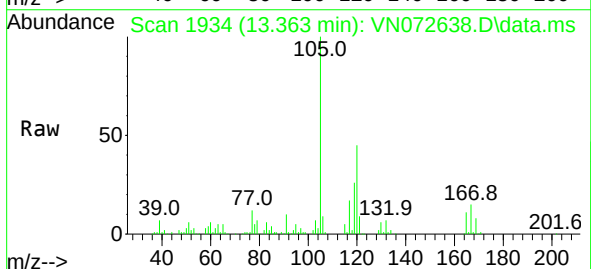
Manual Integrations
APPROVED

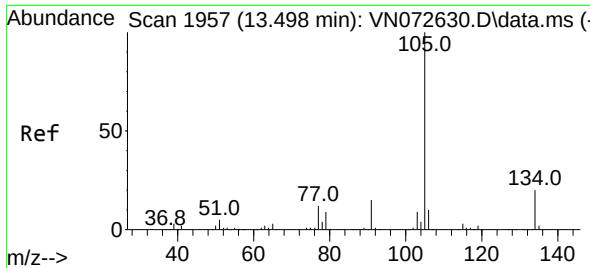
Reviewed By :John Carlone 05/31/2022
Supervised By :Mahesh Dadoda 05/31/2022



#80
1,2,4-Trimethylbenzene
Concen: 19.158 ug/l m
RT: 13.363 min Scan# 1934
Delta R.T. 0.000 min
Lab File: VN072638.D
Acq: 26 May 2022 19:29

Tgt Ion:105 Resp: 165286
Ion Ratio Lower Upper
105 100
120 0.2 0.0 0.2#





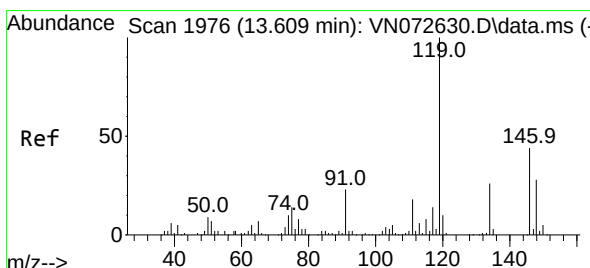
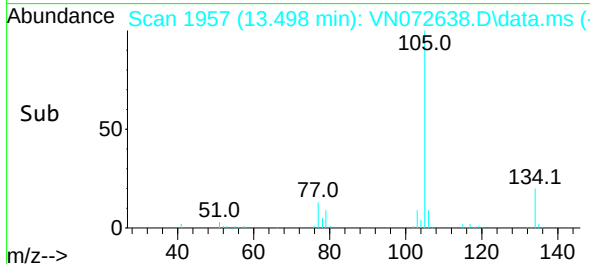
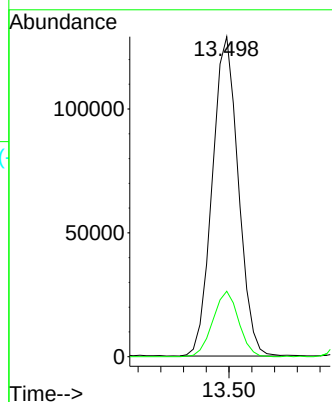
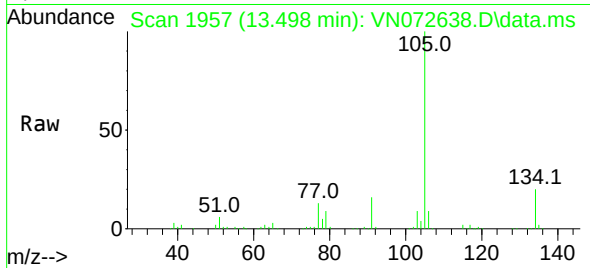
#81
 sec-Butylbenzene
 Concen: 18.134 ug/l
 RT: 13.498 min Scan# 1957
 Delta R.T. 0.000 min
 Lab File: VN072638.D
 Acq: 26 May 2022 19:29

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0526WBSD01

Tgt Ion:105 Resp: 205234
 Ion Ratio Lower Upper
 105 100
 134 20.2 0.0 39.4

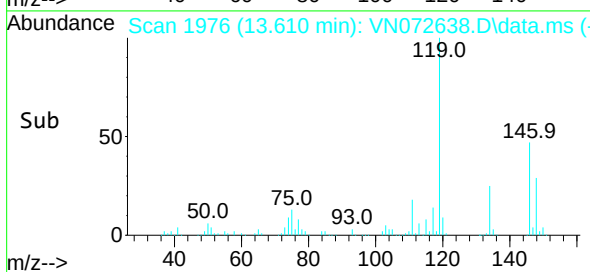
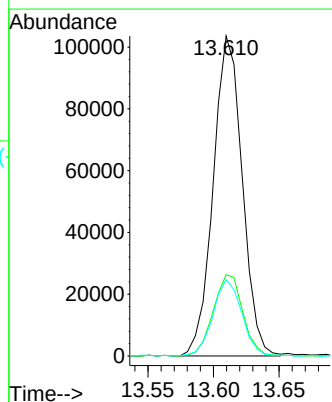
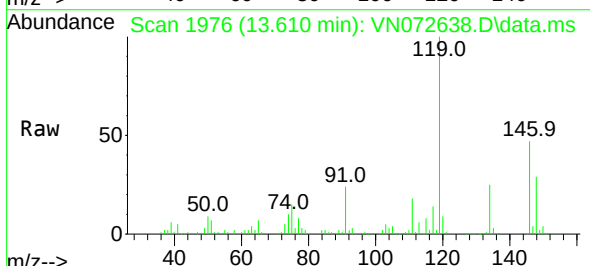
Manual Integrations
 APPROVED

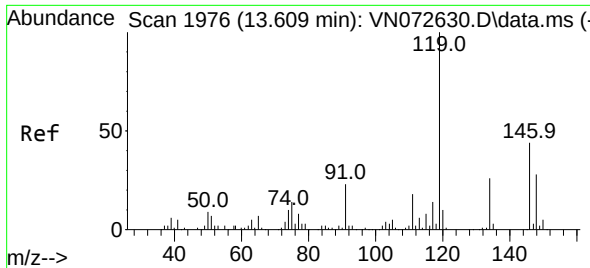
Reviewed By :John Carlone 05/31/2022
 Supervised By :Mahesh Dadoda 05/31/2022



#82
 p-Isopropyltoluene
 Concen: 18.173 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. 0.000 min
 Lab File: VN072638.D
 Acq: 26 May 2022 19:29

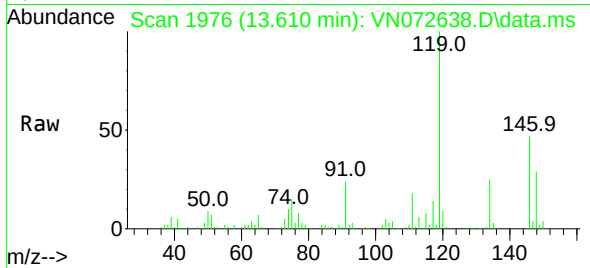
Tgt Ion:119 Resp: 159444
 Ion Ratio Lower Upper
 119 100
 134 25.9 0.0 51.8
 91 23.7 0.0 50.4





#83
1,3-Dichlorobenzene
Concen: 18.717 ug/l
RT: 13.610 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VN072638.D
Acq: 26 May 2022 19:29

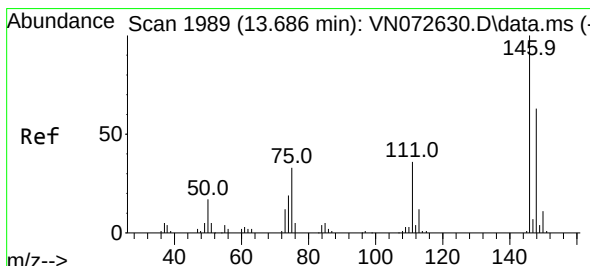
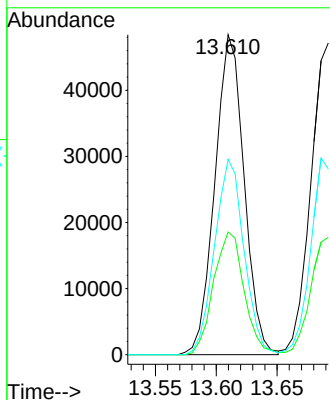
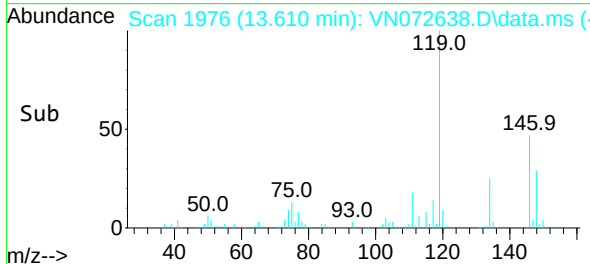
Instrument :
MSVOA_N
ClientSampleId :
VN0526WBSD01



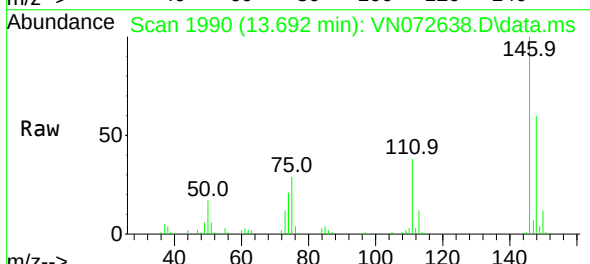
Tgt Ion:146 Resp: 80830
Ion Ratio Lower Upper
146 100
111 40.2 20.8 62.2
148 61.6 31.4 94.3

Manual Integrations
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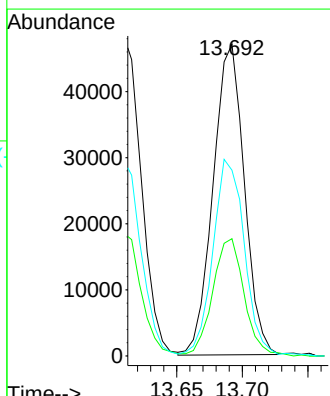
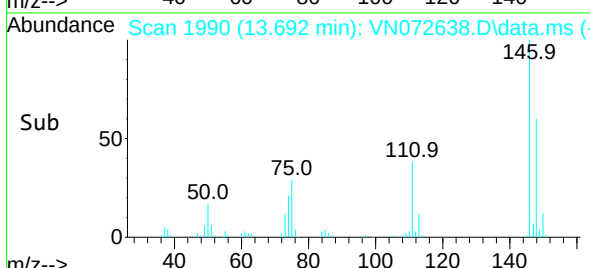
Reviewed By :John Carlone 05/31/2022
Supervised By :Mahesh Dadoda 05/31/2022

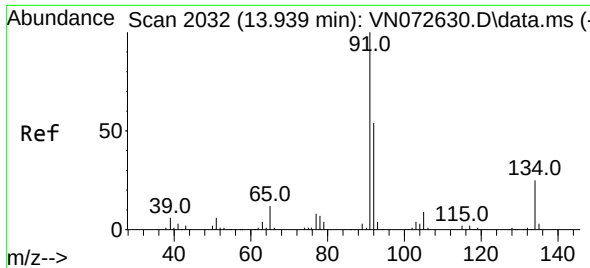


#84
1,4-Dichlorobenzene
Concen: 18.536 ug/l
RT: 13.692 min Scan# 1990
Delta R.T. 0.006 min
Lab File: VN072638.D
Acq: 26 May 2022 19:29



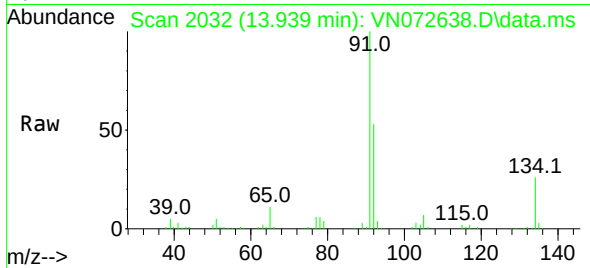
Tgt Ion:146 Resp: 77774
Ion Ratio Lower Upper
146 100
111 38.0 19.5 58.5
148 63.7 31.1 93.5





#85
n-Butylbenzene
Concen: 17.227 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VN072638.D
Acq: 26 May 2022 19:29

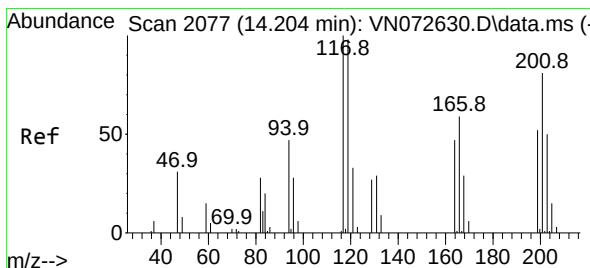
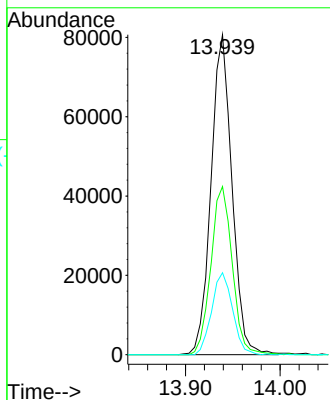
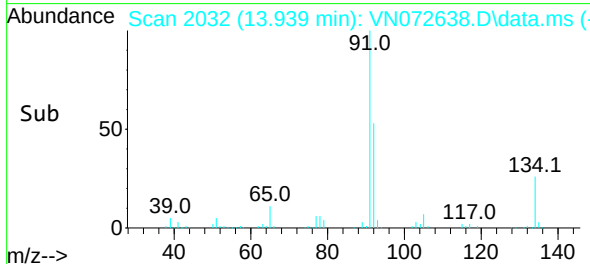
Instrument :
MSVOA_N
ClientSampleId :
VN0526WBSD01



Tgt Ion: 91 Resp: 124200
Ion Ratio Lower Upper
91 100
92 53.5 0.0 100.6
134 25.5 0.0 50.2

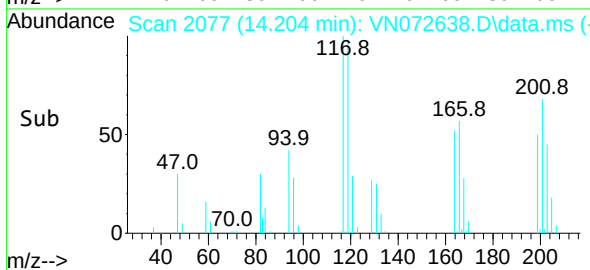
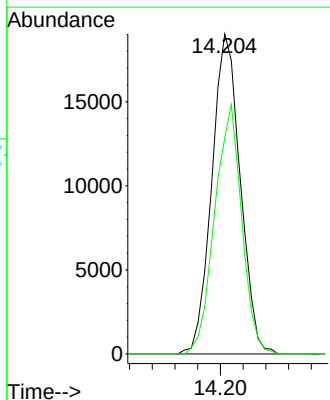
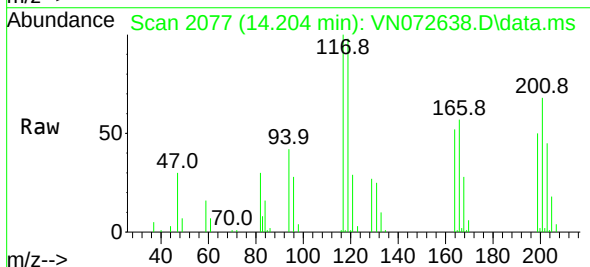
Manual Integrations
APPROVED

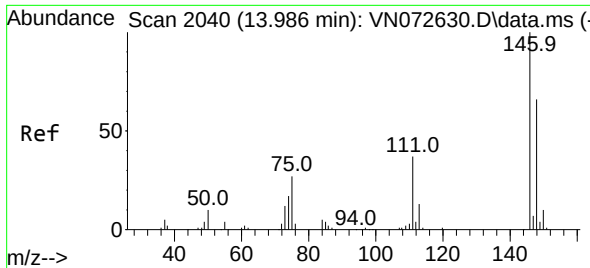
Reviewed By :John Carlone 05/31/2022
Supervised By :Mahesh Dadoda 05/31/2022



#86
Hexachloroethane
Concen: 18.888 ug/l
RT: 14.204 min Scan# 2077
Delta R.T. 0.000 min
Lab File: VN072638.D
Acq: 26 May 2022 19:29

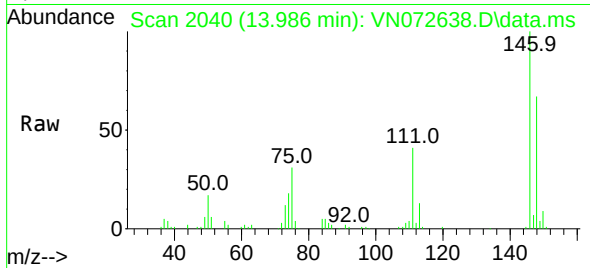
Tgt Ion:117 Resp: 33004
Ion Ratio Lower Upper
117 100
201 74.2 33.3 99.8





#87
1,2-Dichlorobenzene
Concen: 19.229 ug/l
RT: 13.986 min Scan# 2040
Delta R.T. 0.000 min
Lab File: VN072638.D
Acq: 26 May 2022 19:29

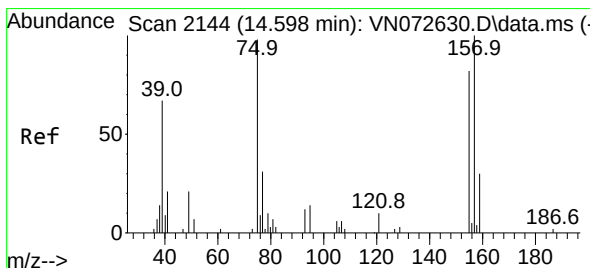
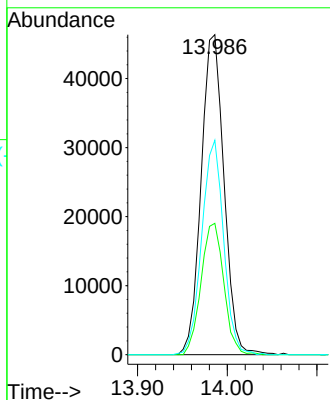
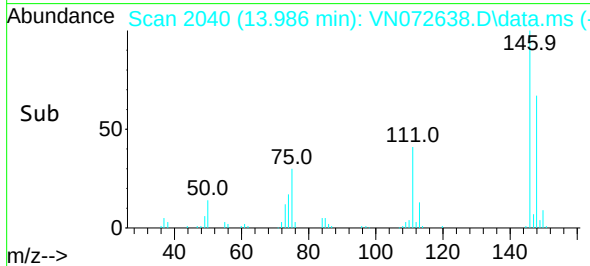
Instrument :
MSVOA_N
ClientSampleId :
VN0526WBSD01



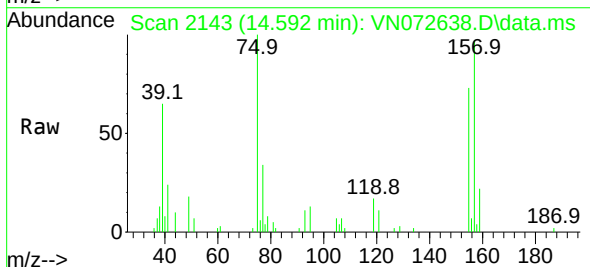
Tgt Ion:146 Resp: 82024
Ion Ratio Lower Upper
146 100
111 40.6 21.4 64.2
148 64.0 32.5 97.4

Manual Integrations
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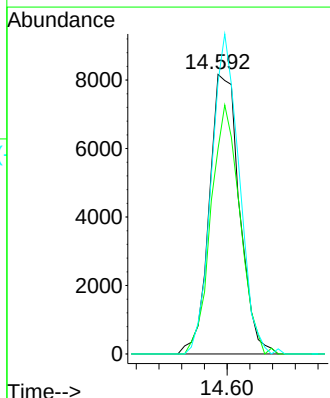
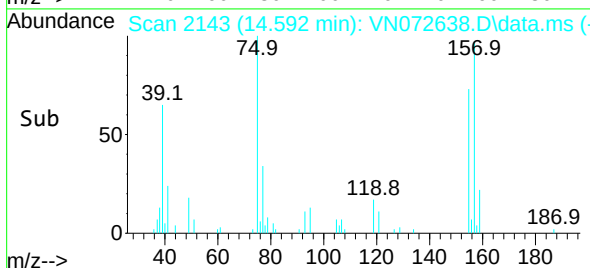
Reviewed By :John Carlone 05/31/2022
Supervised By :Mahesh Dadoda 05/31/2022

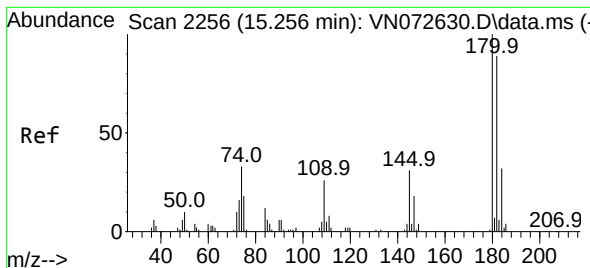


#88
1,2-Dibromo-3-Chloropropane
Concen: 19.916 ug/l
RT: 14.592 min Scan# 2143
Delta R.T. -0.006 min
Lab File: VN072638.D
Acq: 26 May 2022 19:29



Tgt Ion: 75 Resp: 15047
Ion Ratio Lower Upper
75 100
155 85.0 63.8 95.8
157 104.9 77.9 116.9





#89

1,2,4-Trichlorobenzene

Concen: 18.946 ug/l

RT: 15.262 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN072638.D

Acq: 26 May 2022 19:29

Instrument :

MSVOA_N

ClientSampleId :

VN0526WBSD01

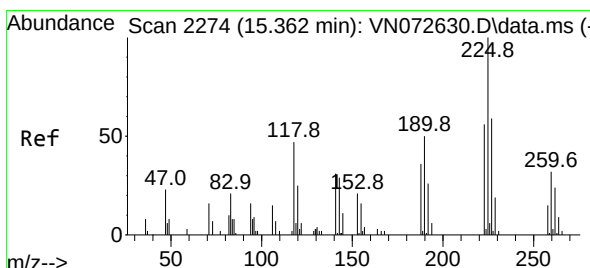
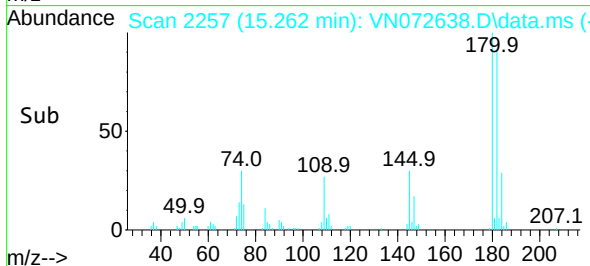
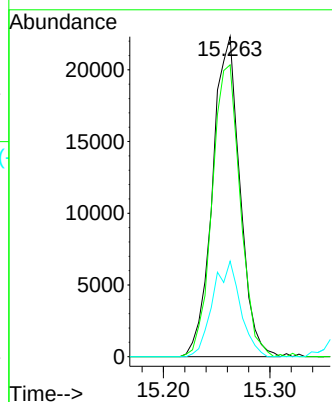
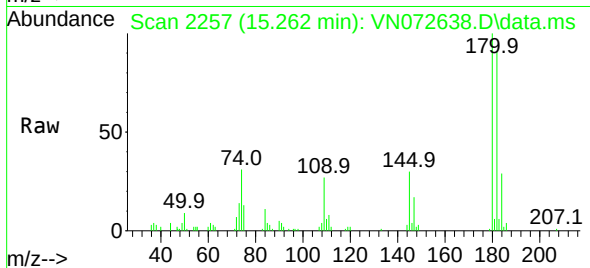
Tgt Ion:	180	Resp:	3987
Ion Ratio	Lower	Upper	
180	100		
182	92.9	77.7	116.5
145	30.1	26.6	39.8

Manual Integrations

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Reviewed By :John Carlone 05/31/2022

Supervised By :Mahesh Dadoda 05/31/2022



#90

Hexachlorobutadiene

Concen: 18.537 ug/l

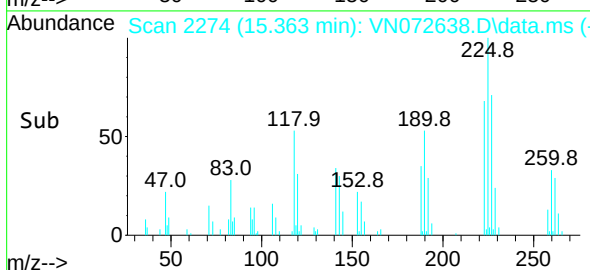
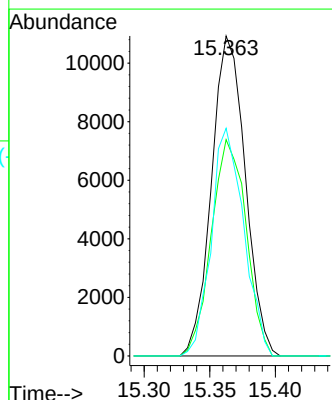
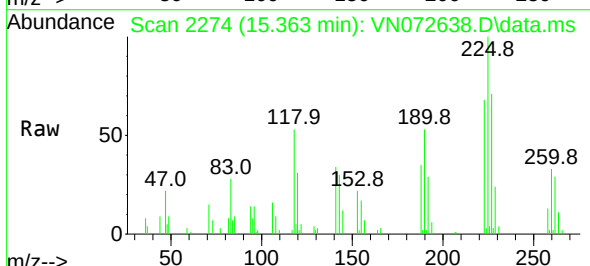
RT: 15.363 min Scan# 2274

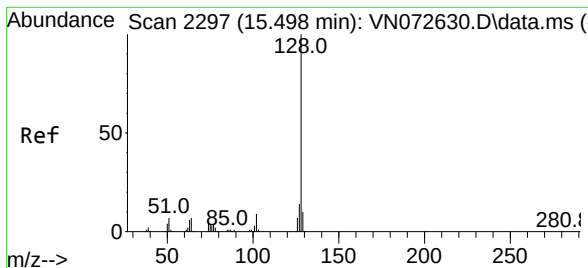
Delta R.T. 0.000 min

Lab File: VN072638.D

Acq: 26 May 2022 19:29

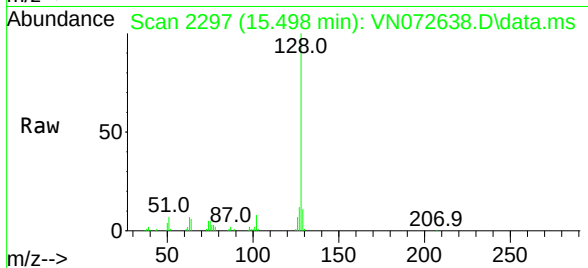
Tgt Ion:	225	Resp:	19566
Ion Ratio	Lower	Upper	
225	100		
223	69.5	0.0	126.8
227	68.4	0.0	123.0





#91
Naphthalene
Concen: 19.470 ug/l
RT: 15.498 min Scan# 2297
Delta R.T. 0.000 min
Lab File: VN072638.D
Acq: 26 May 2022 19:29

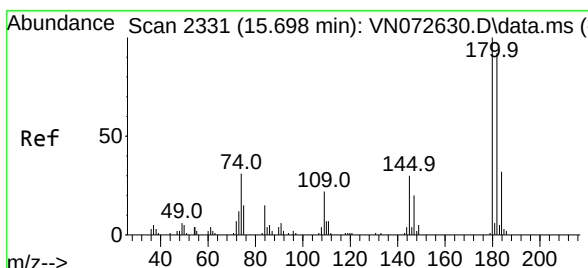
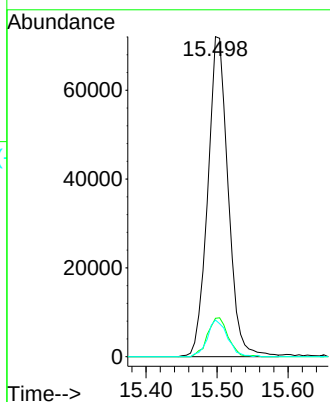
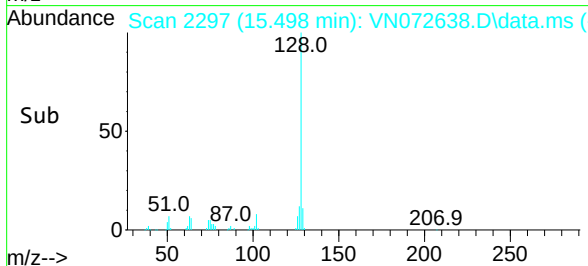
Instrument :
MSVOA_N
ClientSampleId :
VN0526WBSD01



Tgt Ion:128 Resp: 143798
Ion Ratio Lower Upper
128 100
127 12.2 10.7 16.1
129 11.2 9.0 13.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/31/2022
Supervised By :Mahesh Dadoda 05/31/2022



#92
1,2,3-Trichlorobenzene
Concen: 19.165 ug/l
RT: 15.692 min Scan# 2330
Delta R.T. -0.006 min
Lab File: VN072638.D
Acq: 26 May 2022 19:29

Tgt Ion:180 Resp: 41180
Ion Ratio Lower Upper
180 100
182 98.2 0.0 190.0
145 31.4 0.0 67.8

