

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032422\
 Data File : VN071521.D
 Acq On : 24 Mar 2022 15:03
 Operator : JC\MD
 Sample : VN0324WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0324WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/25/2022
 Supervised By : Mahesh Dadoda 03/25/2022

Quant Time: Mar 24 15:28:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N032422W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Mar 24 12:03:44 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.657	128	117612	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.963	114	645385	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.739	117	577158	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.434	65	248055	29.935	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	99.800%		
60) 4-Bromofluorobenzene	12.727	95	255588	29.866	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	99.567%		
63) Toluene-d8	10.439	98	800763	30.564	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	101.867%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.069	85	135425	18.499	ug/l	98
3) Chloromethane	2.299	50	161095	18.671	ug/l	94
4) Vinyl Chloride	2.440	62	179725	18.164	ug/l	100
5) Bromomethane	2.852	94	119329	20.466	ug/l	95
6) Chloroethane	3.016	64	118340	18.677	ug/l	94
7) Trichlorofluoromethane	3.375	101	209767	18.183	ug/l	94
8) Diethyl Ether	3.822	74	86364	17.816	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.216	101	129467	18.739	ug/l #	64
10) 1,1-Dichloroethene	4.181	96	123679	18.151	ug/l	93
11) Methyl Iodide	4.422	142	176271	17.654	ug/l	90
12) Methyl Acetate	4.851	43	172063	17.918	ug/l	99
13) Acrolein	4.040	56	90399	88.488	ug/l	96
14) Acrylonitrile	5.545	53	385261	88.584	ug/l	97
15) Acetone	4.281	58	101742	81.290	ug/l	90
16) Carbon Disulfide	4.528	76	309739	17.459	ug/l	96
17) Allyl chloride	4.840	41	193566	17.514	ug/l	84
18) Methylene Chloride	5.093	84	148491	18.166	ug/l	98
19) trans-1,2-Dichloroethene	5.598	96	131663	18.066	ug/l	98
20) Diisopropyl ether	6.487	45	422111	18.254	ug/l	98
21) 1,1-Dichloroethane	6.387	63	250971	17.976	ug/l	98
22) cis-1,2-Dichloroethene	7.322	96	158169	17.864	ug/l	98
23) tert-Butyl Alcohol	5.357	59	133788	86.210	ug/l #	100
24) Methyl tert-Butyl Ether	5.610	73	441230	17.943	ug/l	94
25) Chloroform	7.810	83	254752	18.143	ug/l	99
26) Cyclohexane	8.092	56	219671	18.203	ug/l #	99
29) 1,1-Dichloropropene	8.216	75	189344	18.126	ug/l	99
30) 2-Butanone	7.328	43	493071	84.796	ug/l	98
31) 2,2-Dichloropropane	7.322	77	208482	17.519	ug/l	99
32) 1,1,1-Trichloroethane	8.010	97	220967	18.162	ug/l	98
33) Carbon Tetrachloride	8.204	117	184232	17.889	ug/l	97
34) Benzene	8.457	78	590010	18.179	ug/l	98
35) Methacrylonitrile	7.628	41	104457	18.723	ug/l	92
36) 1,2-Dichloroethane	8.528	62	204782	18.087	ug/l	96
37) Trichloroethene	9.216	130	153817	18.367	ug/l	95
38) Methylcyclohexane	9.457	83	243701	18.508	ug/l	99
39) 1,2-Dichloropropane	9.486	63	143612	17.686	ug/l	97
40) Dibromomethane	9.575	93	98896	17.994	ug/l	88
41) Bromodichloromethane	9.757	83	199072	18.100	ug/l	92
42) Vinyl Acetate	6.428	43	1780519	89.366	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.404	43	198499	17.604	ug/l	99
44) Isopropyl Acetate	8.557	43	316462	17.499	ug/l	95
45) 1,4-Dioxane	9.569	88	65725	360.219	ug/l	95
46) Methyl methacrylate	9.557	41	133488	16.832	ug/l	82
47) n-amyl Acetate	12.386	43	199860	16.561	ug/l	92
48) t-1,3-Dichloropropene	10.716	75	206596	17.282	ug/l	99
49) cis-1,3-Dichloropropene	10.186	75	231363	17.698	ug/l #	87
50) 1,1,2-Trichloroethane	10.892	97	148101	18.025	ug/l	97
51) Ethyl methacrylate	10.757	69	223205	17.594	ug/l	86
52) 1,3-Dichloropropane	11.039	76	255427	18.204	ug/l	100
53) Dibromochloromethane	11.233	129	147474	17.339	ug/l	100
54) 1,2-Dibromoethane	11.339	107	148705	17.594	ug/l	95
55) 2-Chloroethyl vinyl ether	10.033	63	303057	88.662	ug/l	99
56) Bromoform	12.451	173	108131	16.489	ug/l #	99
58) 4-Methyl-2-Pentanone	10.327	43	983135	89.734	ug/l	93
59) 2-Hexanone	11.080	43	696174	87.030	ug/l	91
61) Tetrachloroethene	10.975	164	132652	18.885	ug/l	91
62) Toluene	10.504	91	648441	18.529	ug/l	97
64) Chlorobenzene	11.769	112	392379	18.177	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.833	131	142897	18.044	ug/l	99
66) Ethyl Benzene	11.839	91	689016	18.117	ug/l	96
67) m/p-Xylenes	11.951	106	545373	36.861	ug/l	96
68) o-Xylene	12.274	106	268771	18.277	ug/l	96
69) Styrene	12.292	104	414916	17.928	ug/l	97
70) Isopropylbenzene	12.574	105	672976	18.233	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.821	83	217380	18.096	ug/l	99
72) 1,2,3-Trichloropropane	12.874	75	192983m	18.700	ug/l	
73) Bromobenzene	12.857	156	160256	17.798	ug/l	97
74) n-propylbenzene	12.916	91	723527	17.961	ug/l	97
75) 2-Chlorotoluene	13.004	91	457438	18.171	ug/l	99
76) 1,3,5-Trimethylbenzene	13.057	105	538440	18.184	ug/l	95
77) t-1,4-Dichloro-2-butene	12.621	75	59952	16.545	ug/l	93
78) 4-Chlorotoluene	13.098	91	421096	17.911	ug/l	99
79) tert-butylbenzene	13.321	119	488657	18.288	ug/l	94
80) 1,2,4-Trimethylbenzene	13.363	105	520723m	18.124	ug/l	
81) sec-Butylbenzene	13.498	105	644542	17.952	ug/l	97
82) p-Isopropyltoluene	13.610	119	522184	17.901	ug/l	97
83) 1,3-Dichlorobenzene	13.610	146	268644	18.234	ug/l	98
84) 1,4-Dichlorobenzene	13.692	146	252892	17.983	ug/l	99
85) n-Butylbenzene	13.939	91	364783	16.835	ug/l	96
86) Hexachloroethane	14.204	117	93397	17.145	ug/l	80
87) 1,2-Dichlorobenzene	13.986	146	262753	18.447	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.598	75	36792	17.214	ug/l	89
89) 1,2,4-Trichlorobenzene	15.257	180	110201	16.737	ug/l	98
90) Hexachlorobutadiene	15.362	225	72963	18.701	ug/l	97
91) Naphthalene	15.504	128	277159	17.808	ug/l	98
92) 1,2,3-Trichlorobenzene	15.698	180	108137	16.746	ug/l	98

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

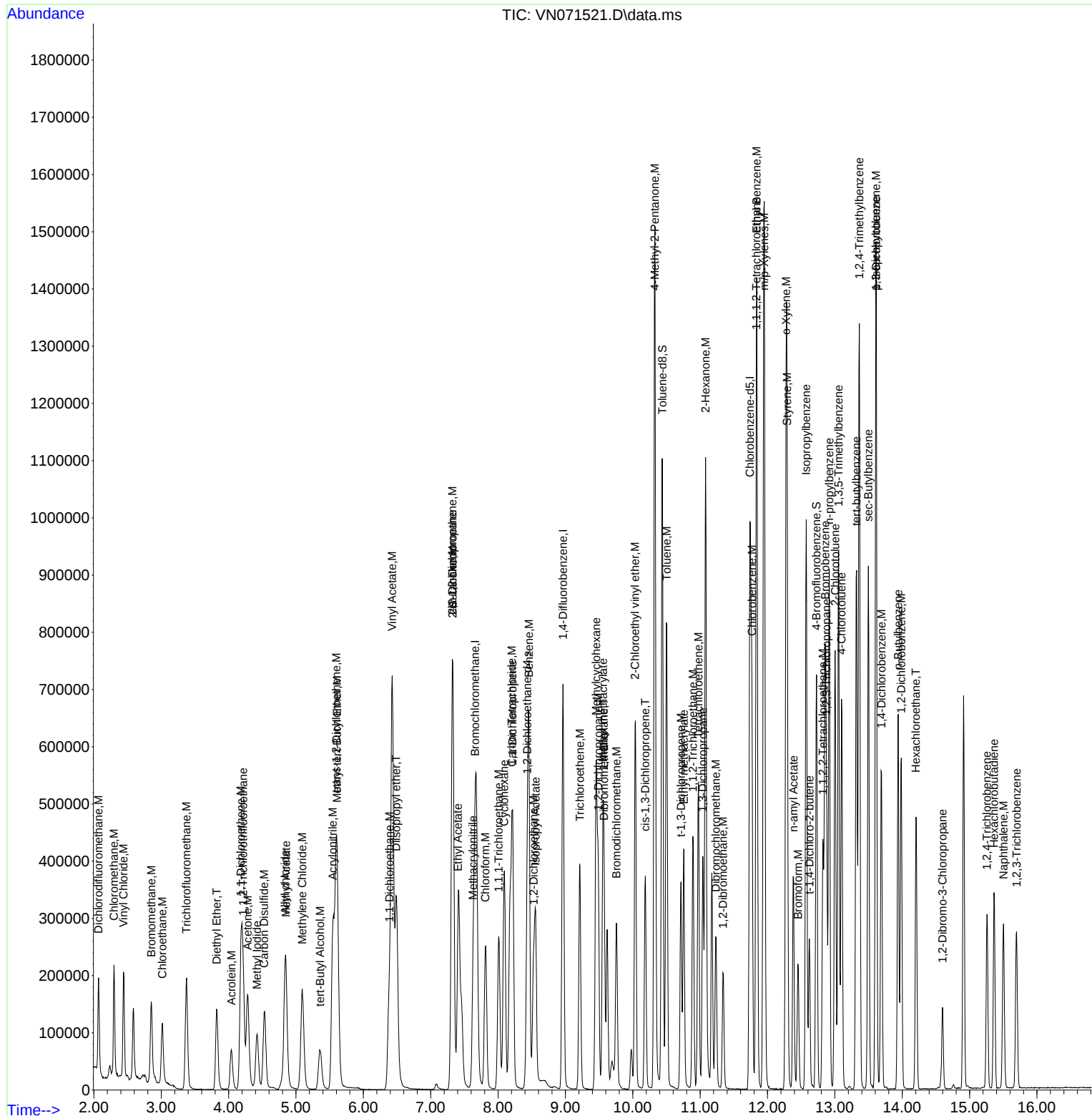
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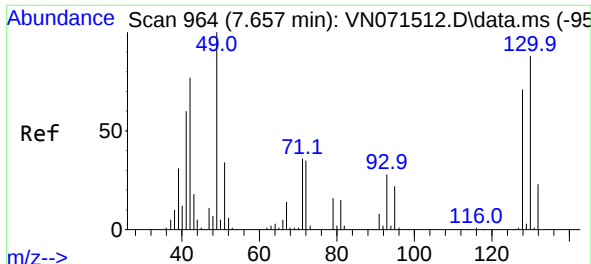
Instrument :
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 ClientSampleId :
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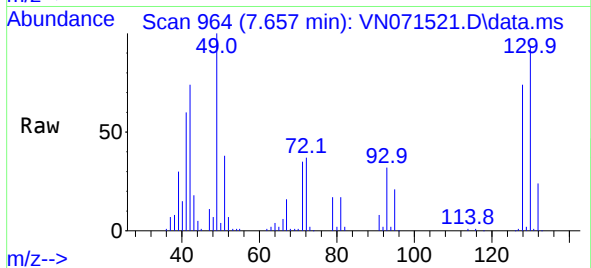
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#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.657 min Scan# 90
Delta R.T. 0.000 min
Lab File: VN071521.D
Acq: 24 Mar 2022 15:03

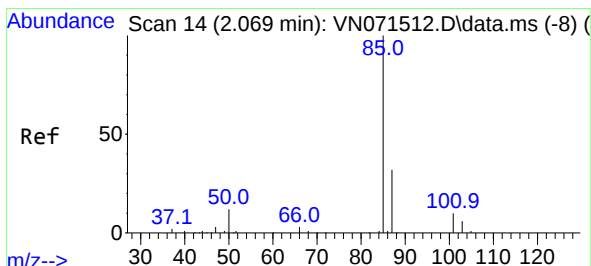
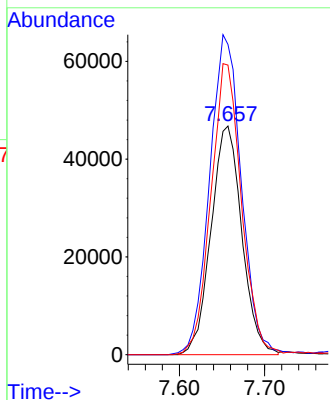
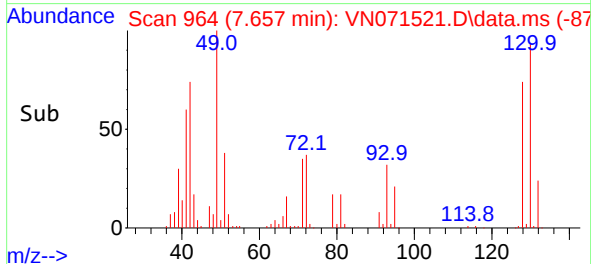
Instrument :
MSVOA_N
ClientSampleId :
VN0324WBS01



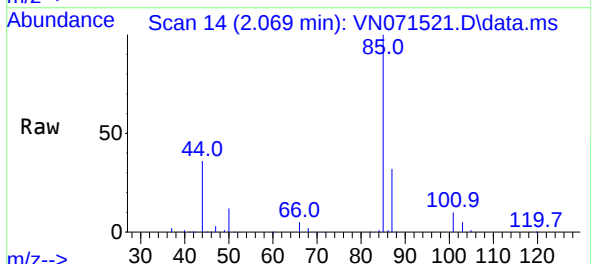
Tgt Ion:128 Resp: 11761
Ion Ratio Lower Upper
128 100
49 144.1 0.0 392.3
130 126.1 0.0 320.2

Manual Integrations
APPROVED

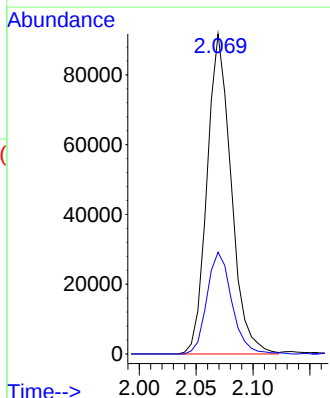
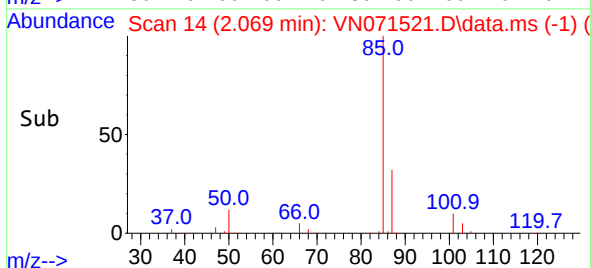
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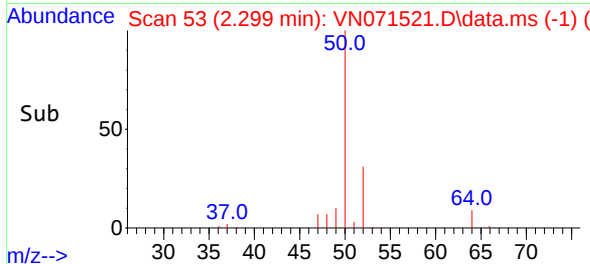
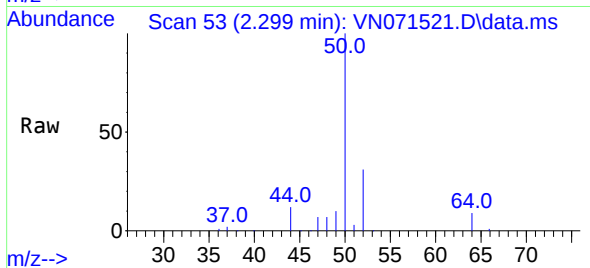
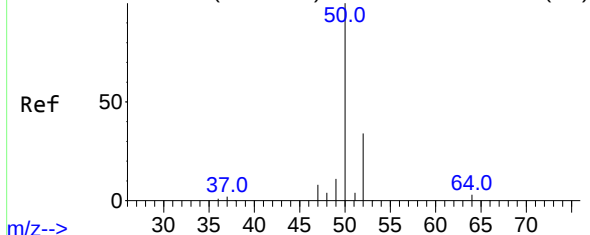
#2
Dichlorodifluoromethane
Concen: 18.499 ug/l
RT: 2.069 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN071521.D
Acq: 24 Mar 2022 15:03



Tgt Ion: 85 Resp: 135425
Ion Ratio Lower Upper
85 100
87 31.8 16.6 49.7



Abundance Scan 53 (2.299 min): VN071512.D\data.ms (-48)



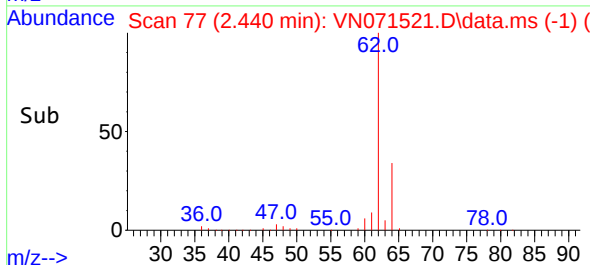
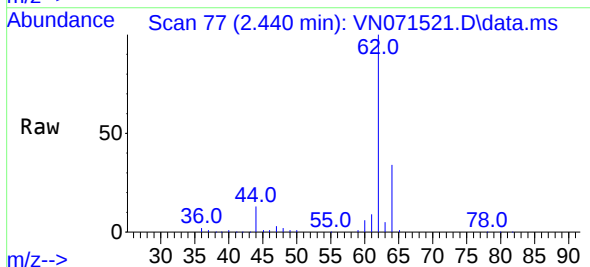
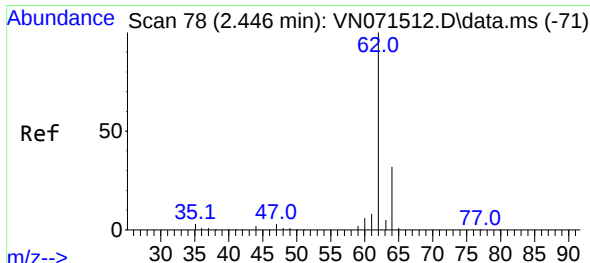
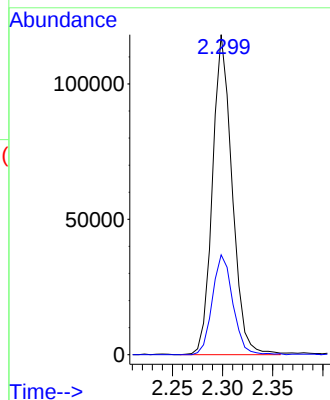
#3
Chloromethane
Concen: 18.671 ug/l
RT: 2.299 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN071521.D
Acq: 24 Mar 2022 15:03

Instrument :
MSVOA_N
ClientSampleId :
VN0324WBS01

Tgt Ion: 50 Resp: 161099
Ion Ratio Lower Upper
50 100
52 31.2 27.8 41.6

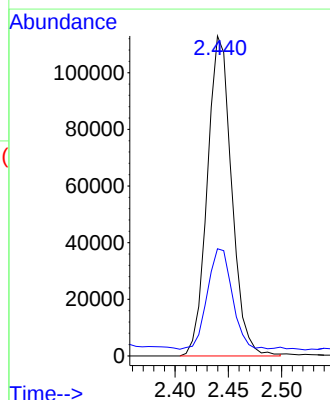
Manual Integrations
APPROVED

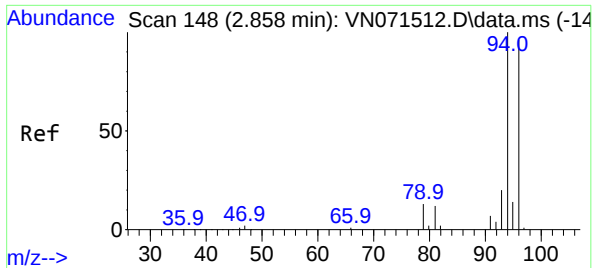
Reviewed By :John Carlone 03/25/2022
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#4
Vinyl Chloride
Concen: 18.164 ug/l
RT: 2.440 min Scan# 77
Delta R.T. -0.006 min
Lab File: VN071521.D
Acq: 24 Mar 2022 15:03

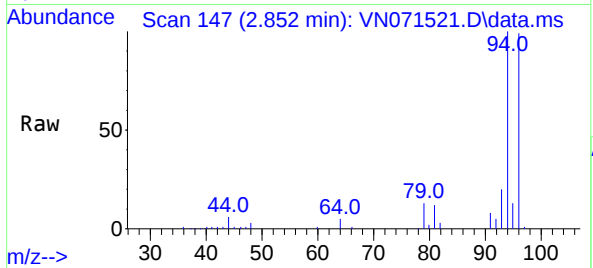
Tgt Ion: 62 Resp: 179725
Ion Ratio Lower Upper
62 100
64 31.4 25.1 37.7





#5
Bromomethane
Concen: 20.466 ug/l
RT: 2.852 min Scan# 147
Delta R.T. -0.006 min
Lab File: VN071521.D
Acq: 24 Mar 2022 15:03

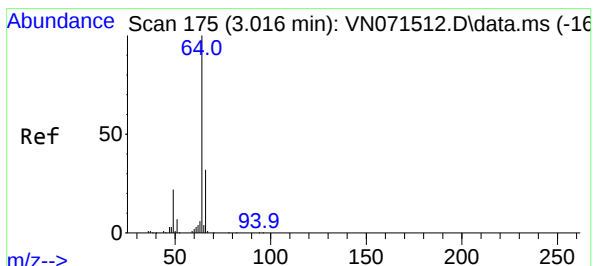
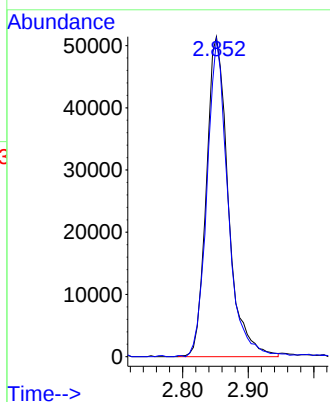
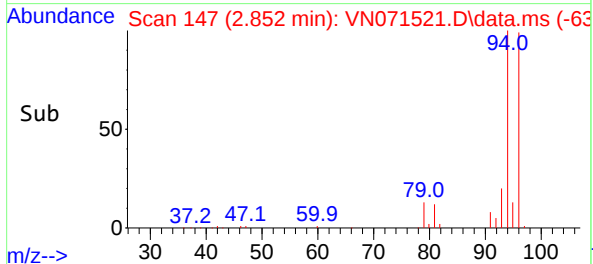
Instrument :
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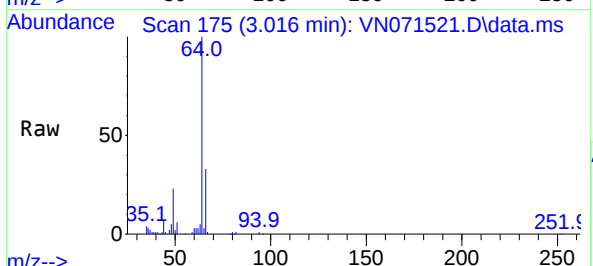
Tgt Ion: 94 Resp: 119329
Ion Ratio Lower Upper
94 100
96 98.8 75.2 112.8

Manual Integrations
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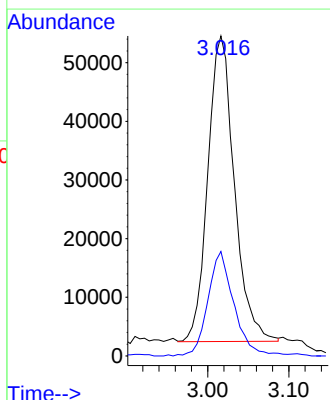
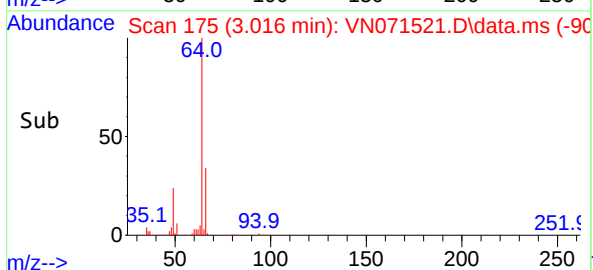
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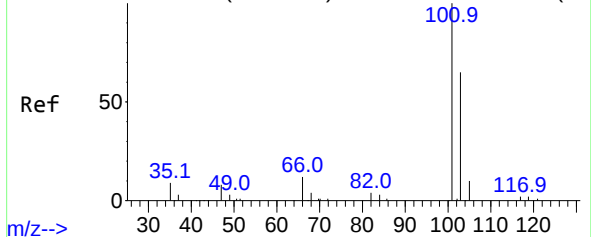
#6
Chloroethane
Concen: 18.677 ug/l
RT: 3.016 min Scan# 175
Delta R.T. -0.000 min
Lab File: VN071521.D
Acq: 24 Mar 2022 15:03



Tgt Ion: 64 Resp: 118340
Ion Ratio Lower Upper
64 100
66 33.8 24.6 36.8



Abundance Scan 237 (3.381 min): VN071512.D\data.ms (-22



#7

Trichlorofluoromethane

Concen: 18.183 ug/l

RT: 3.375 min Scan# 21

Delta R.T. -0.006 min

Lab File: VN071521.D

Acq: 24 Mar 2022 15:03

Instrument :

MSVOA_N

ClientSampleId :

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Tgt Ion:101 Resp: 20976

Ion Ratio Lower Upper

101 100

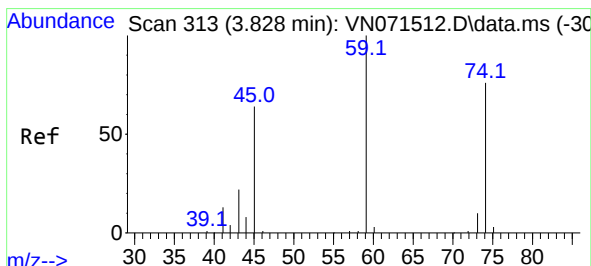
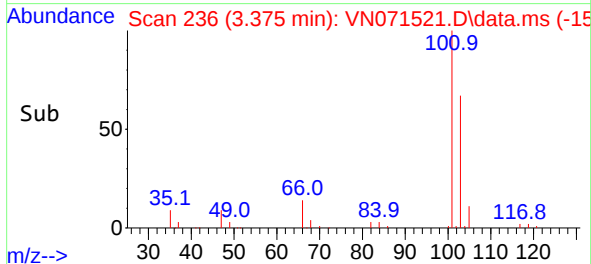
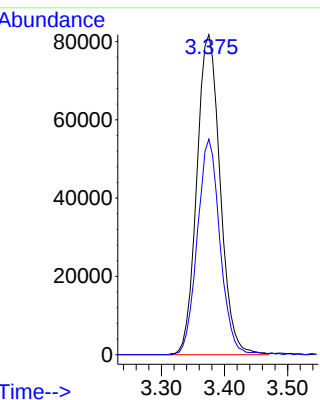
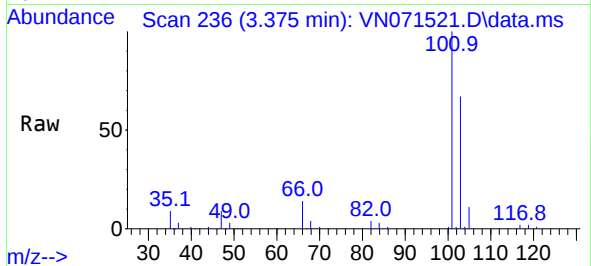
103 67.4 50.1 75.1

Manual Integrations

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#8

Diethyl Ether

Concen: 17.816 ug/l

RT: 3.822 min Scan# 312

Delta R.T. -0.006 min

Lab File: VN071521.D

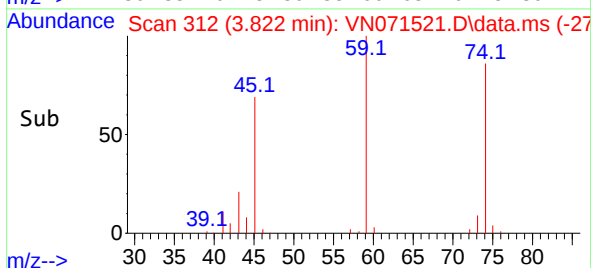
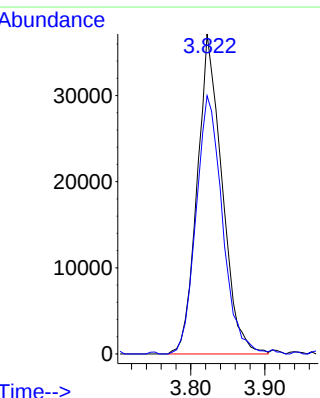
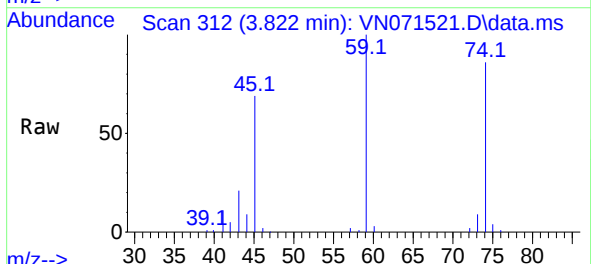
Acq: 24 Mar 2022 15:03

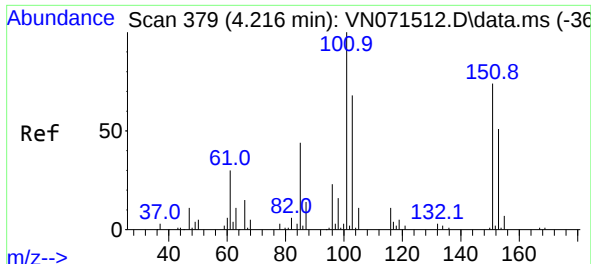
Tgt Ion: 74 Resp: 86364

Ion Ratio Lower Upper

74 100

45 85.6 17.6 158.8





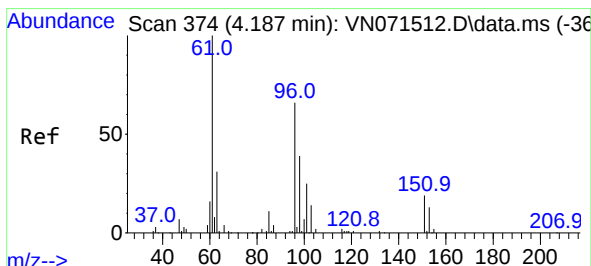
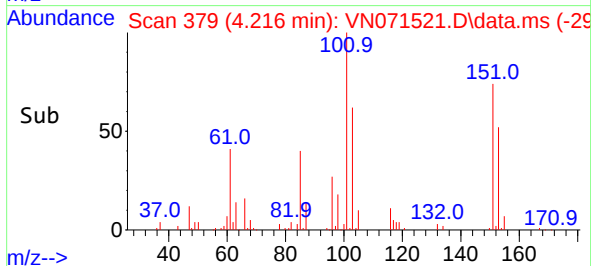
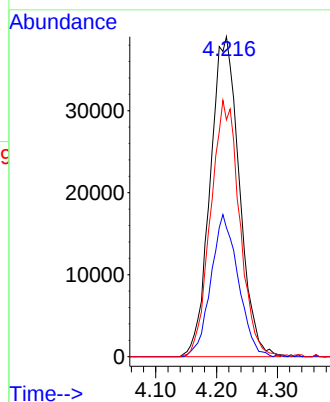
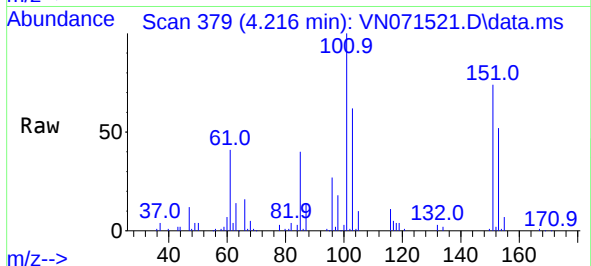
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.739 ug/l
RT: 4.216 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN071521.D
Acq: 24 Mar 2022 15:03

Instrument :
MSVOA_N
ClientSampleId :
VN0324WBS01

Tgt Ion:101 Resp: 12946
Ion Ratio Lower Upper
101 100
85 41.4 0.0 94.0
151 79.3 0.0 74.6

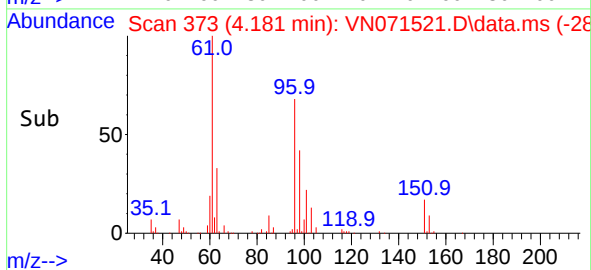
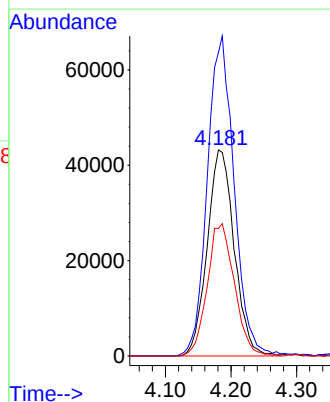
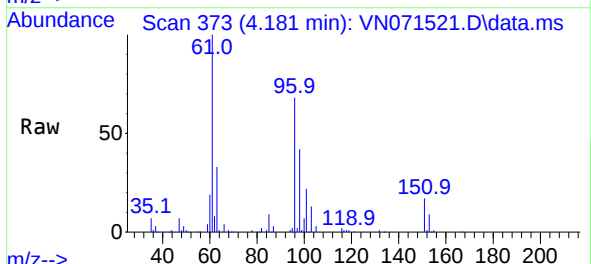
Manual Integrations
APPROVED

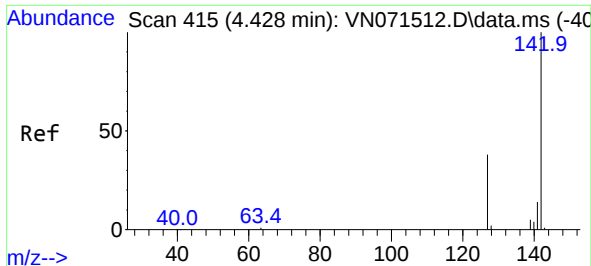
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#10
1,1-Dichloroethene
Concen: 18.151 ug/l
RT: 4.181 min Scan# 373
Delta R.T. -0.006 min
Lab File: VN071521.D
Acq: 24 Mar 2022 15:03

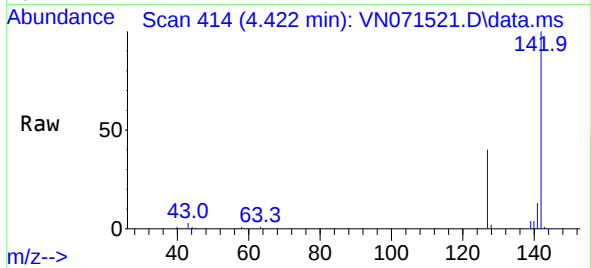
Tgt Ion: 96 Resp: 123679
Ion Ratio Lower Upper
96 100
61 146.5 126.2 189.4
98 61.9 50.9 76.3





#11
Methyl Iodide
Concen: 17.654 ug/l
RT: 4.422 min Scan# 415
Delta R.T. -0.006 min
Lab File: VN071521.D
Acq: 24 Mar 2022 15:03

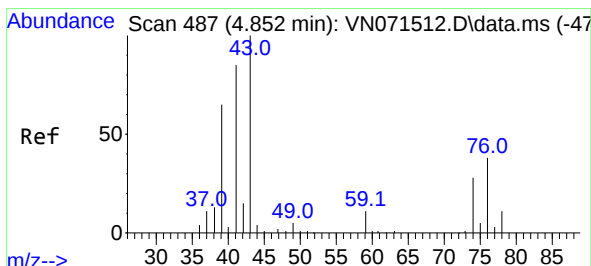
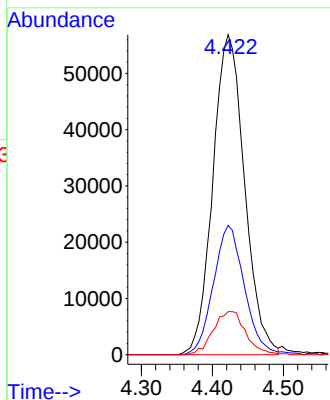
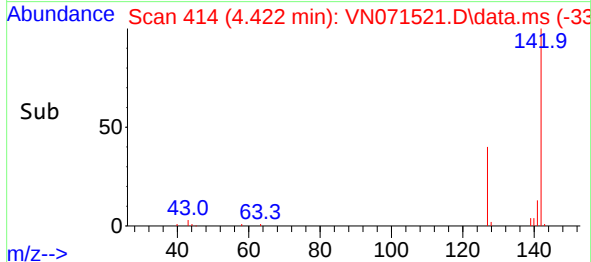
Instrument :
MSVOA_N
ClientSampleId :
VN0324WBS01



Tgt Ion:142 Resp: 17627
Ion Ratio Lower Upper
142 100
127 40.4 24.0 72.0
141 13.4 8.4 25.2

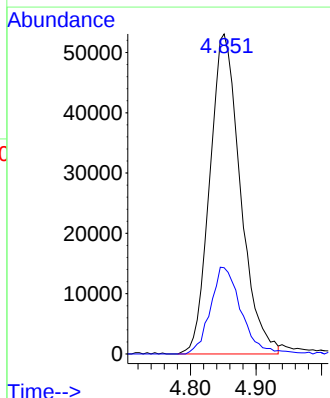
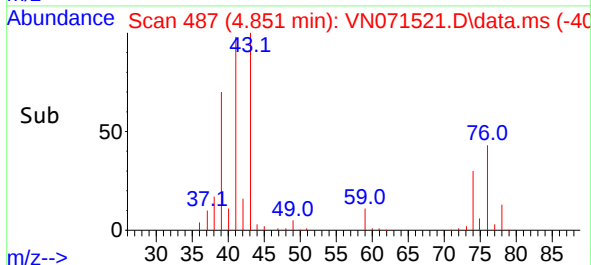
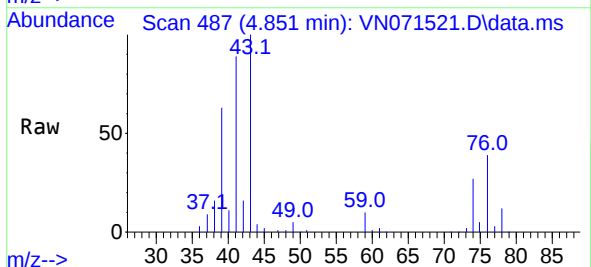
Manual Integrations
APPROVED

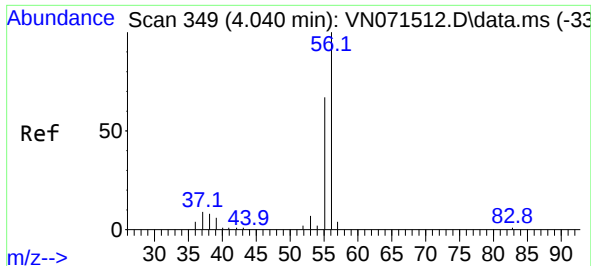
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#12
Methyl Acetate
Concen: 17.918 ug/l
RT: 4.851 min Scan# 487
Delta R.T. -0.000 min
Lab File: VN071521.D
Acq: 24 Mar 2022 15:03

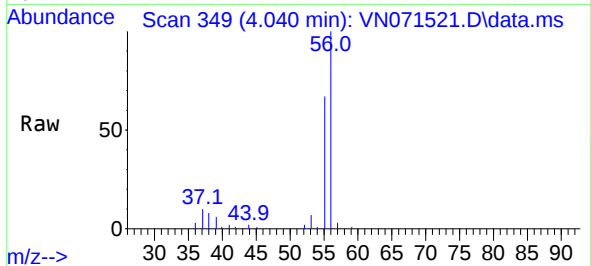
Tgt Ion: 43 Resp: 172063
Ion Ratio Lower Upper
43 100
74 26.7 20.8 31.2





#13
Acrolein
Concen: 88.488 ug/l
RT: 4.040 min Scan# 349
Delta R.T. -0.000 min
Lab File: VN071521.D
Acq: 24 Mar 2022 15:03

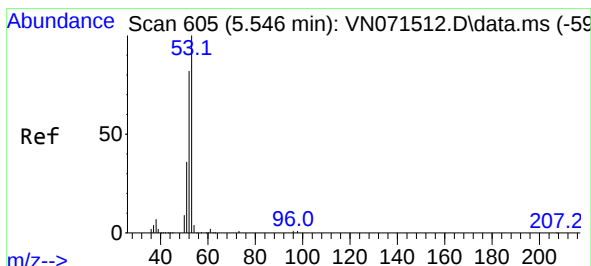
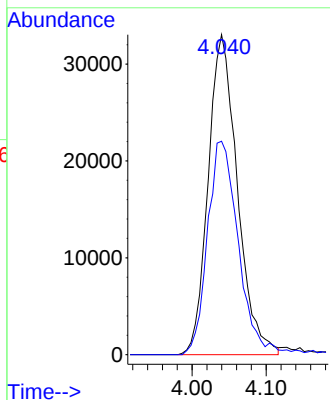
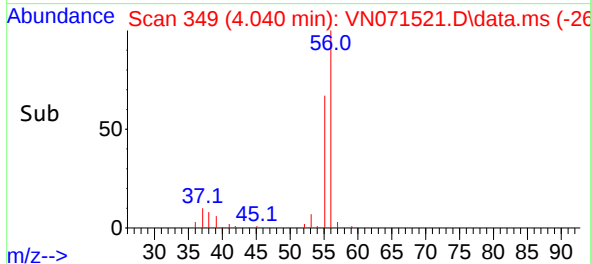
Instrument :
MSVOA_N
ClientSampleId :
VN0324WBS01



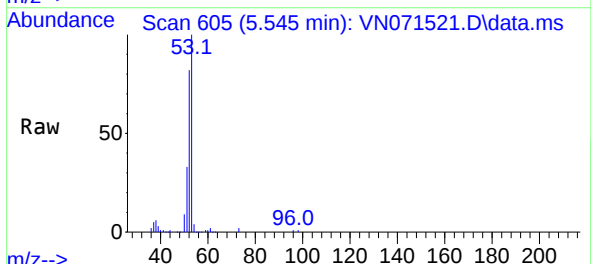
Tgt Ion: 56 Resp: 90399
Ion Ratio Lower Upper
56 100
55 68.8 57.6 86.4

Manual Integrations
APPROVED

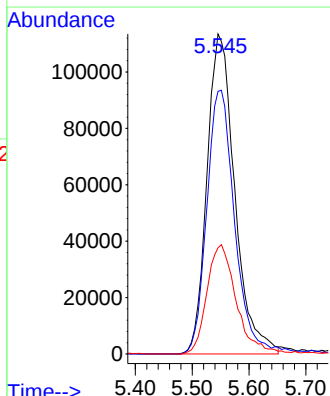
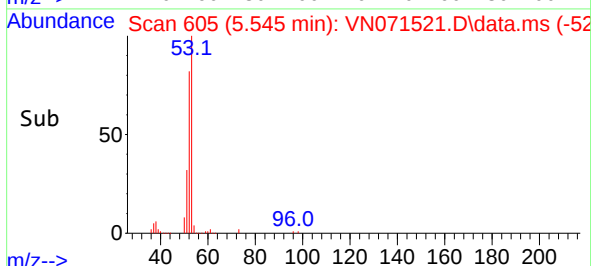
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

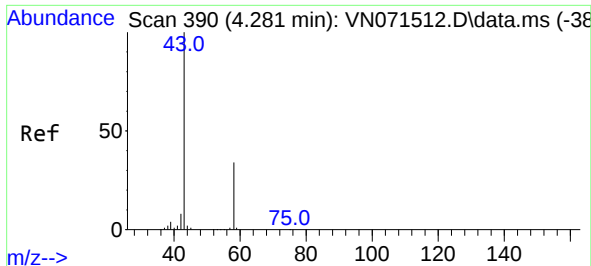


#14
Acrylonitrile
Concen: 88.584 ug/l
RT: 5.545 min Scan# 605
Delta R.T. -0.000 min
Lab File: VN071521.D
Acq: 24 Mar 2022 15:03



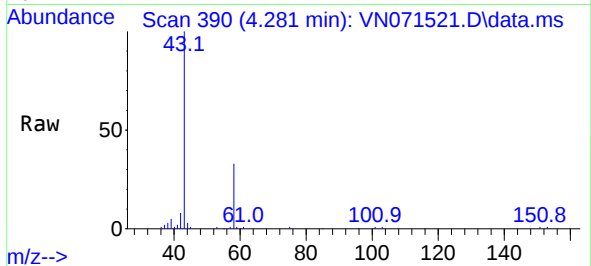
Tgt Ion: 53 Resp: 385261
Ion Ratio Lower Upper
53 100
52 81.8 41.8 125.4
51 35.4 19.0 57.0





#15
Acetone
Concen: 81.290 ug/l
RT: 4.281 min Scan# 390
Delta R.T. -0.000 min
Lab File: VN071521.D
Acq: 24 Mar 2022 15:03

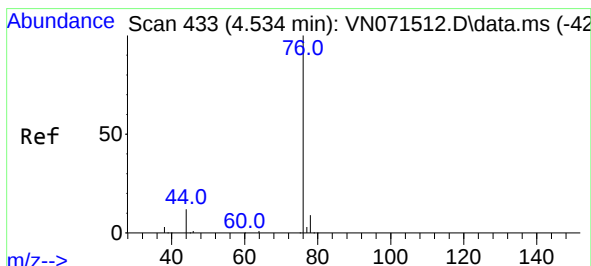
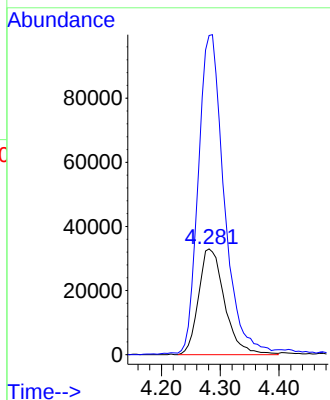
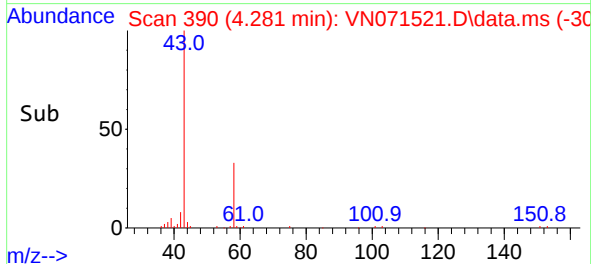
Instrument :
MSVOA_N
ClientSampleId :
VN0324WBS01



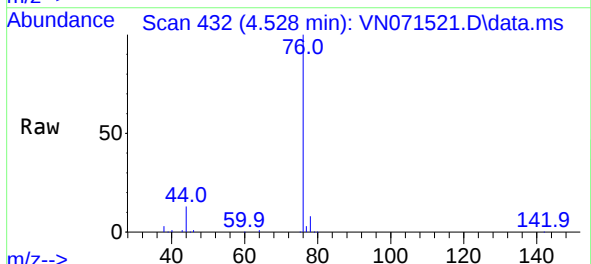
Tgt Ion: 58 Resp: 10174
Ion Ratio Lower Upper
58 100
43 300.5 256.6 384.8

Manual Integrations
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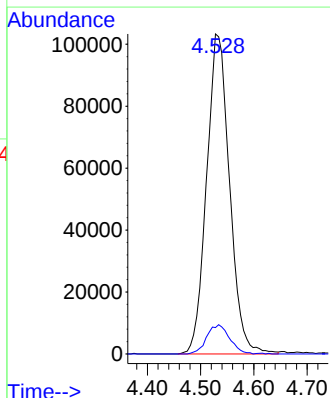
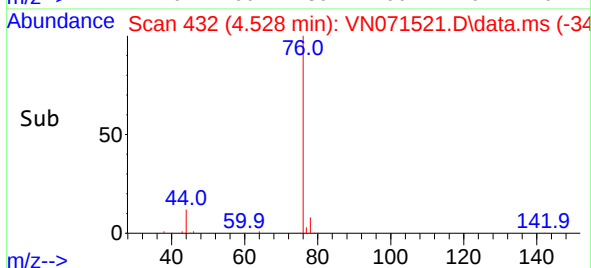
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

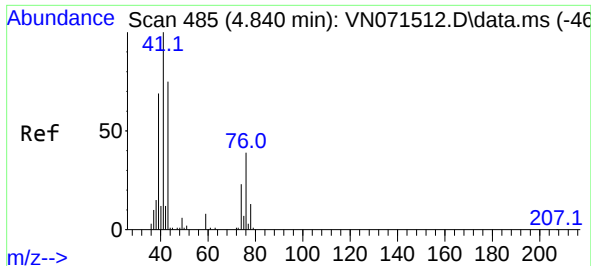


#16
Carbon Disulfide
Concen: 17.459 ug/l
RT: 4.528 min Scan# 432
Delta R.T. -0.006 min
Lab File: VN071521.D
Acq: 24 Mar 2022 15:03



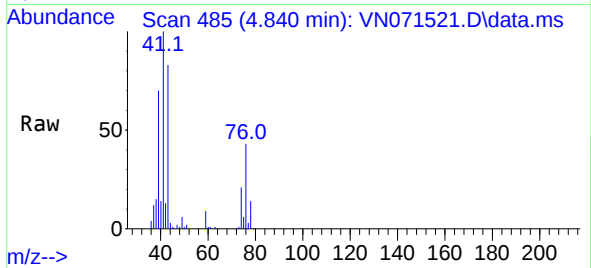
Tgt Ion: 76 Resp: 309739
Ion Ratio Lower Upper
76 100
78 8.3 7.8 11.8





#17
 Allyl chloride
 Concen: 17.514 ug/l
 RT: 4.840 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VN071521.D
 Acq: 24 Mar 2022 15:03

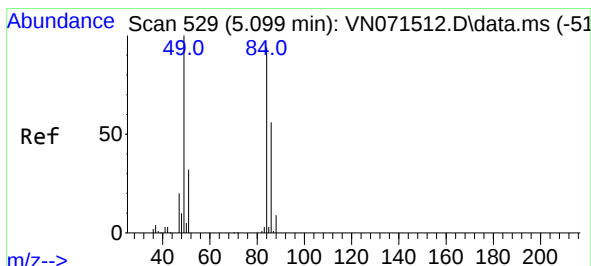
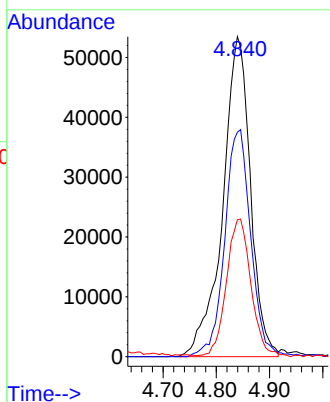
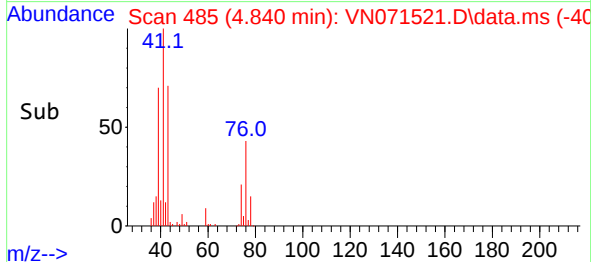
Instrument :
 MSVOA_N
 Client Sample Id :
 VN0324WBS01



Tgt Ion: 41 Resp: 193560
 Ion Ratio Lower Upper
 41 100
 39 70.1 44.6 134.0
 76 42.2 19.6 58.7

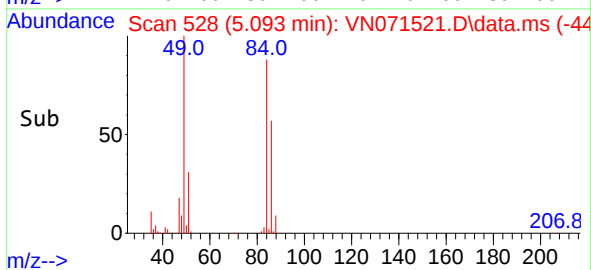
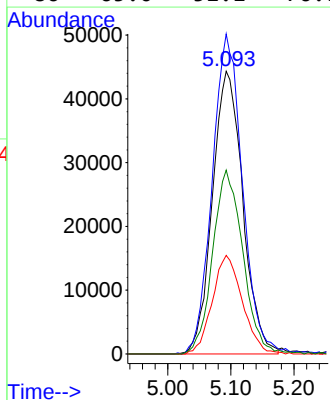
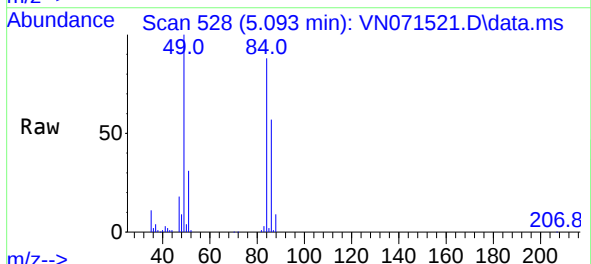
Manual Integrations
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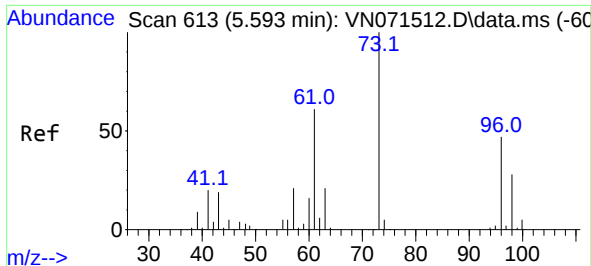
Reviewed By :John Carlone 03/25/2022
 Supervised By :Mahesh Dadoda 03/25/2022



#18
 Methylene Chloride
 Concen: 18.166 ug/l
 RT: 5.093 min Scan# 528
 Delta R.T. -0.006 min
 Lab File: VN071521.D
 Acq: 24 Mar 2022 15:03

Tgt Ion: 84 Resp: 148491
 Ion Ratio Lower Upper
 84 100
 49 112.8 91.4 137.0
 51 34.9 29.4 44.0
 86 65.0 51.1 76.7





#19

trans-1,2-Dichloroethene

Concen: 18.066 ug/l

RT: 5.598 min Scan# 613

Delta R.T. 0.006 min

Lab File: VN071521.D

Acq: 24 Mar 2022 15:03

Instrument :

MSVOA_N

ClientSampleId :

VN0324WBS01

Tgt Ion: 96 Resp: 13166

Ion Ratio Lower Upper

96 100

61 130.9 102.8 154.2

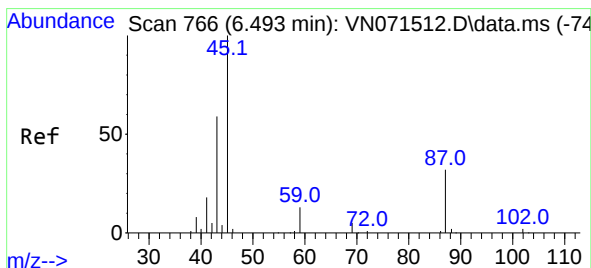
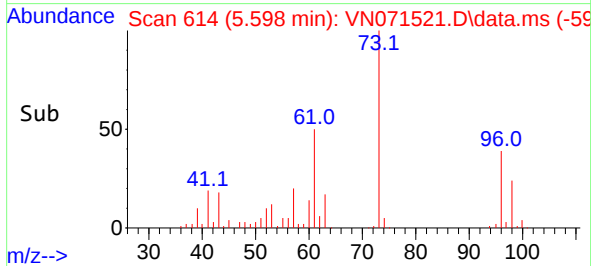
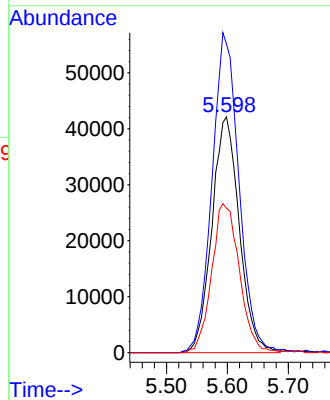
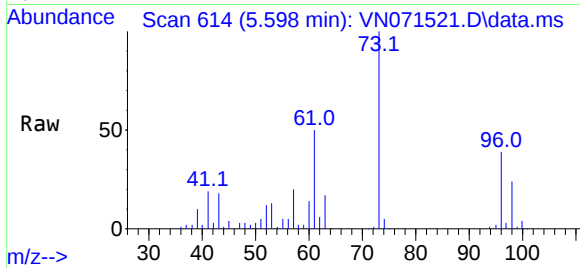
98 61.3 49.3 73.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/25/2022

Supervised By :Mahesh Dadoda 03/25/2022



#20

Diisopropyl ether

Concen: 18.254 ug/l

RT: 6.487 min Scan# 765

Delta R.T. -0.006 min

Lab File: VN071521.D

Acq: 24 Mar 2022 15:03

Tgt Ion: 45 Resp: 422111

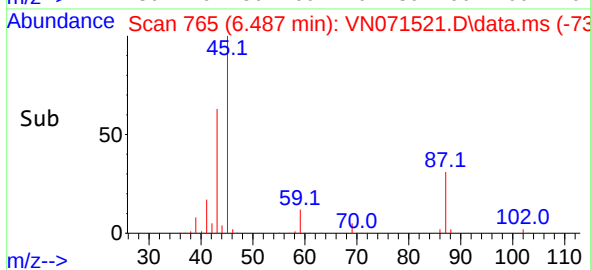
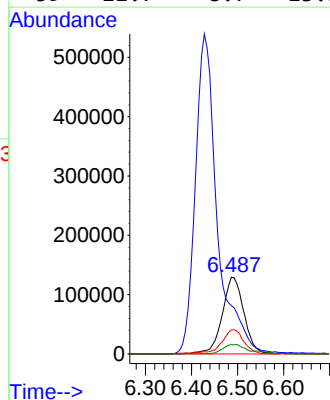
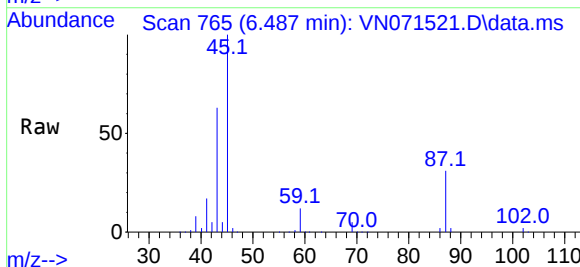
Ion Ratio Lower Upper

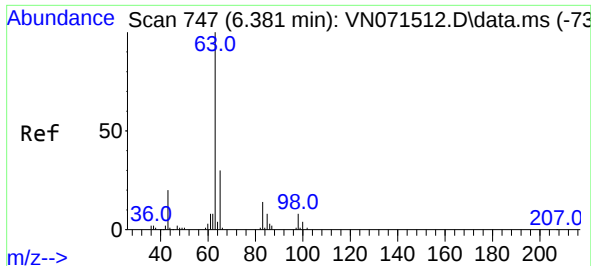
45 100

43 60.9 51.0 76.4

87 31.1 25.0 37.4

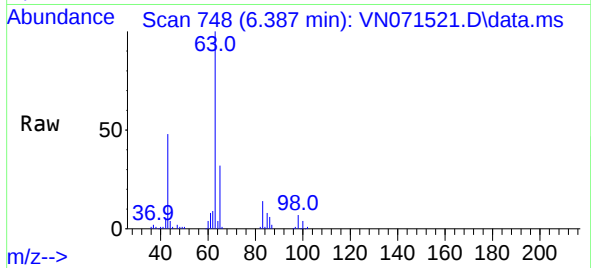
59 11.7 8.7 13.1





#21
1,1-Dichloroethane
Concen: 17.976 ug/l
RT: 6.387 min Scan# 747
Delta R.T. 0.006 min
Lab File: VN071521.D
Acq: 24 Mar 2022 15:03

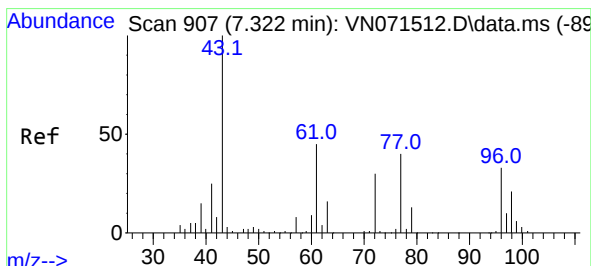
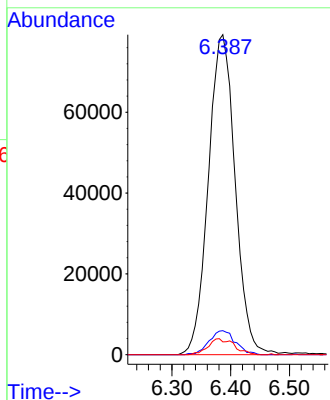
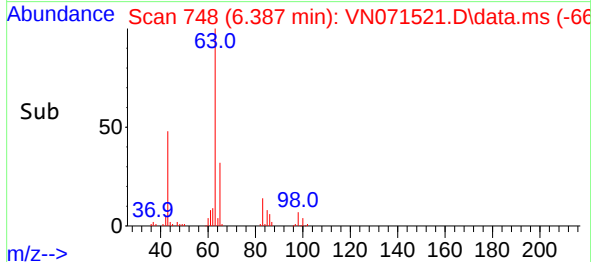
Instrument :
MSVOA_N
ClientSampleId :
VN0324WBS01



Tgt Ion: 63 Resp: 25097
Ion Ratio Lower Upper
63 100
98 7.5 3.2 9.6
100 4.0 2.1 6.2

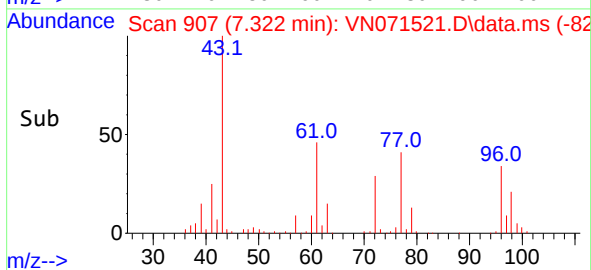
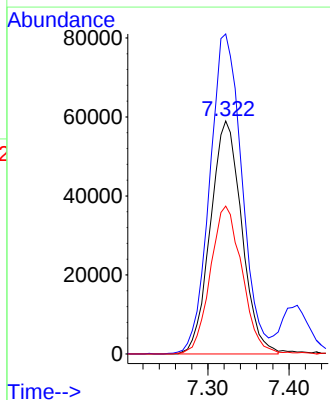
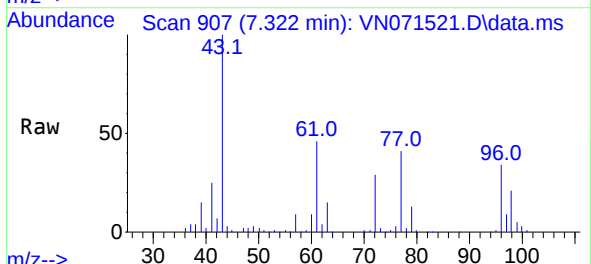
Manual Integrations
APPROVED

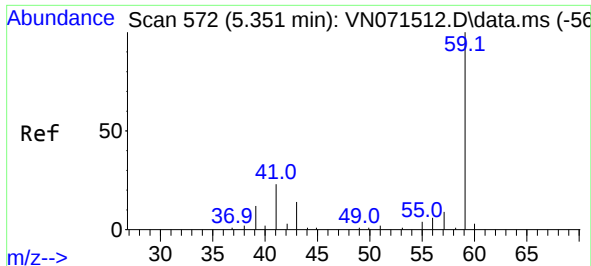
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#22
cis-1,2-Dichloroethene
Concen: 17.864 ug/l
RT: 7.322 min Scan# 907
Delta R.T. -0.000 min
Lab File: VN071521.D
Acq: 24 Mar 2022 15:03

Tgt Ion: 96 Resp: 158169
Ion Ratio Lower Upper
96 100
61 140.9 115.7 173.5
98 64.2 51.6 77.4





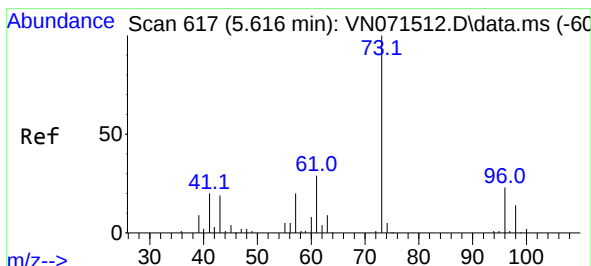
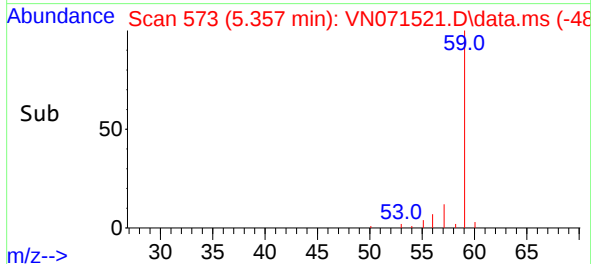
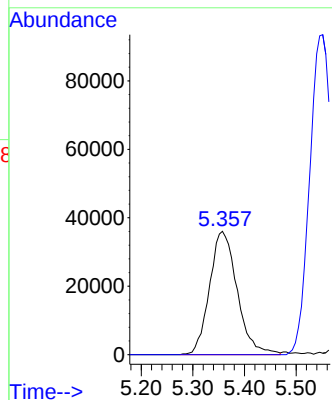
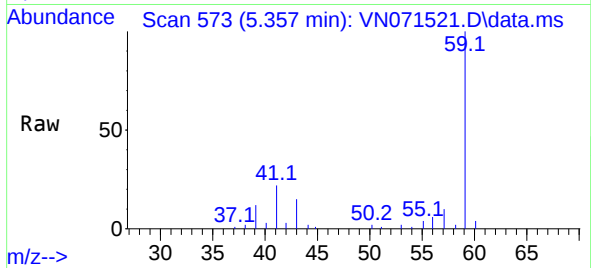
#23
tert-Butyl Alcohol
Concen: 86.210 ug/l
RT: 5.357 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN071521.D
Acq: 24 Mar 2022 15:03

Instrument :
MSVOA_N
ClientSampleId :
VN0324WBS01

Tgt Ion: 59 Resp: 133788
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

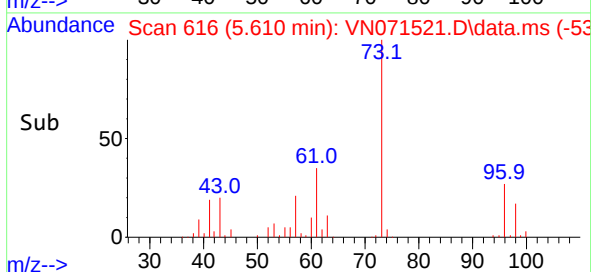
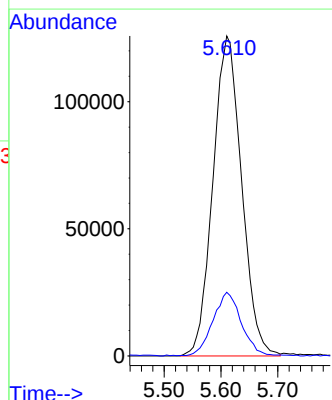
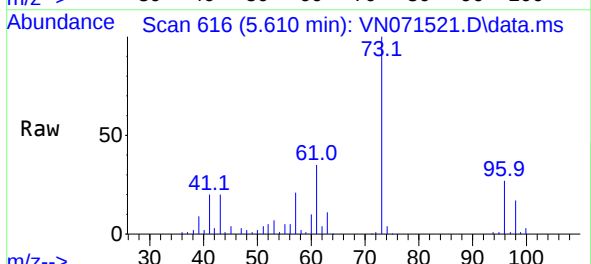
Manual Integrations
APPROVED

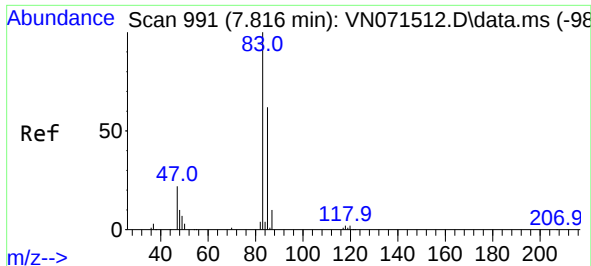
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#24
Methyl tert-Butyl Ether
Concen: 17.943 ug/l
RT: 5.610 min Scan# 616
Delta R.T. -0.006 min
Lab File: VN071521.D
Acq: 24 Mar 2022 15:03

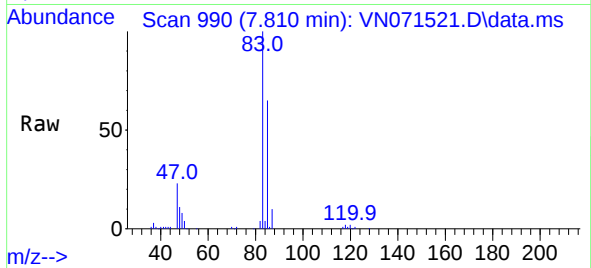
Tgt Ion: 73 Resp: 441230
Ion Ratio Lower Upper
73 100
43 19.8 18.1 27.1





#25
Chloroform
Concen: 18.143 ug/l
RT: 7.810 min Scan# 991
Delta R.T. -0.006 min
Lab File: VN071521.D
Acq: 24 Mar 2022 15:03

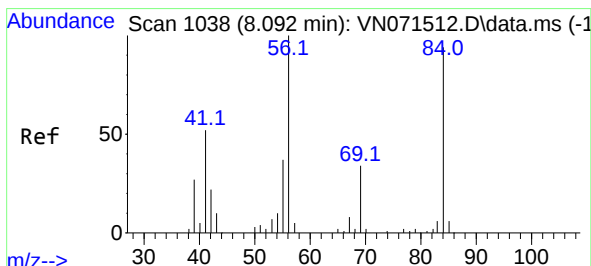
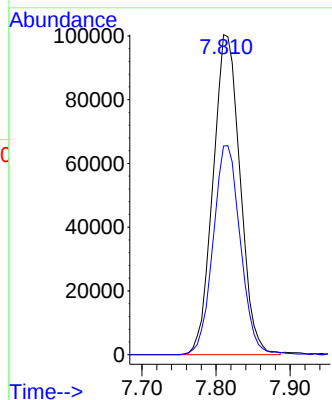
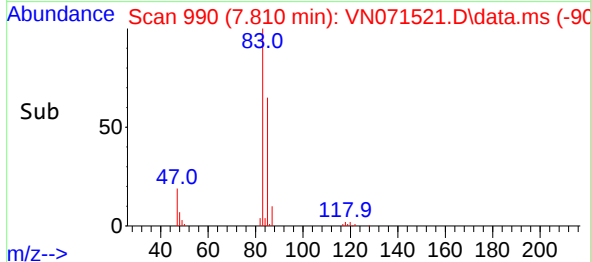
Instrument :
MSVOA_N
ClientSampleId :
VN0324WBS01



Tgt Ion: 83 Resp: 254752
Ion Ratio Lower Upper
83 100
85 65.2 51.3 76.9

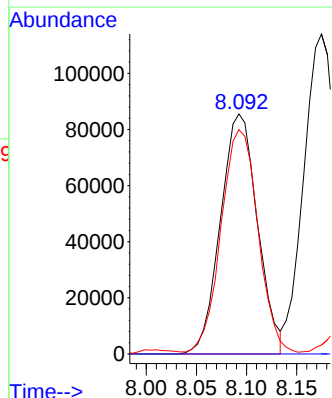
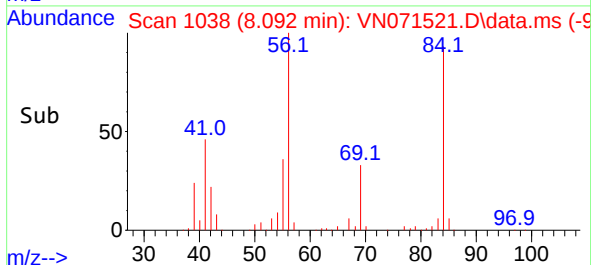
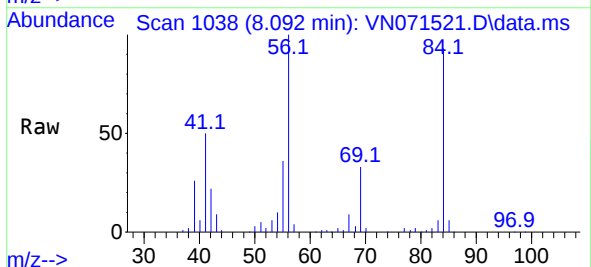
Manual Integrations
APPROVED

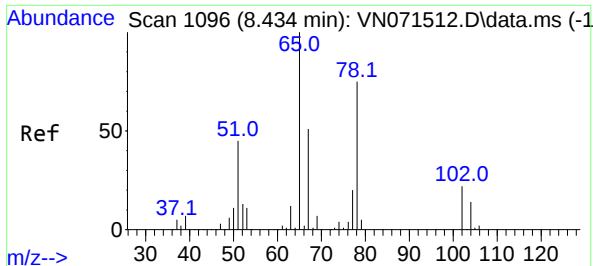
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#26
Cyclohexane
Concen: 18.203 ug/l
RT: 8.092 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VN071521.D
Acq: 24 Mar 2022 15:03

Tgt Ion: 56 Resp: 219671
Ion Ratio Lower Upper
56 100
89 0.0 0.1 0.1#
84 93.9 74.6 111.8





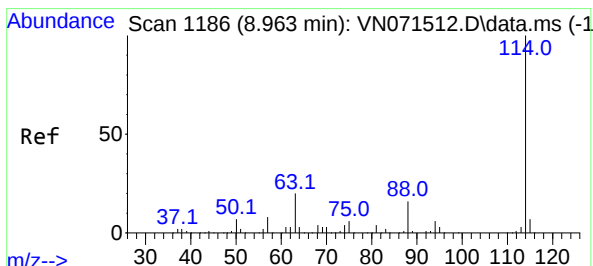
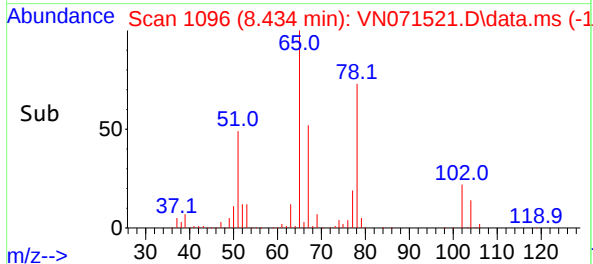
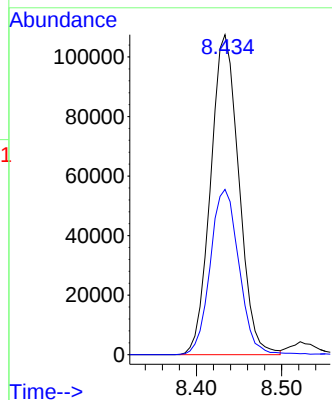
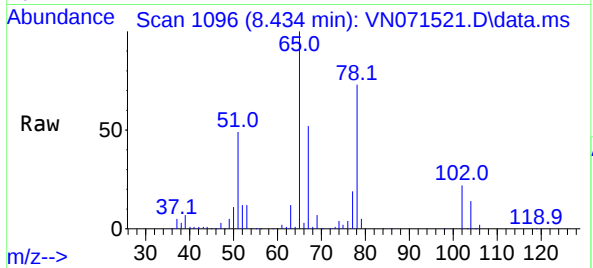
#27
1,2-Dichloroethane-d4
Concen: 29.935 ug/l
RT: 8.434 min Scan# 1096
Delta R.T. -0.000 min
Lab File: VN071521.D
Acq: 24 Mar 2022 15:03

Instrument :
MSVOA_N
ClientSampleId :
VN0324WBS01

Tgt Ion: 65 Resp: 24805
Ion Ratio Lower Upper
65 100
67 52.4 40.2 60.2

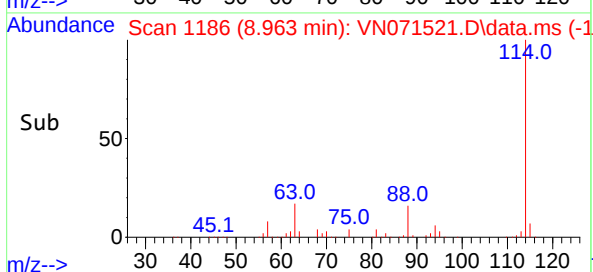
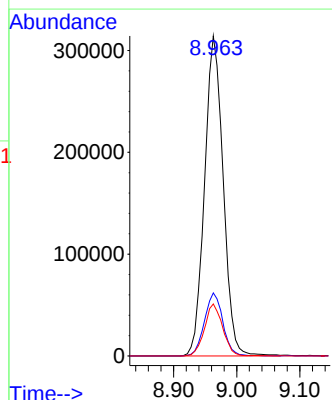
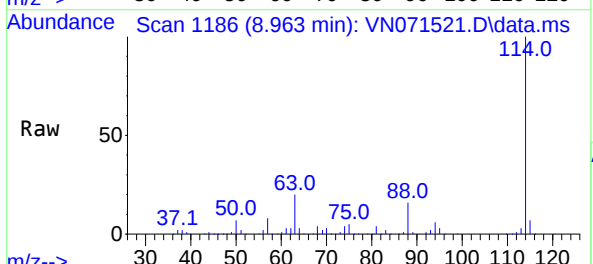
Manual Integrations
APPROVED

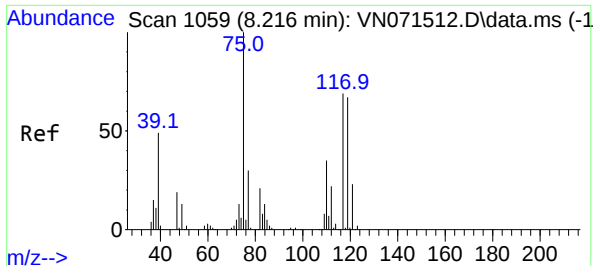
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN071521.D
Acq: 24 Mar 2022 15:03

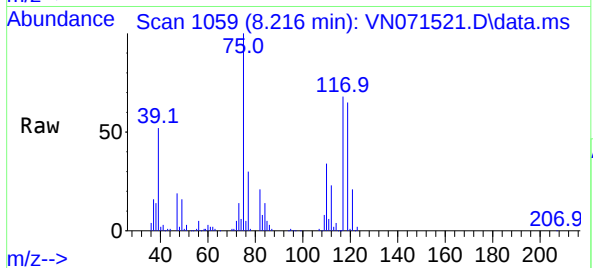
Tgt Ion:114 Resp: 645385
Ion Ratio Lower Upper
114 100
63 19.4 15.8 23.6
88 15.8 11.6 17.4





#29
1,1-Dichloropropene
Concen: 18.126 ug/l
RT: 8.216 min Scan# 1059
Delta R.T. -0.000 min
Lab File: VN071521.D
Acq: 24 Mar 2022 15:03

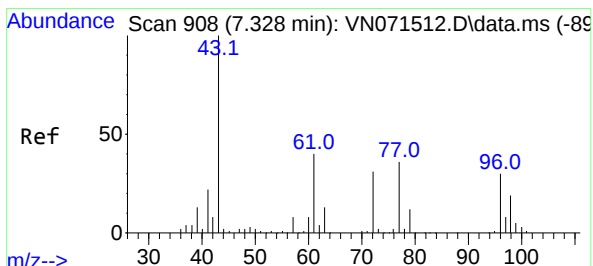
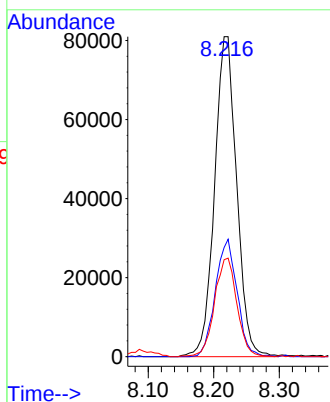
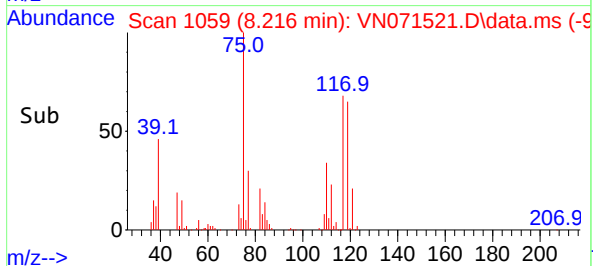
Instrument :
MSVOA_N
ClientSampleId :
VN0324WBS01



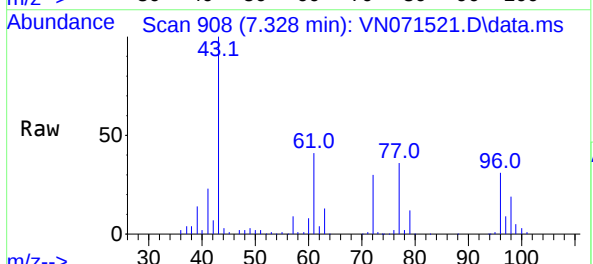
Tgt Ion: 75 Resp: 189344
Ion Ratio Lower Upper
75 100
110 36.0 0.0 74.2
77 31.2 0.0 63.2

Manual Integrations
APPROVED

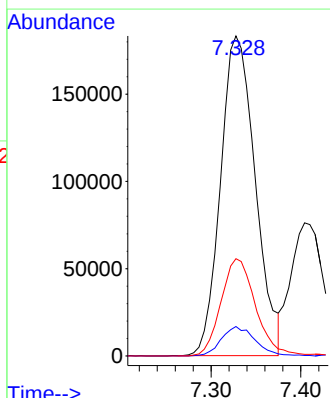
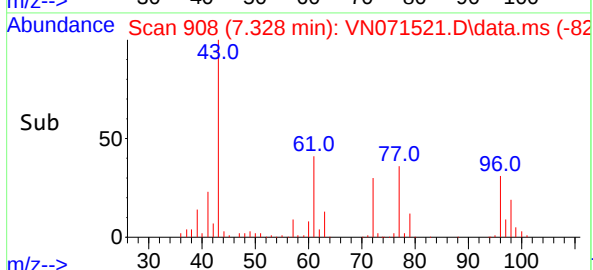
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

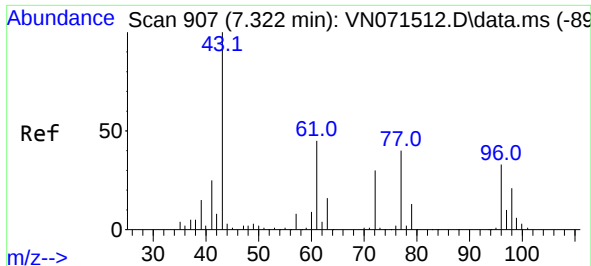


#30
2-Butanone
Concen: 84.796 ug/l
RT: 7.328 min Scan# 908
Delta R.T. -0.000 min
Lab File: VN071521.D
Acq: 24 Mar 2022 15:03



Tgt Ion: 43 Resp: 493071
Ion Ratio Lower Upper
43 100
57 8.9 6.7 10.1
72 30.2 23.2 34.8





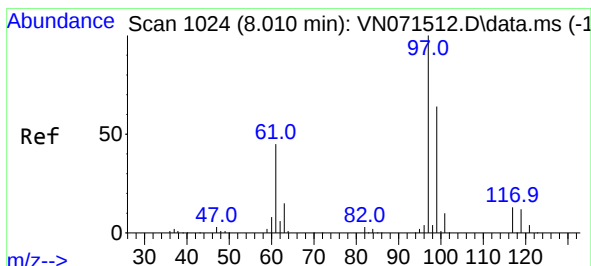
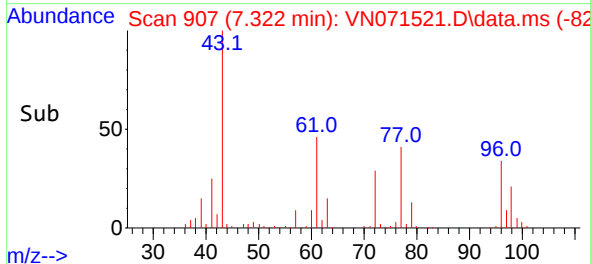
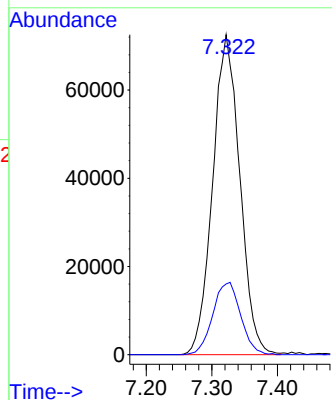
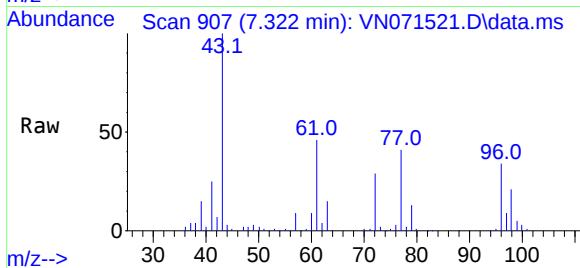
#31
2,2-Dichloropropane
Concen: 17.519 ug/l
RT: 7.322 min Scan# 907
Delta R.T. -0.000 min
Lab File: VN071521.D
Acq: 24 Mar 2022 15:03

Instrument :
MSVOA_N
ClientSampleId :
VN0324WBS01

Tgt Ion: 77 Resp: 20848
Ion Ratio Lower Upper
77 100
97 23.2 18.3 27.5

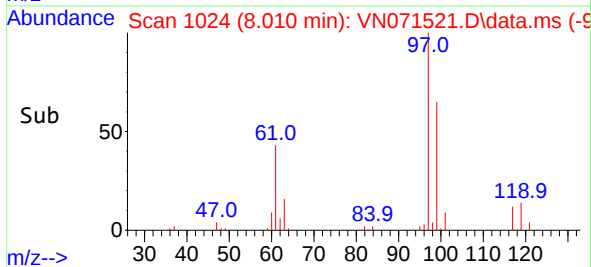
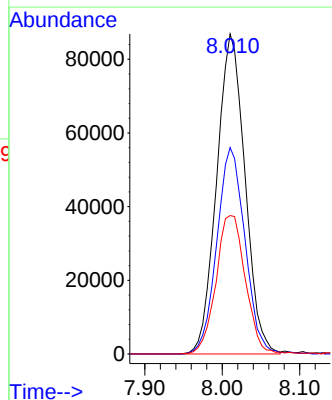
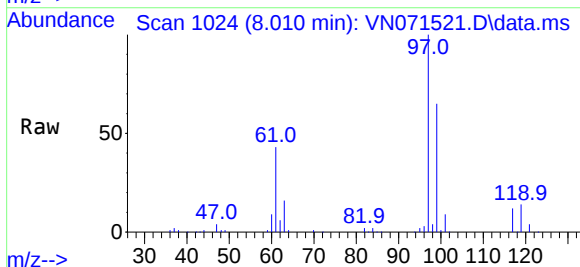
Manual Integrations
APPROVED

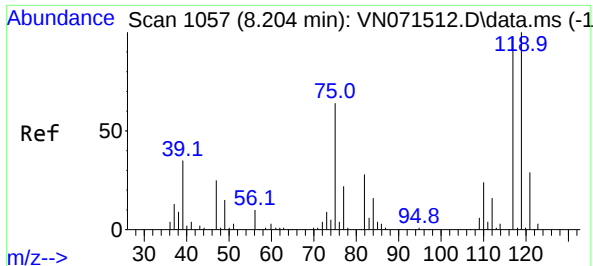
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#32
1,1,1-Trichloroethane
Concen: 18.162 ug/l
RT: 8.010 min Scan# 1024
Delta R.T. -0.000 min
Lab File: VN071521.D
Acq: 24 Mar 2022 15:03

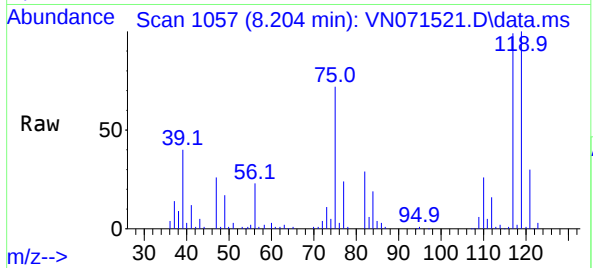
Tgt Ion: 97 Resp: 220967
Ion Ratio Lower Upper
97 100
99 63.9 50.4 75.6
61 44.8 34.6 51.8





#33
Carbon Tetrachloride
Concen: 17.889 ug/l
RT: 8.204 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN071521.D
Acq: 24 Mar 2022 15:03

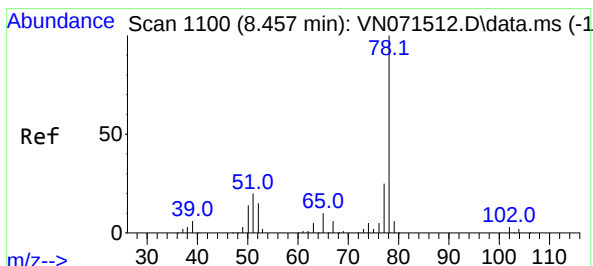
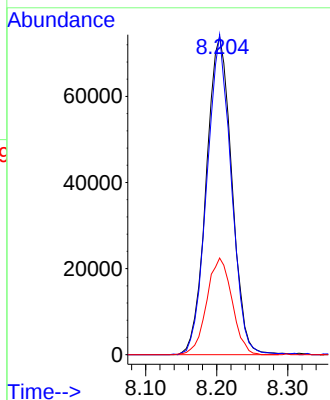
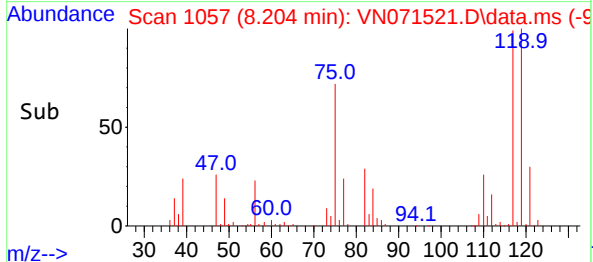
Instrument :
MSVOA_N
ClientSampleId :
VN0324WBS01



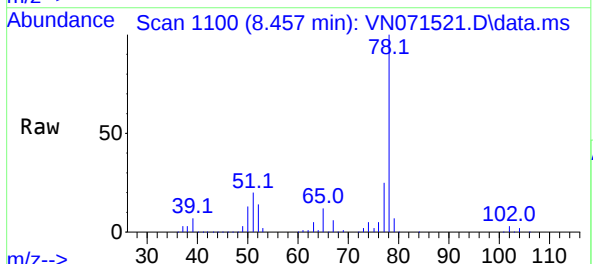
Tgt Ion:117 Resp: 18423
Ion Ratio Lower Upper
117 100
119 100.6 77.5 116.3
121 30.4 23.5 35.3

Manual Integrations
APPROVED

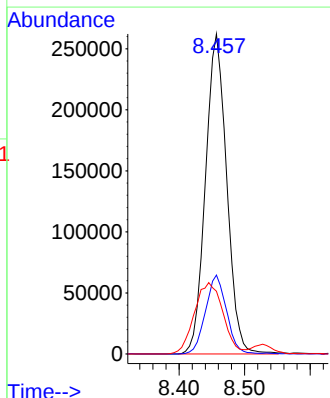
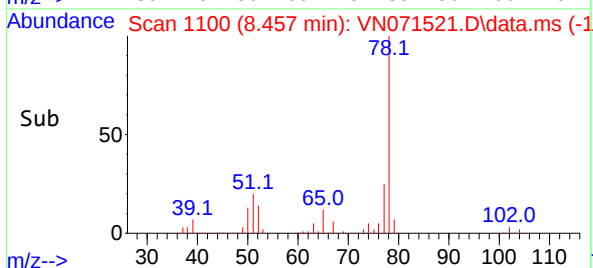
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

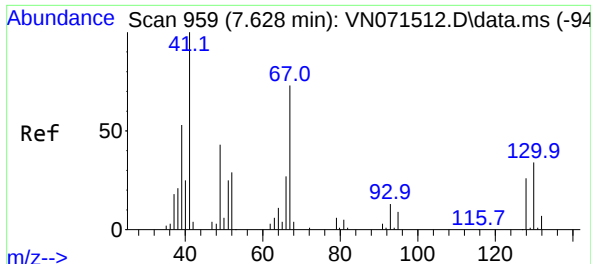


#34
Benzene
Concen: 18.179 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN071521.D
Acq: 24 Mar 2022 15:03



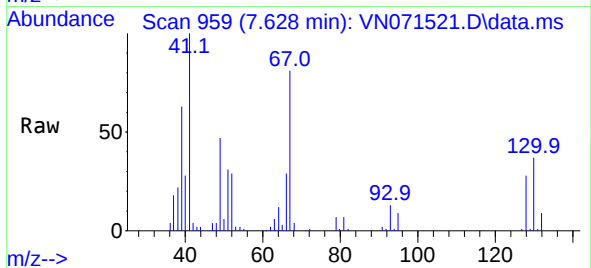
Tgt Ion: 78 Resp: 590010
Ion Ratio Lower Upper
78 100
77 24.7 19.1 28.7
51 18.8 16.0 24.0





#35
Methacrylonitrile
Concen: 18.723 ug/l
RT: 7.628 min Scan# 912
Delta R.T. -0.000 min
Lab File: VN071521.D
Acq: 24 Mar 2022 15:03

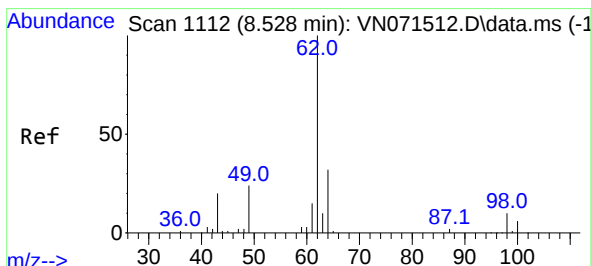
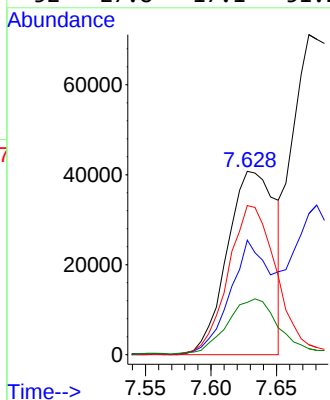
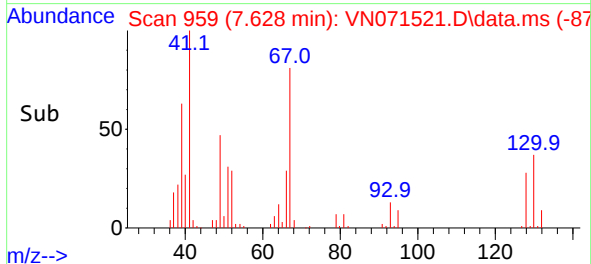
Instrument :
MSVOA_N
ClientSampleId :
VN0324WBS01



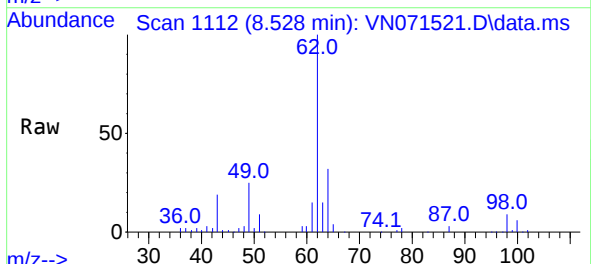
Tgt Ion: 41 Resp: 10445
Ion Ratio Lower Upper
41 100
39 62.1 28.0 83.9
67 81.4 37.7 113.1
52 27.8 17.1 51.2

Manual Integrations
APPROVED

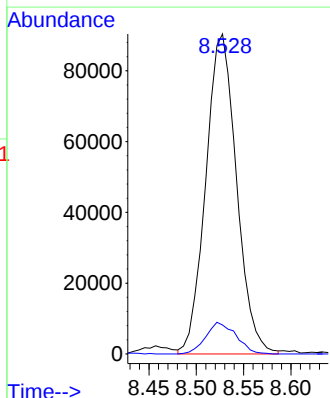
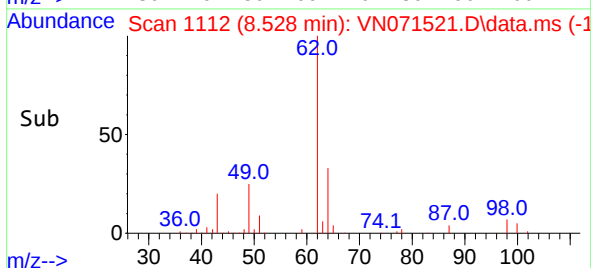
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

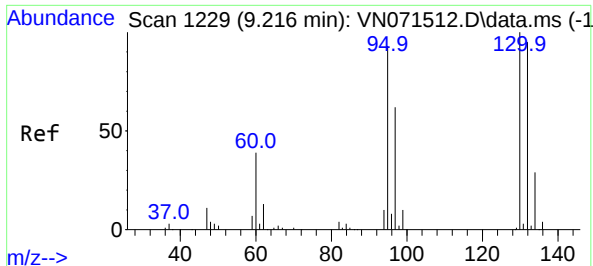


#36
1,2-Dichloroethane
Concen: 18.087 ug/l
RT: 8.528 min Scan# 1112
Delta R.T. -0.000 min
Lab File: VN071521.D
Acq: 24 Mar 2022 15:03



Tgt Ion: 62 Resp: 204782
Ion Ratio Lower Upper
62 100
98 9.7 6.6 10.0





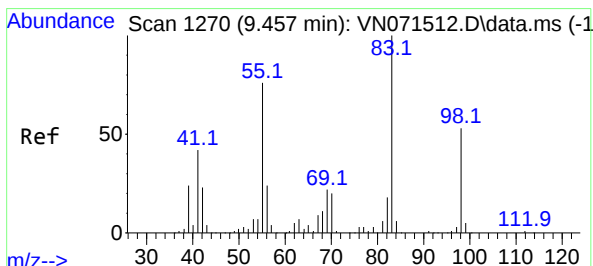
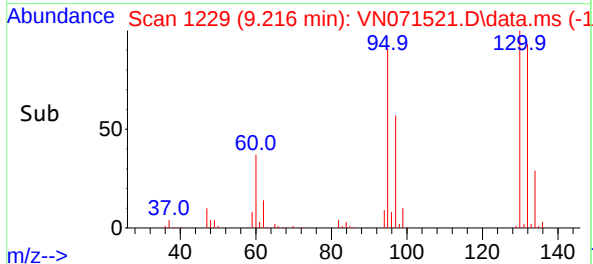
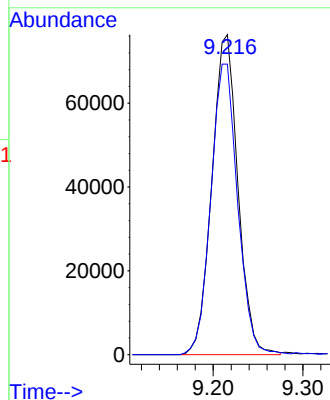
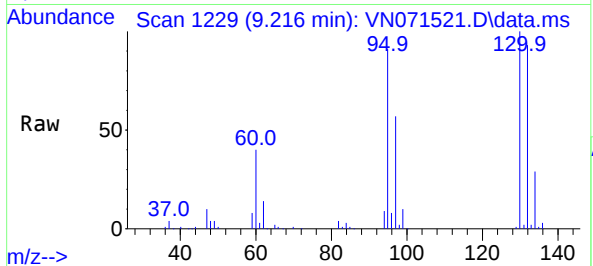
#37
Trichloroethene
Concen: 18.367 ug/l
RT: 9.216 min Scan# 1229
Delta R.T. -0.000 min
Lab File: VN071521.D
Acq: 24 Mar 2022 15:03

Instrument :
MSVOA_N
ClientSampleId :
VN0324WBS01

Tgt Ion:130 Resp: 15381
Ion Ratio Lower Upper
130 100
95 90.8 76.6 115.0

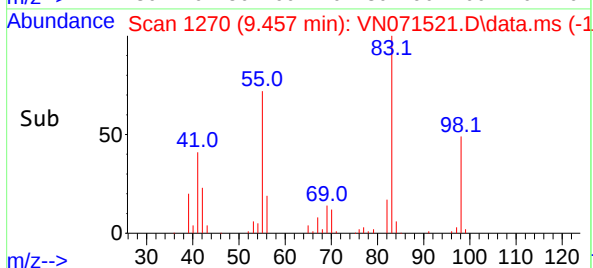
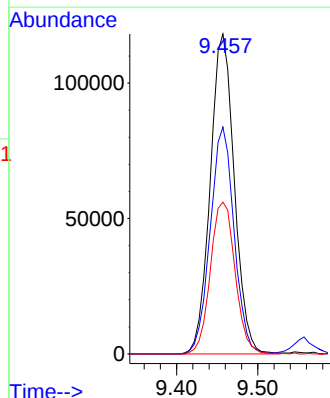
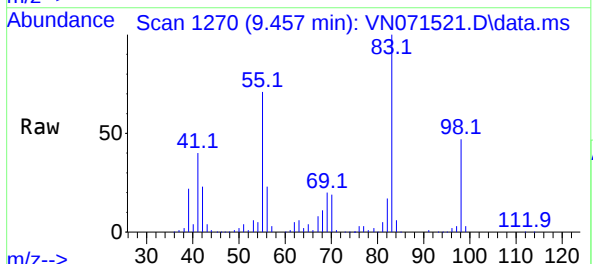
Manual Integrations
APPROVED

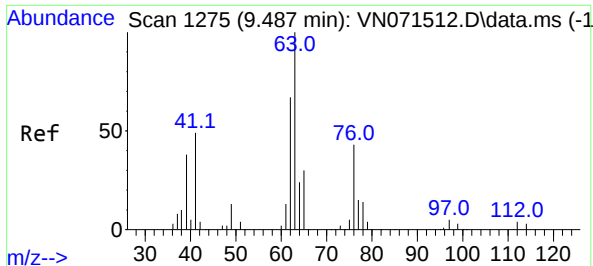
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#38
Methylcyclohexane
Concen: 18.508 ug/l
RT: 9.457 min Scan# 1270
Delta R.T. -0.000 min
Lab File: VN071521.D
Acq: 24 Mar 2022 15:03

Tgt Ion: 83 Resp: 243701
Ion Ratio Lower Upper
83 100
55 70.3 35.1 105.3
98 48.7 23.4 70.2





#39

1,2-Dichloropropane

Concen: 17.686 ug/l

RT: 9.486 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN071521.D

Acq: 24 Mar 2022 15:03

Instrument :

MSVOA_N

ClientSampleId :

VN0324WBS01

Tgt Ion: 63 Resp: 14361

Ion Ratio Lower Upper

63 100

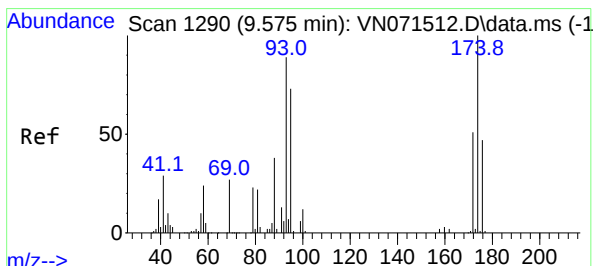
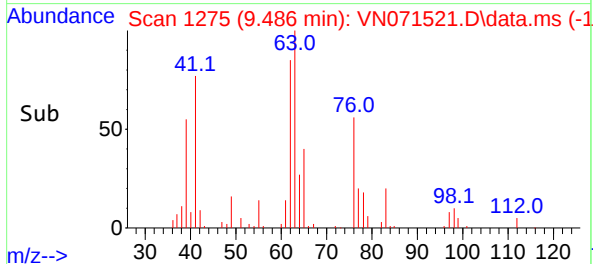
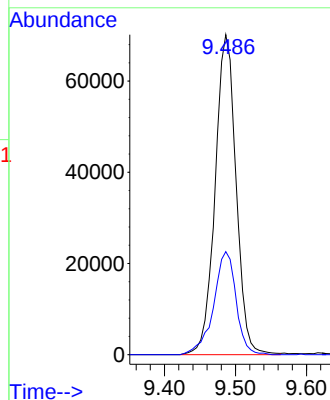
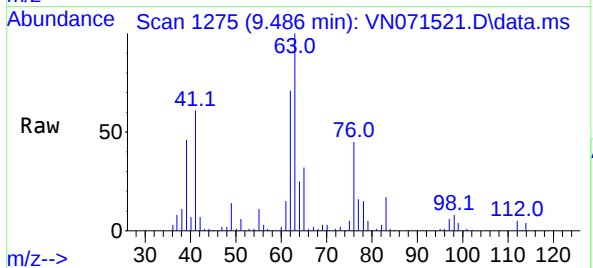
65 32.2 24.2 36.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/25/2022

Supervised By :Mahesh Dadoda 03/25/2022



#40

Dibromomethane

Concen: 17.994 ug/l

RT: 9.575 min Scan# 1290

Delta R.T. -0.000 min

Lab File: VN071521.D

Acq: 24 Mar 2022 15:03

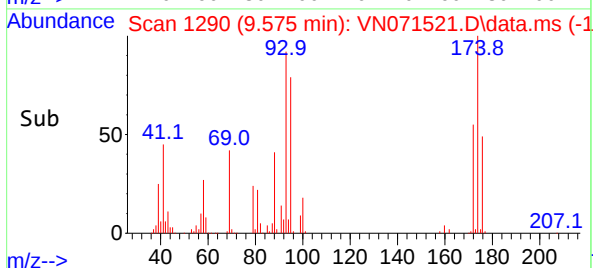
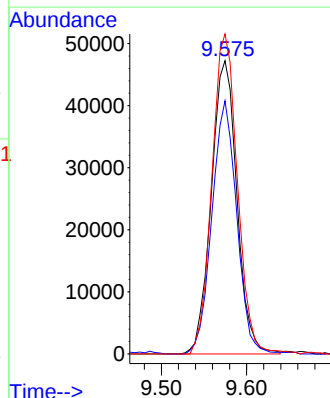
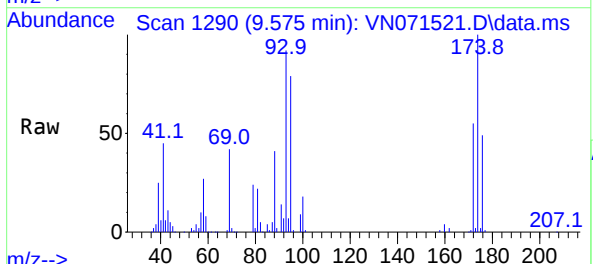
Tgt Ion: 93 Resp: 98896

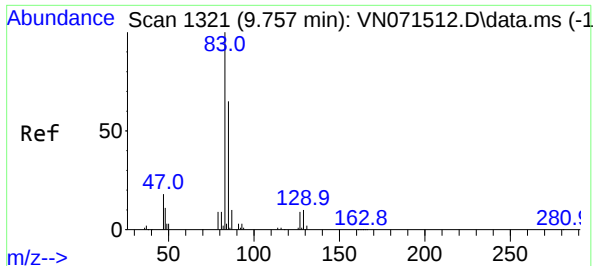
Ion Ratio Lower Upper

93 100

95 83.3 0.0 168.8

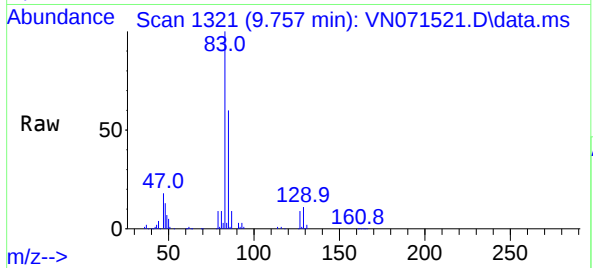
174 108.4 0.0 173.6





#41
Bromodichloromethane
Concen: 18.100 ug/l
RT: 9.757 min Scan# 1321
Delta R.T. -0.000 min
Lab File: VN071521.D
Acq: 24 Mar 2022 15:03

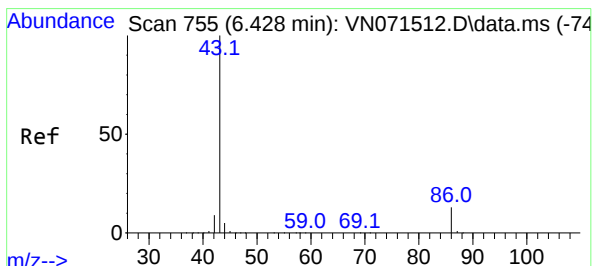
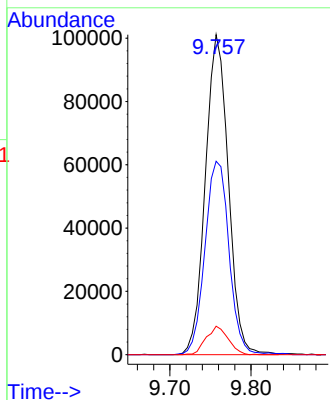
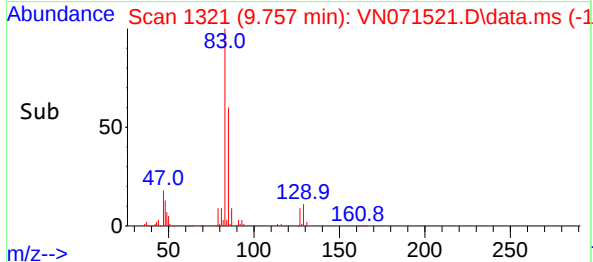
Instrument :
MSVOA_N
ClientSampleId :
VN0324WBS01



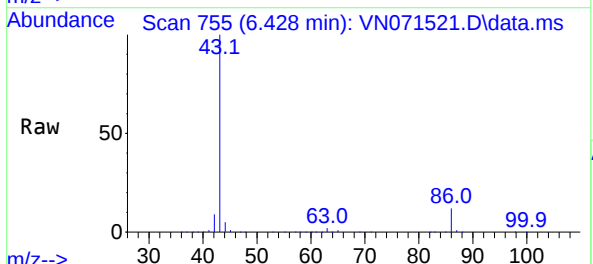
Tgt Ion: 83 Resp: 199072
Ion Ratio Lower Upper
83 100
85 60.2 54.1 81.1
127 8.9 7.6 11.4

Manual Integrations
APPROVED

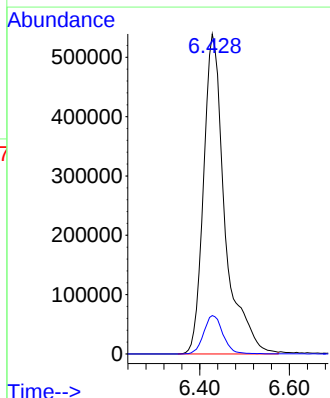
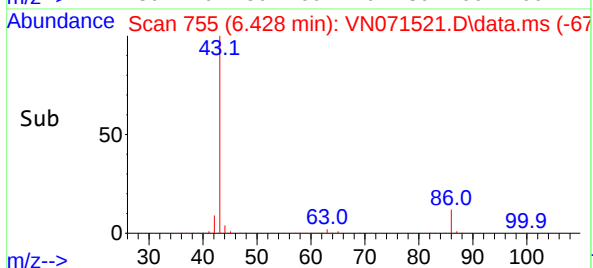
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

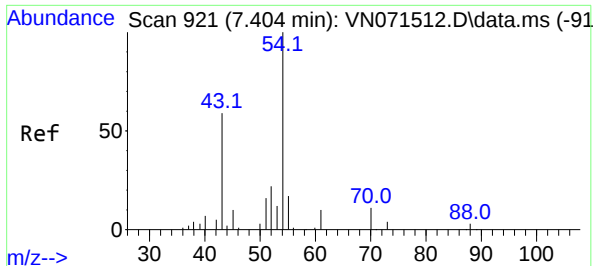


#42
Vinyl Acetate
Concen: 89.366 ug/l
RT: 6.428 min Scan# 755
Delta R.T. -0.000 min
Lab File: VN071521.D
Acq: 24 Mar 2022 15:03



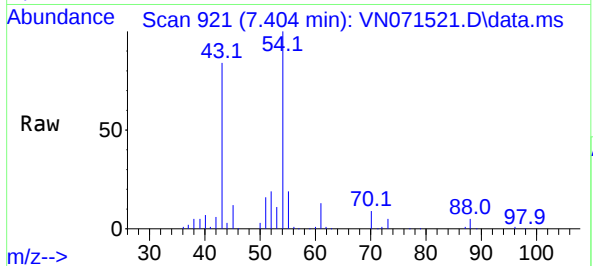
Tgt Ion: 43 Resp: 1780519
Ion Ratio Lower Upper
43 100
86 10.8 7.5 11.3





#43
Ethyl Acetate
Concen: 17.604 ug/l
RT: 7.404 min Scan# 911
Delta R.T. -0.000 min
Lab File: VN071521.D
Acq: 24 Mar 2022 15:03

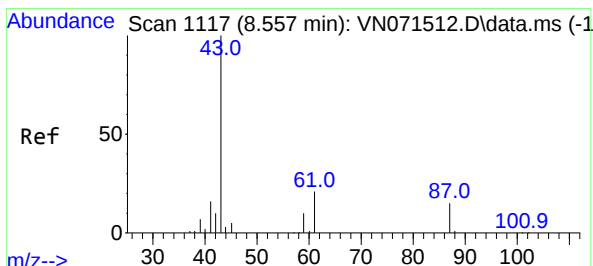
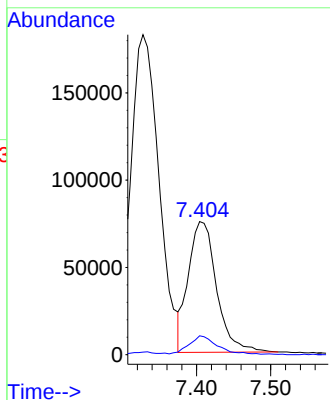
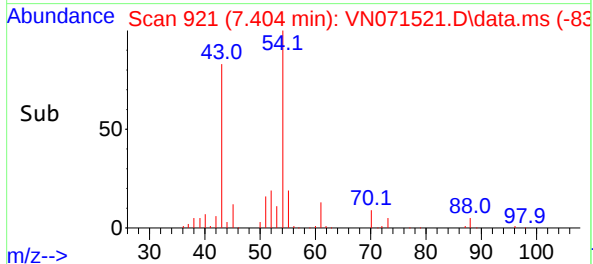
Instrument :
MSVOA_N
ClientSampleId :
VN0324WBS01



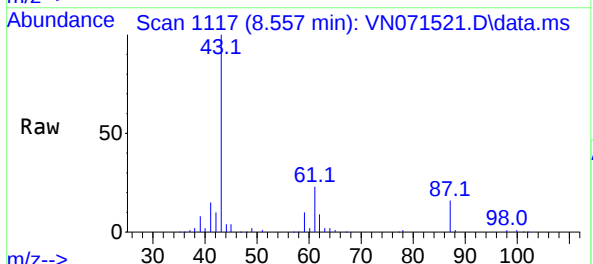
Tgt Ion: 43 Resp: 198499
Ion Ratio Lower Upper
43 100
45 12.7 10.6 16.0

Manual Integrations
APPROVED

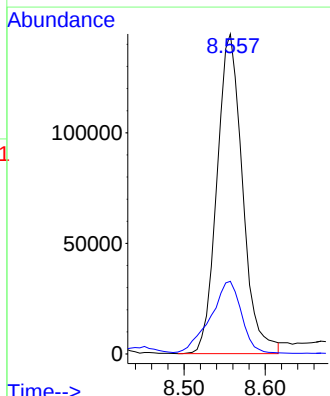
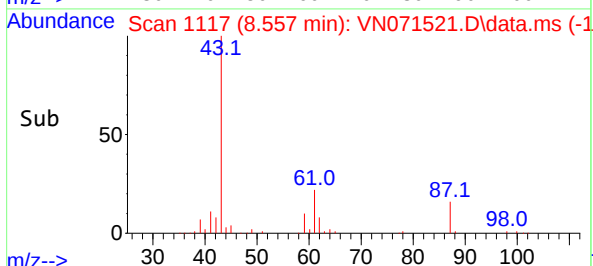
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

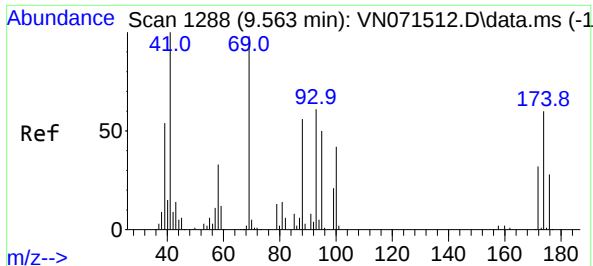


#44
Isopropyl Acetate
Concen: 17.499 ug/l
RT: 8.557 min Scan# 1117
Delta R.T. -0.000 min
Lab File: VN071521.D
Acq: 24 Mar 2022 15:03



Tgt Ion: 43 Resp: 316462
Ion Ratio Lower Upper
43 100
61 27.6 20.1 30.1





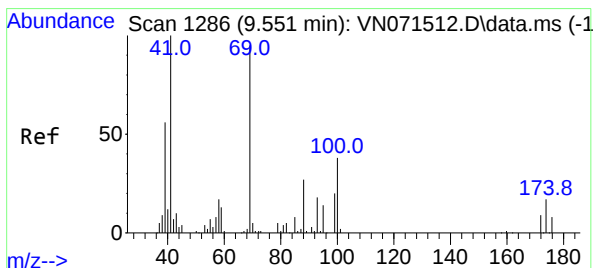
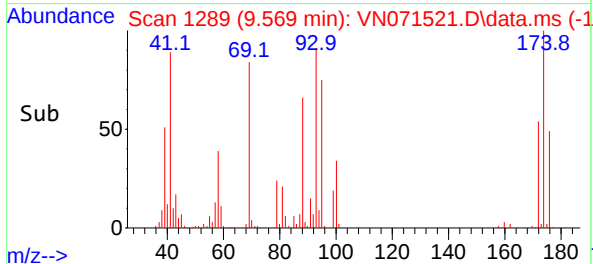
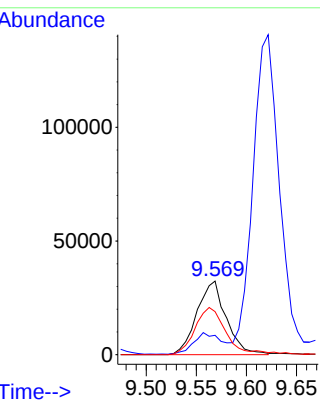
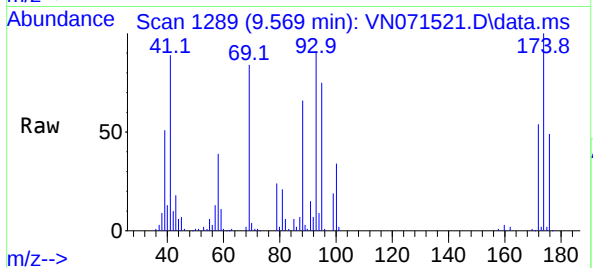
#45
1,4-Dioxane
Concen: 360.219 ug/l
RT: 9.569 min Scan# 1289
Delta R.T. 0.006 min
Lab File: VN071521.D
Acq: 24 Mar 2022 15:03

Instrument :
MSVOA_N
ClientSampleId :
VN0324WBS01

Tgt Ion: 88 Resp: 65725
Ion Ratio Lower Upper
88 100
43 27.1 25.0 37.6
58 64.8 49.4 74.2

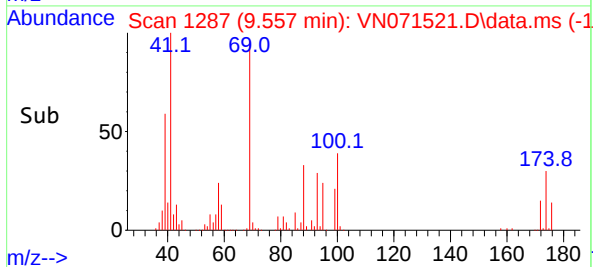
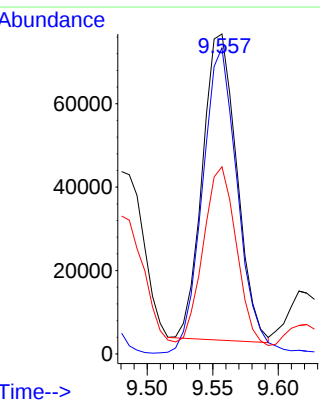
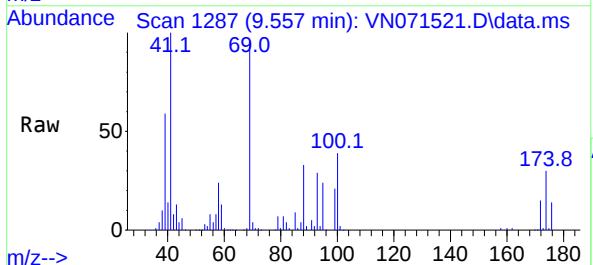
Manual Integrations
APPROVED

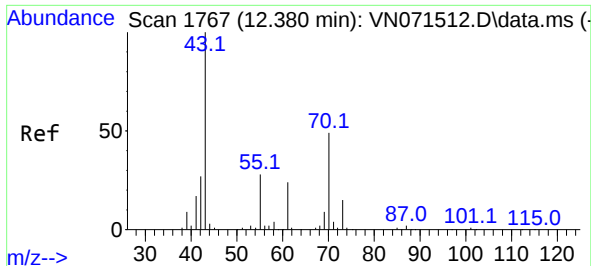
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#46
Methyl methacrylate
Concen: 16.832 ug/l
RT: 9.557 min Scan# 1287
Delta R.T. 0.006 min
Lab File: VN071521.D
Acq: 24 Mar 2022 15:03

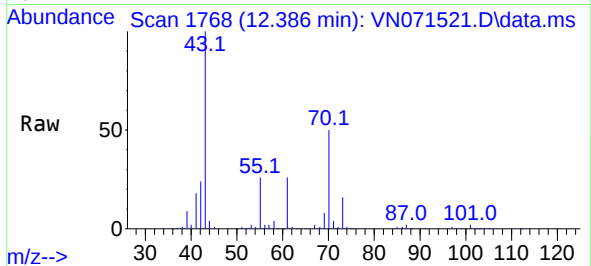
Tgt Ion: 41 Resp: 133488
Ion Ratio Lower Upper
41 100
69 100.2 44.4 133.2
39 58.9 39.9 119.6





#47
n-amy1 Acetate
Concen: 16.561 ug/l
RT: 12.386 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN071521.D
Acq: 24 Mar 2022 15:03

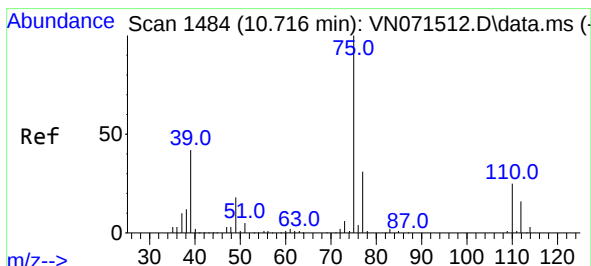
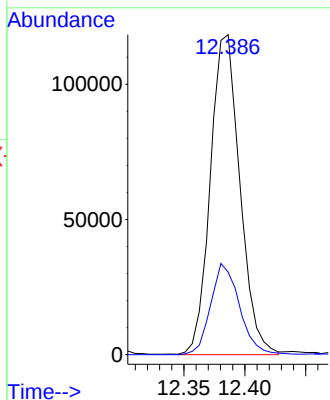
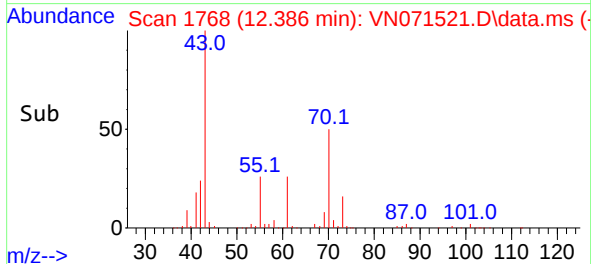
Instrument :
MSVOA_N
ClientSampleId :
VN0324WBS01



Tgt Ion: 43 Resp: 199860
Ion Ratio Lower Upper
43 100
55 27.8 19.0 28.6

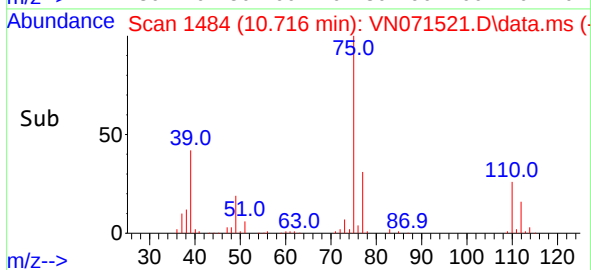
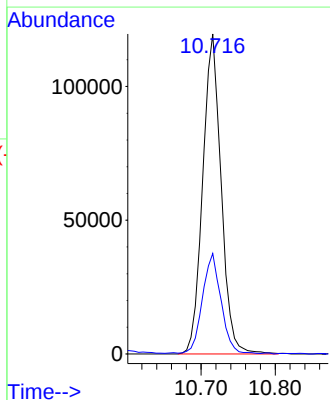
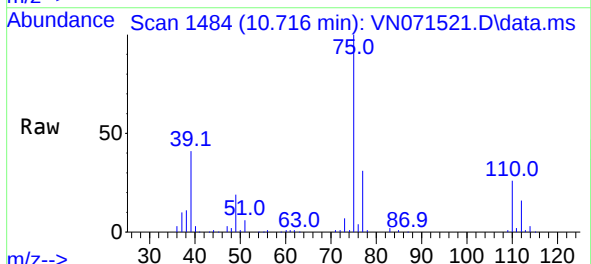
Manual Integrations
APPROVED

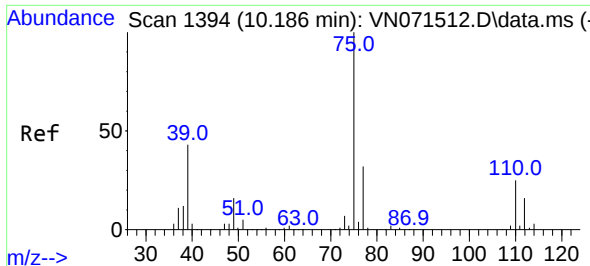
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#48
t-1,3-Dichloropropene
Concen: 17.282 ug/l
RT: 10.716 min Scan# 1484
Delta R.T. -0.000 min
Lab File: VN071521.D
Acq: 24 Mar 2022 15:03

Tgt Ion: 75 Resp: 206596
Ion Ratio Lower Upper
75 100
77 31.3 25.3 37.9





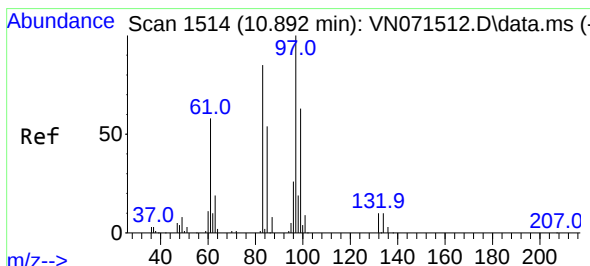
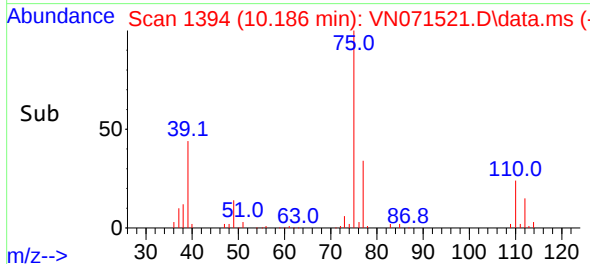
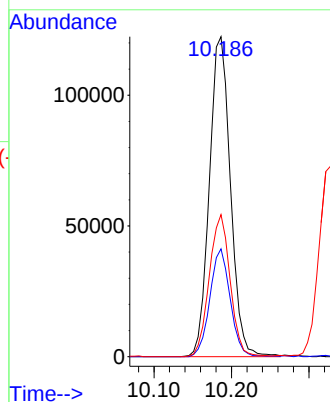
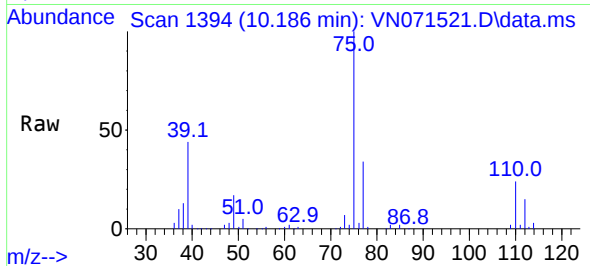
#49
cis-1,3-Dichloropropene
Concen: 17.698 ug/l
RT: 10.186 min Scan# 1394
Delta R.T. -0.000 min
Lab File: VN071521.D
Acq: 24 Mar 2022 15:03

Instrument :
MSVOA_N
ClientSampleId :
VN0324WBS01

Tgt Ion: 75 Resp: 23136
Ion Ratio Lower Upper
75 100
77 33.7 25.3 37.9
39 44.4 46.2 69.4

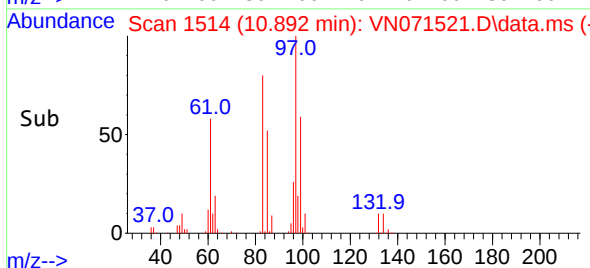
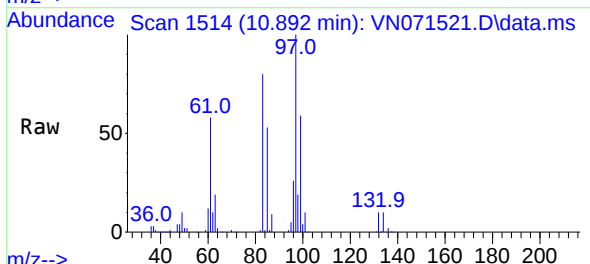
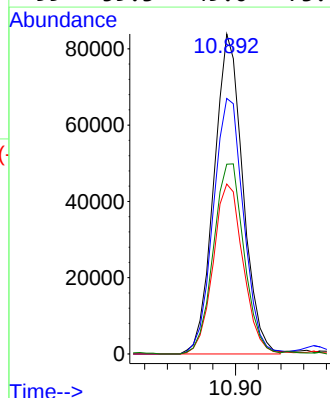
Manual Integrations
APPROVED

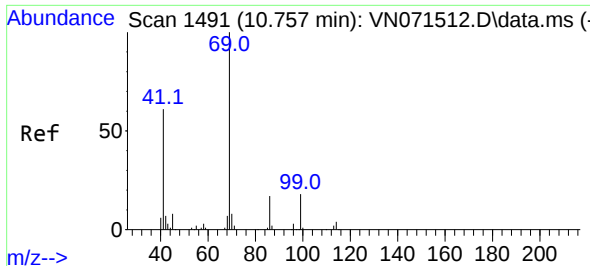
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#50
1,1,2-Trichloroethane
Concen: 18.025 ug/l
RT: 10.892 min Scan# 1514
Delta R.T. -0.000 min
Lab File: VN071521.D
Acq: 24 Mar 2022 15:03

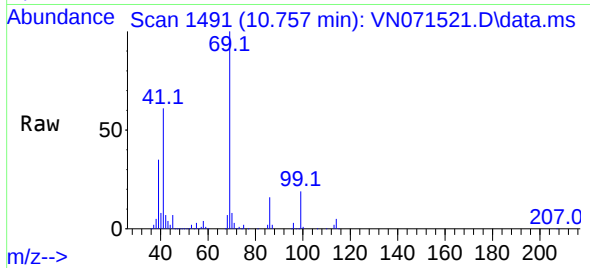
Tgt Ion: 97 Resp: 148101
Ion Ratio Lower Upper
97 100
83 79.9 67.2 100.8
85 53.1 43.0 64.4
99 59.3 49.0 73.4





#51
Ethyl methacrylate
Concen: 17.594 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VN071521.D
Acq: 24 Mar 2022 15:03

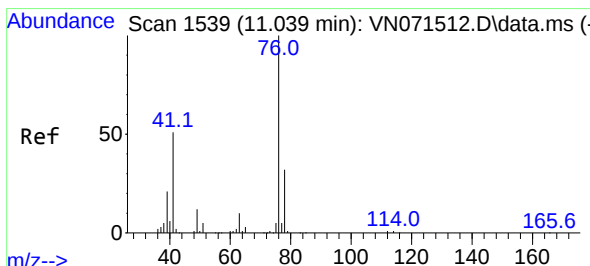
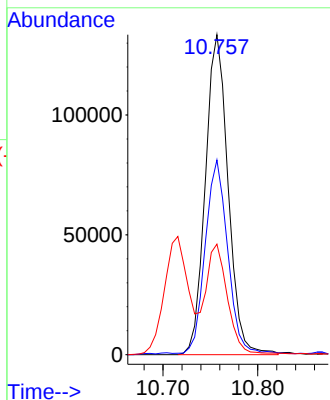
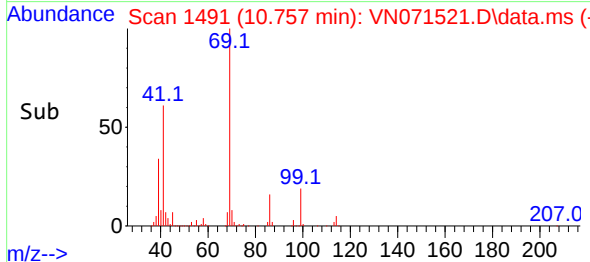
Instrument :
MSVOA_N
ClientSampleId :
VN0324WBS01



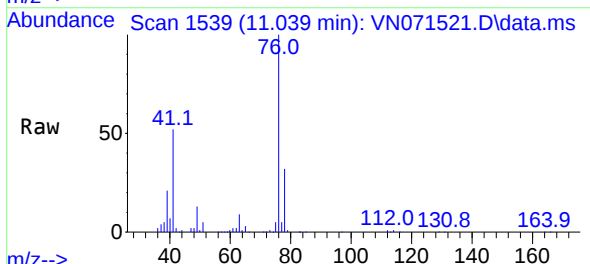
Tgt Ion: 69 Resp: 22320
Ion Ratio Lower Upper
69 100
41 60.4 33.0 98.9
39 34.1 25.4 76.4

Manual Integrations
APPROVED

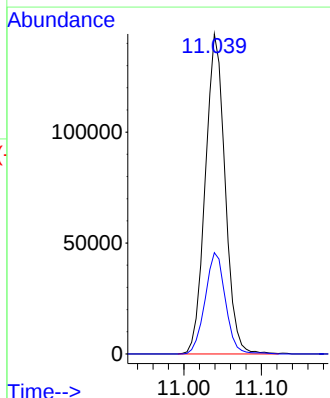
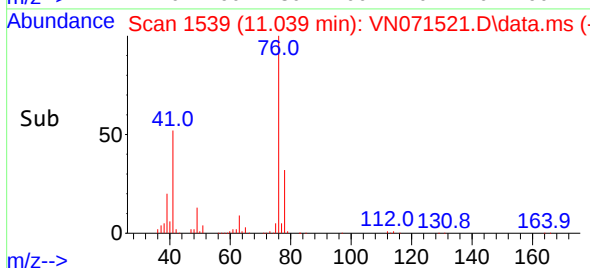
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

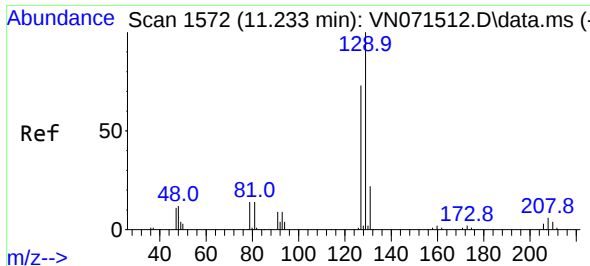


#52
1,3-Dichloropropane
Concen: 18.204 ug/l
RT: 11.039 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VN071521.D
Acq: 24 Mar 2022 15:03



Tgt Ion: 76 Resp: 255427
Ion Ratio Lower Upper
76 100
78 32.6 0.0 65.4





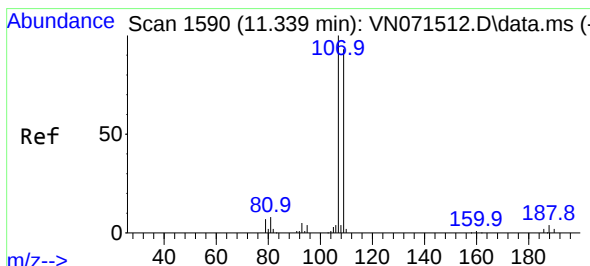
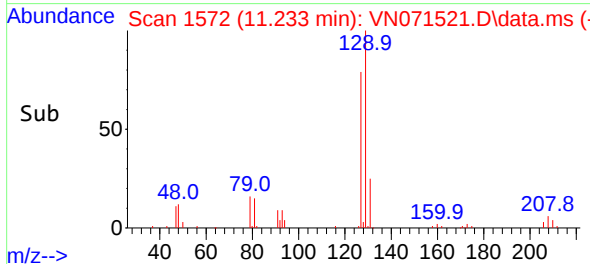
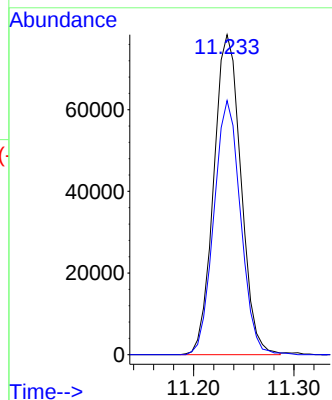
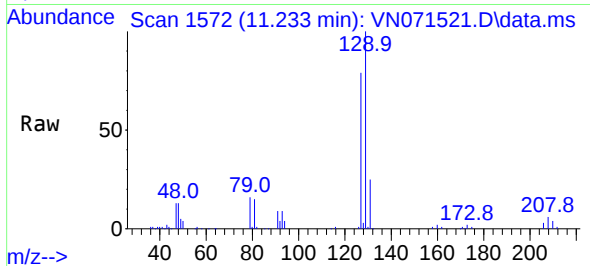
#53
Dibromochloromethane
Concen: 17.339 ug/l
RT: 11.233 min Scan# 1572
Delta R.T. -0.000 min
Lab File: VN071521.D
Acq: 24 Mar 2022 15:03

Instrument :
MSVOA_N
ClientSampleId :
VN0324WBS01

Tgt Ion:129 Resp: 147474
Ion Ratio Lower Upper
129 100
127 77.9 39.0 117.0

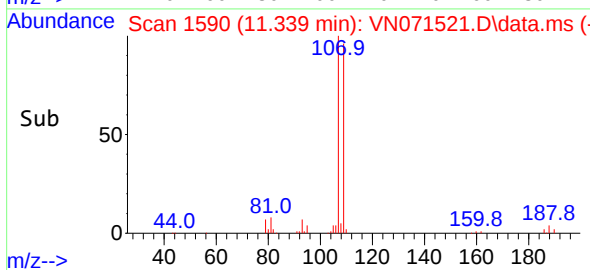
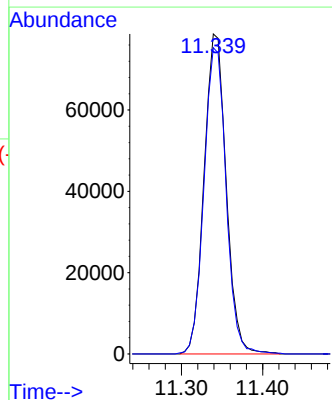
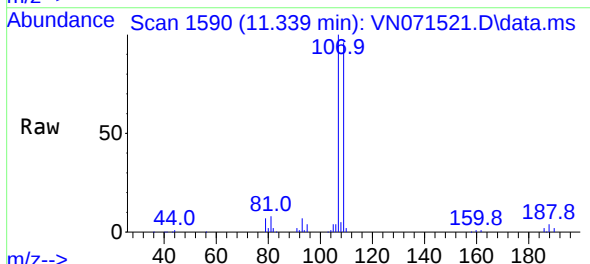
Manual Integrations
APPROVED

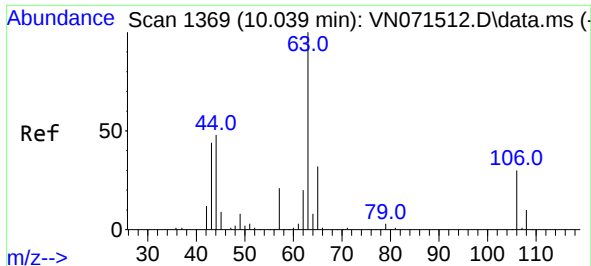
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#54
1,2-Dibromoethane
Concen: 17.594 ug/l
RT: 11.339 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VN071521.D
Acq: 24 Mar 2022 15:03

Tgt Ion:107 Resp: 148705
Ion Ratio Lower Upper
107 100
109 95.8 72.8 109.2





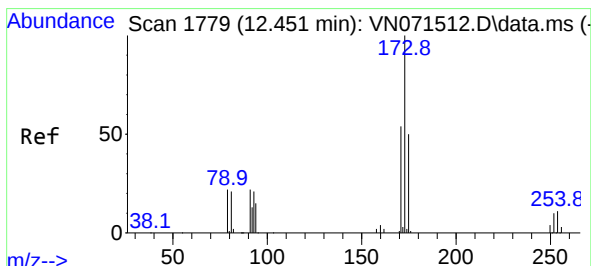
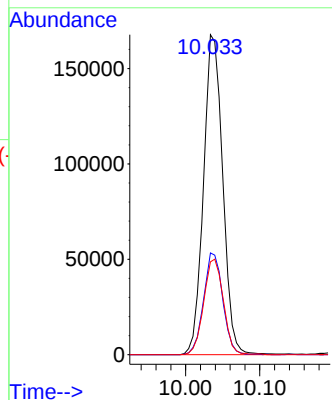
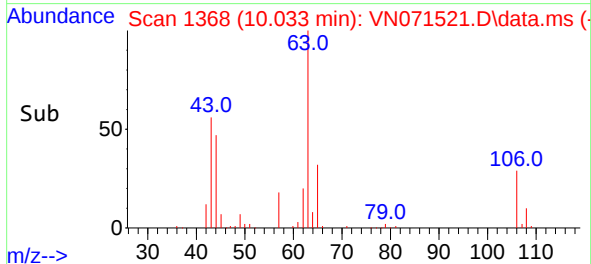
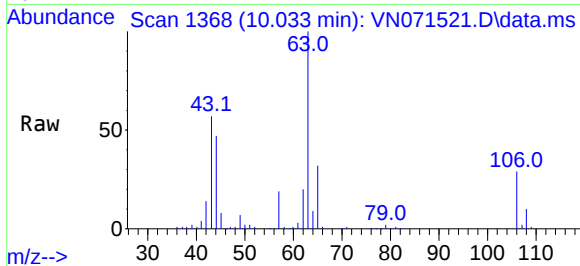
#55
2-Chloroethyl vinyl ether
Concen: 88.662 ug/l
RT: 10.033 min Scan# 1369
Delta R.T. -0.006 min
Lab File: VN071521.D
Acq: 24 Mar 2022 15:03

Instrument :
MSVOA_N
ClientSampleId :
VN0324WBS01

Tgt Ion: 63 Resp: 30305
Ion Ratio Lower Upper
63 100
65 31.7 25.4 38.0
106 30.5 23.2 34.8

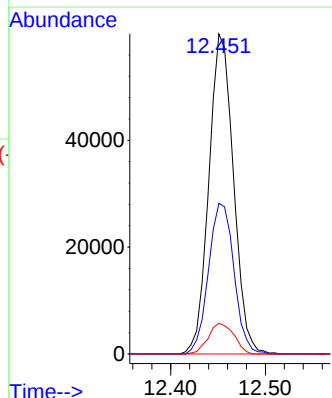
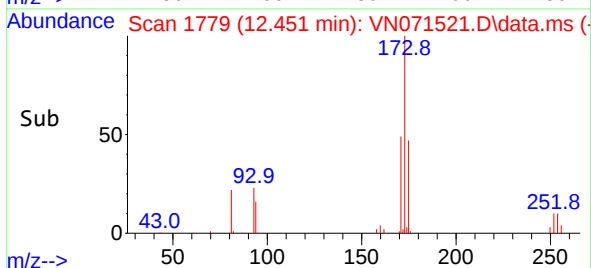
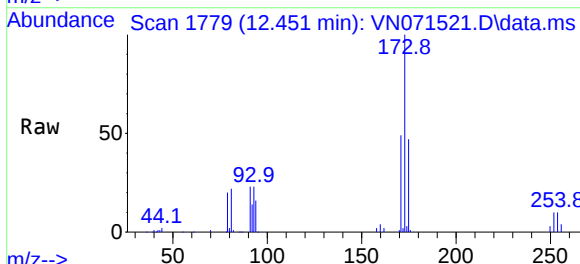
Manual Integrations
APPROVED

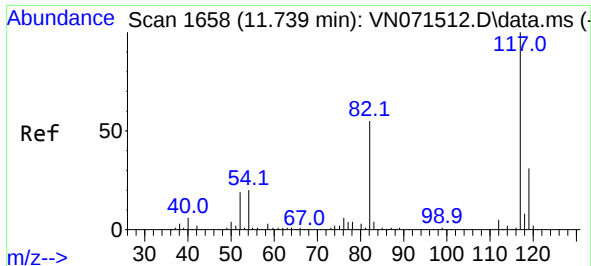
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#56
Bromoform
Concen: 16.489 ug/l
RT: 12.451 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN071521.D
Acq: 24 Mar 2022 15:03

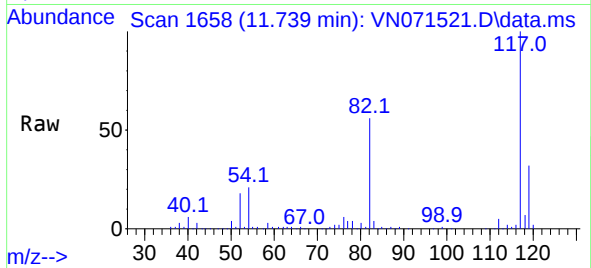
Tgt Ion:173 Resp: 108131
Ion Ratio Lower Upper
173 100
175 48.6 38.6 58.0
254 9.9 0.0 0.0#





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN071521.D
Acq: 24 Mar 2022 15:03

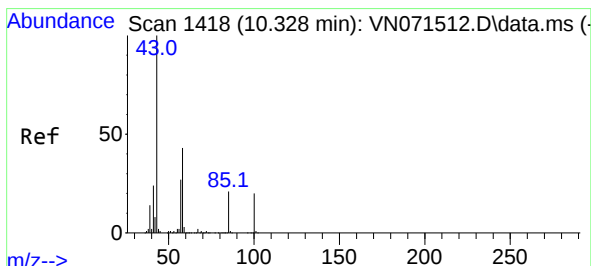
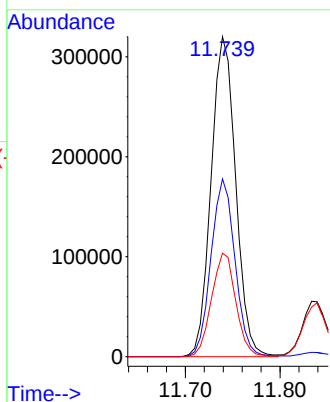
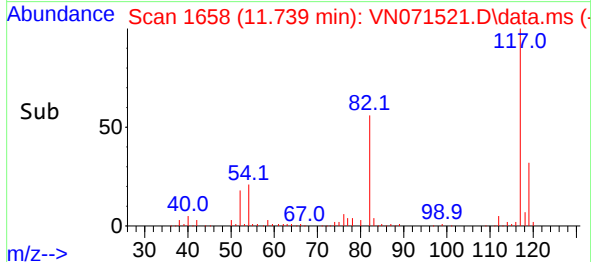
Instrument :
MSVOA_N
ClientSampleId :
VN0324WBS01



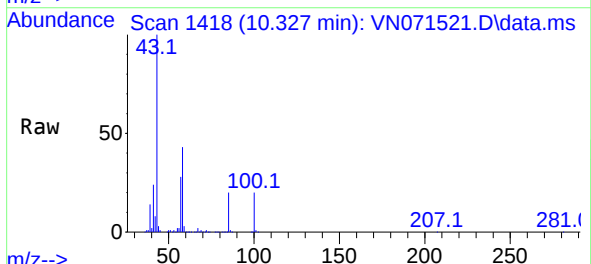
Tgt Ion:117 Resp: 577158
Ion Ratio Lower Upper
117 100
82 54.3 43.6 65.4
119 32.0 25.8 38.6

Manual Integrations
APPROVED

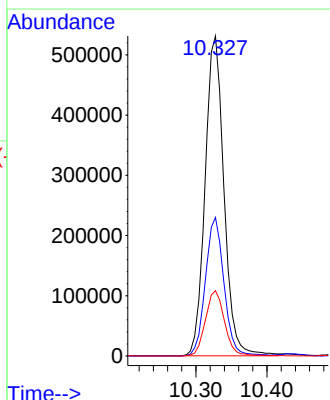
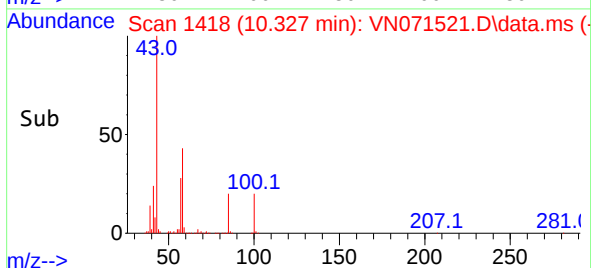
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

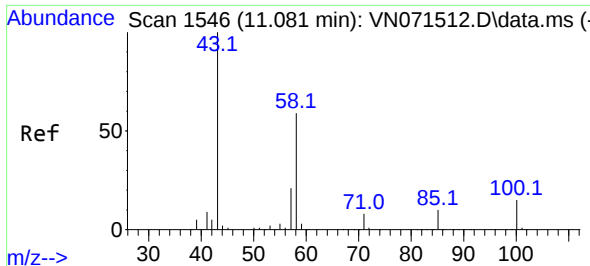


#58
4-Methyl-2-Pentanone
Concen: 89.734 ug/l
RT: 10.327 min Scan# 1418
Delta R.T. -0.000 min
Lab File: VN071521.D
Acq: 24 Mar 2022 15:03



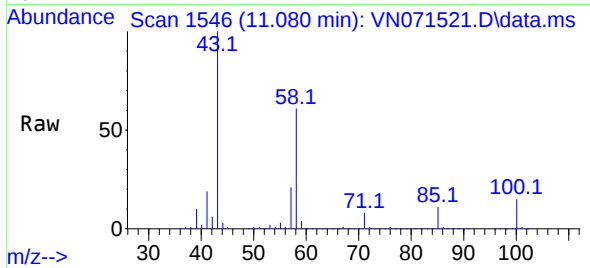
Tgt Ion: 43 Resp: 983135
Ion Ratio Lower Upper
43 100
58 42.6 30.0 45.0
85 20.6 15.0 22.6





#59
2-Hexanone
Concen: 87.030 ug/l
RT: 11.080 min Scan# 1546
Delta R.T. -0.000 min
Lab File: VN071521.D
Acq: 24 Mar 2022 15:03

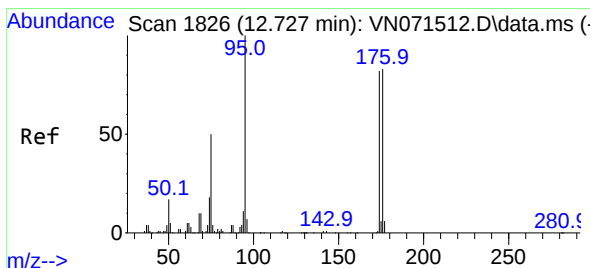
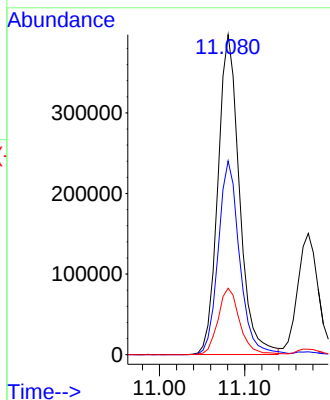
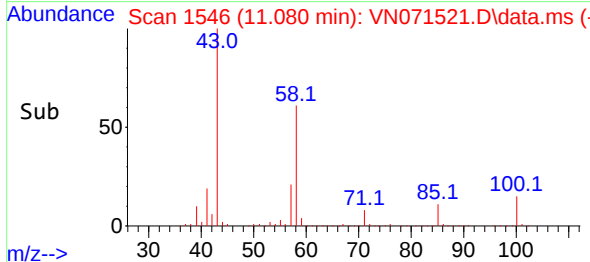
Instrument :
MSVOA_N
ClientSampleId :
VN0324WBS01



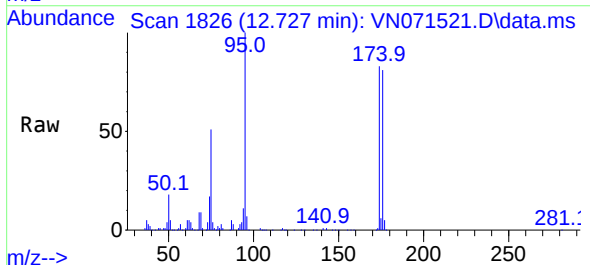
Tgt Ion: 43 Resp: 696174
Ion Ratio Lower Upper
43 100
58 60.1 42.2 63.2
57 21.0 15.0 22.4

Manual Integrations
APPROVED

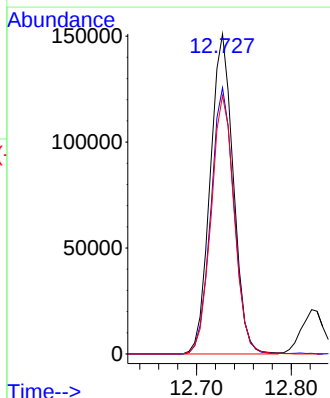
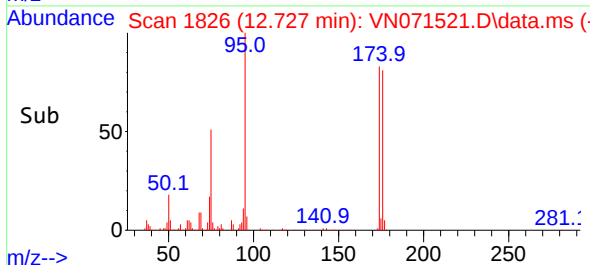
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

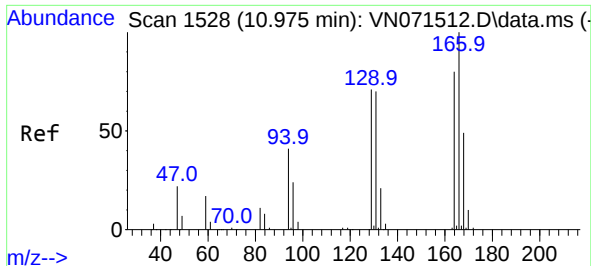


#60
4-Bromofluorobenzene
Concen: 29.866 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN071521.D
Acq: 24 Mar 2022 15:03



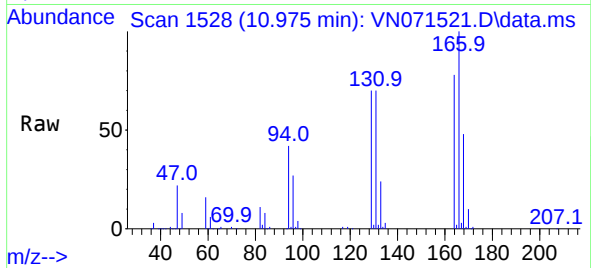
Tgt Ion: 95 Resp: 255588
Ion Ratio Lower Upper
95 100
174 83.6 62.9 94.3
176 80.8 61.0 91.4





#61
Tetrachloroethene
Concen: 18.885 ug/l
RT: 10.975 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN071521.D
Acq: 24 Mar 2022 15:03

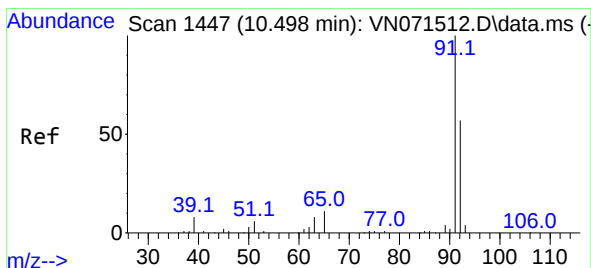
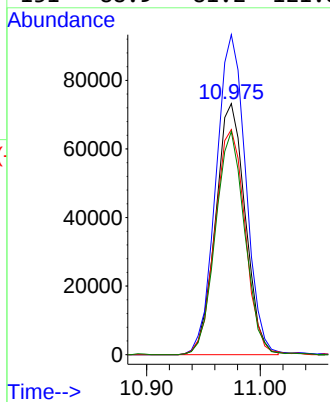
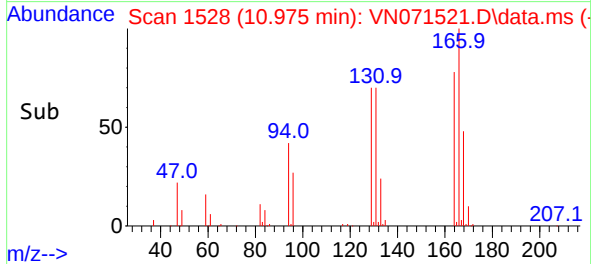
Instrument :
MSVOA_N
ClientSampleId :
VN0324WBS01



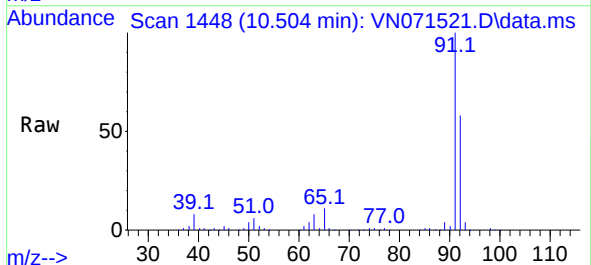
Tgt Ion:164 Resp: 132652
Ion Ratio Lower Upper
164 100
166 127.5 105.8 158.8
129 89.7 82.5 123.7
131 88.9 81.2 121.8

Manual Integrations
APPROVED

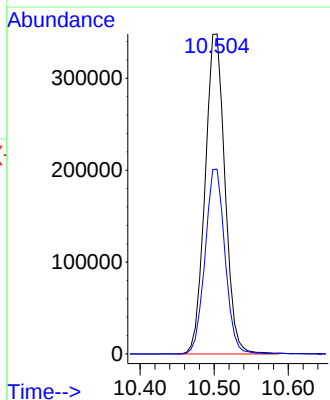
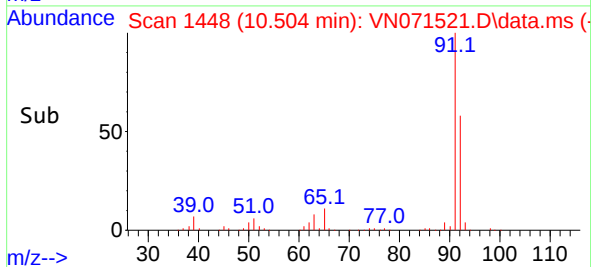
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

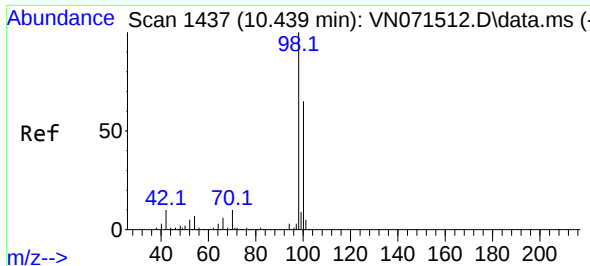


#62
Toluene
Concen: 18.529 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. 0.006 min
Lab File: VN071521.D
Acq: 24 Mar 2022 15:03



Tgt Ion: 91 Resp: 648441
Ion Ratio Lower Upper
91 100
92 58.0 44.6 67.0





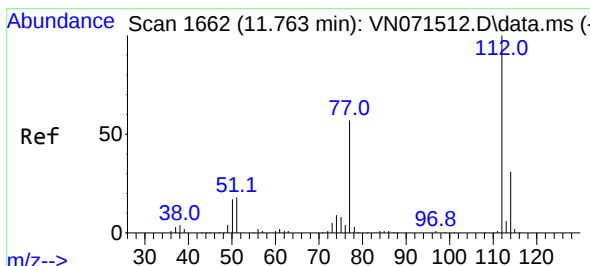
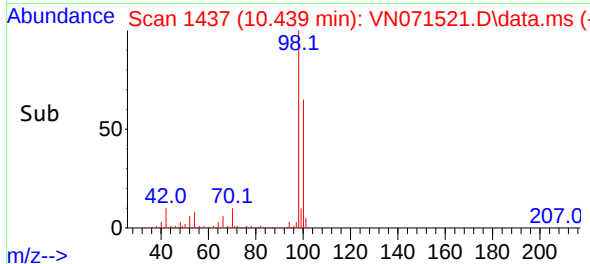
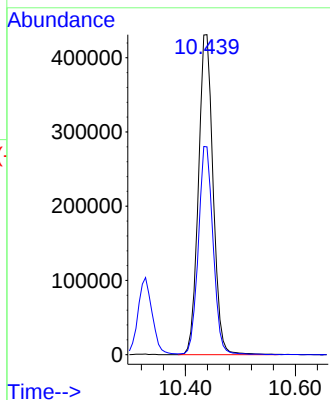
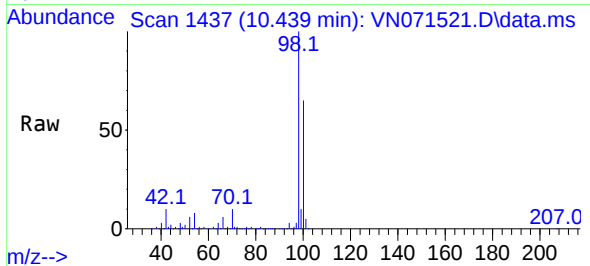
#63
Toluene-d8
Concen: 30.564 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. -0.000 min
Lab File: VN071521.D
Acq: 24 Mar 2022 15:03

Instrument :
MSVOA_N
ClientSampleId :
VN0324WBS01

Tgt Ion: 98 Resp: 800763
Ion Ratio Lower Upper
98 100
100 65.2 50.6 76.0

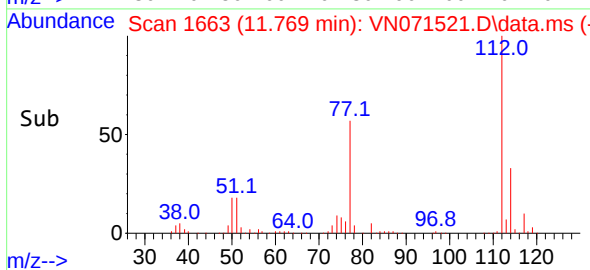
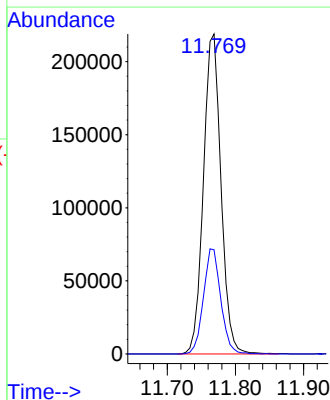
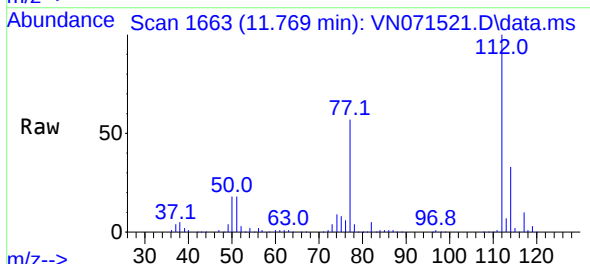
Manual Integrations
APPROVED

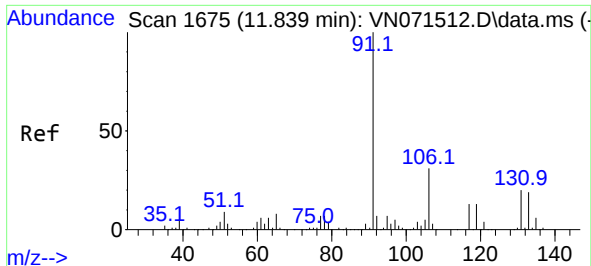
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#64
Chlorobenzene
Concen: 18.177 ug/l
RT: 11.769 min Scan# 1663
Delta R.T. 0.006 min
Lab File: VN071521.D
Acq: 24 Mar 2022 15:03

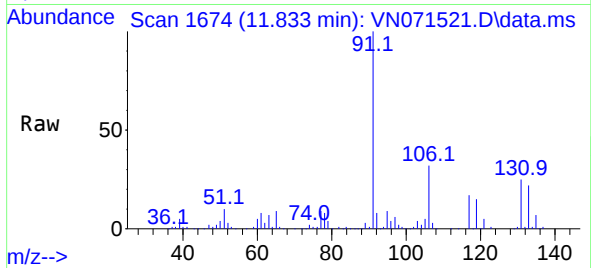
Tgt Ion:112 Resp: 392379
Ion Ratio Lower Upper
112 100
114 32.5 25.8 38.6





#65
1,1,1,2-Tetrachloroethane
Concen: 18.044 ug/l
RT: 11.833 min Scan# 1674
Delta R.T. -0.006 min
Lab File: VN071521.D
Acq: 24 Mar 2022 15:03

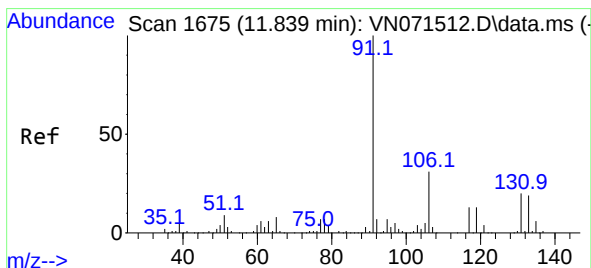
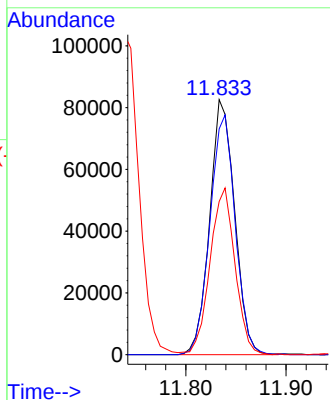
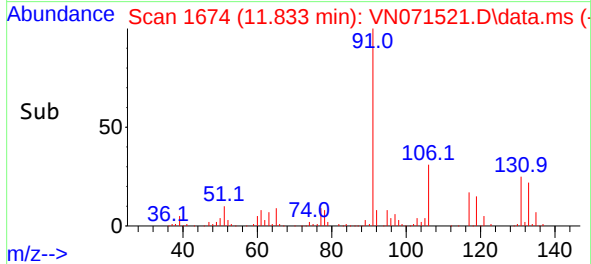
Instrument :
MSVOA_N
ClientSampleId :
VN0324WBS01



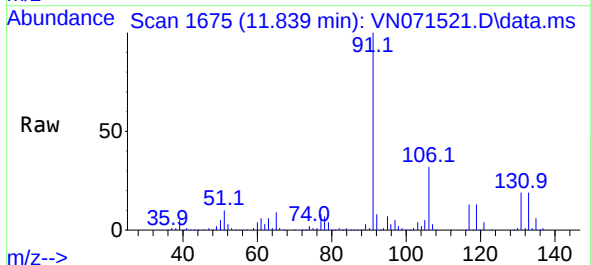
Tgt Ion:131 Resp: 142897
Ion Ratio Lower Upper
131 100
133 95.7 0.0 191.2
119 65.4 0.0 128.8

Manual Integrations
APPROVED

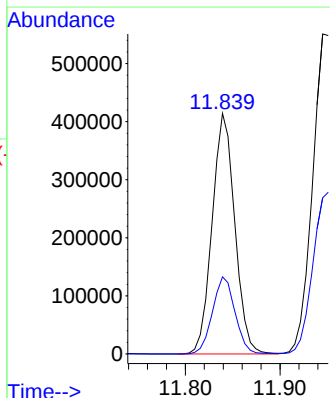
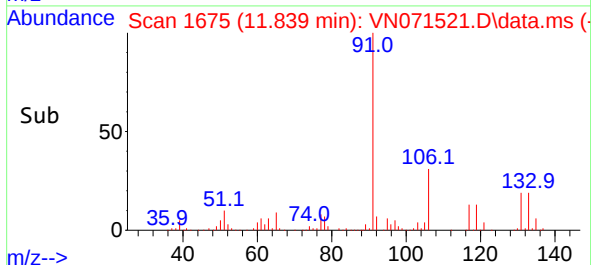
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

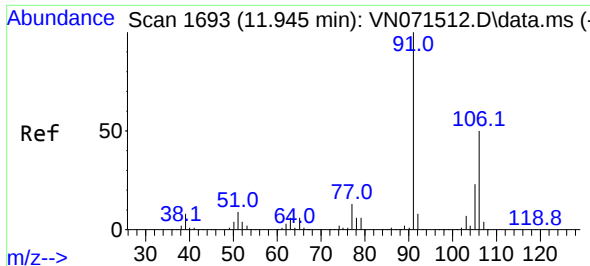


#66
Ethyl Benzene
Concen: 18.117 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VN071521.D
Acq: 24 Mar 2022 15:03



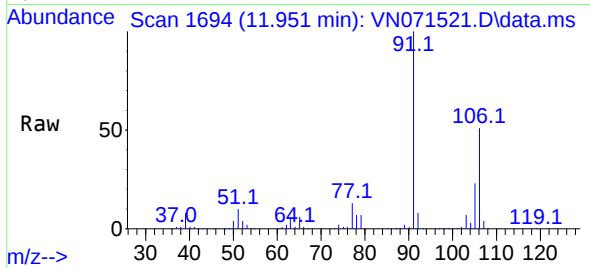
Tgt Ion: 91 Resp: 689016
Ion Ratio Lower Upper
91 100
106 32.1 24.0 36.0





#67
m/p-Xylenes
Concen: 36.861 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. 0.006 min
Lab File: VN071521.D
Acq: 24 Mar 2022 15:03

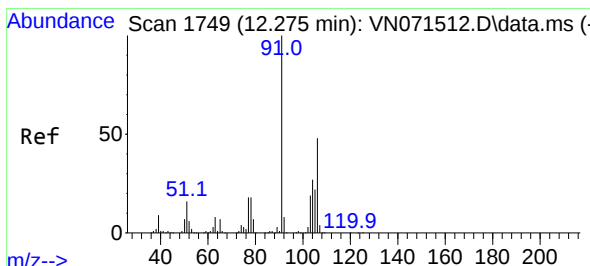
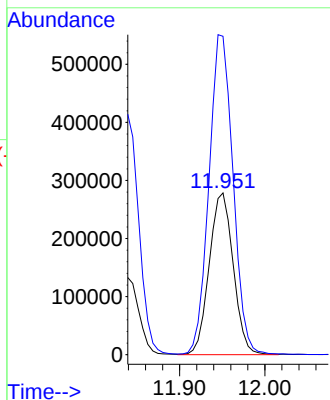
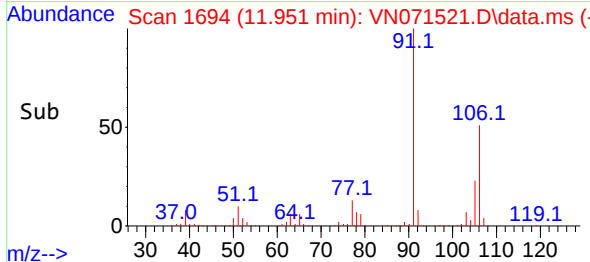
Instrument :
MSVOA_N
ClientSampleId :
VN0324WBS01



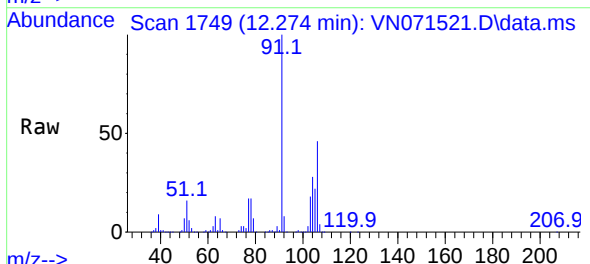
Tgt Ion:106 Resp: 54537
Ion Ratio Lower Upper
106 100
91 197.7 162.9 244.3

Manual Integrations
APPROVED

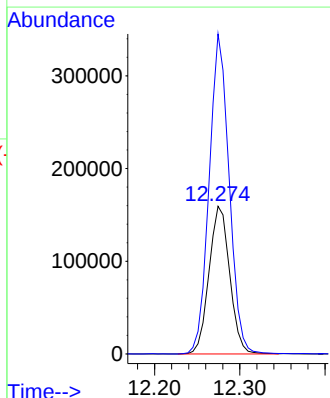
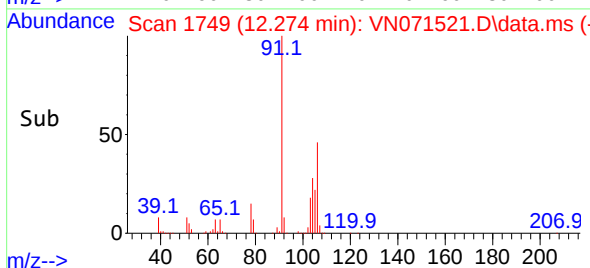
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

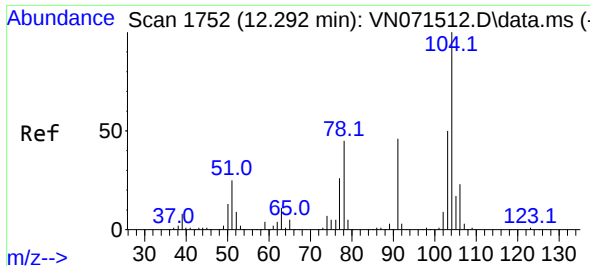


#68
o-Xylene
Concen: 18.277 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VN071521.D
Acq: 24 Mar 2022 15:03



Tgt Ion:106 Resp: 268771
Ion Ratio Lower Upper
106 100
91 209.6 107.7 323.1





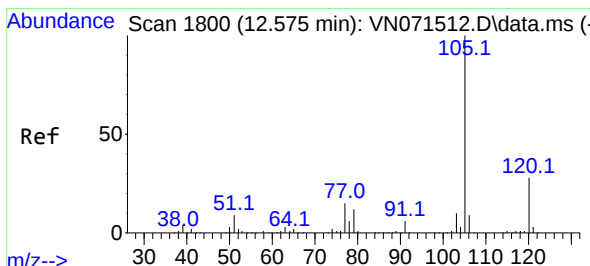
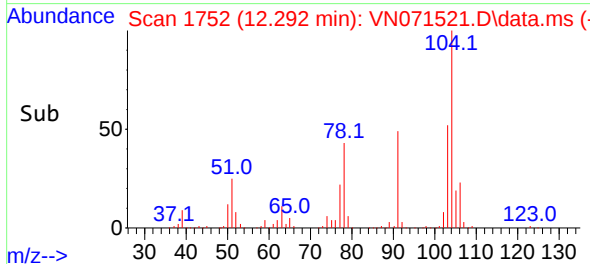
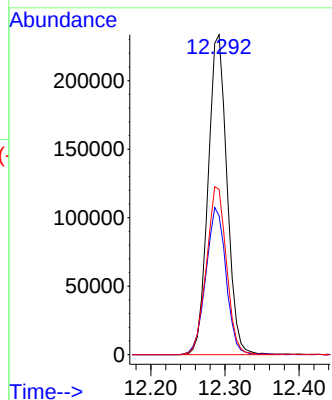
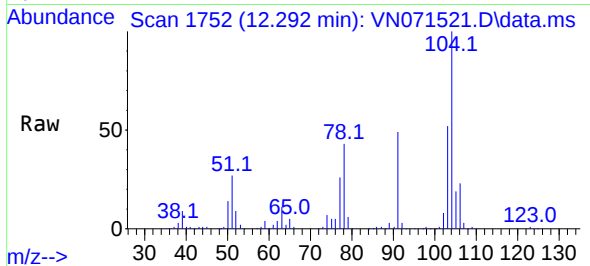
#69
Styrene
Concen: 17.928 ug/l
RT: 12.292 min Scan# 1752
Delta R.T. -0.000 min
Lab File: VN071521.D
Acq: 24 Mar 2022 15:03

Instrument :
MSVOA_N
ClientSampleId :
VN0324WBS01

Tgt Ion:104 Resp: 414910
Ion Ratio Lower Upper
104 100
78 49.0 40.7 61.1
103 55.6 45.8 68.8

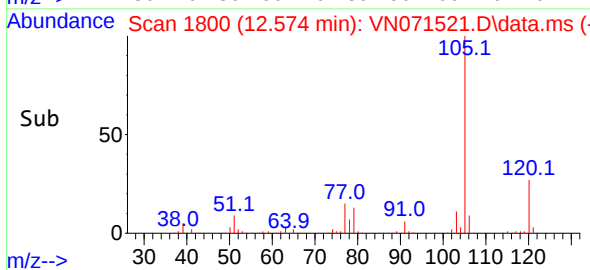
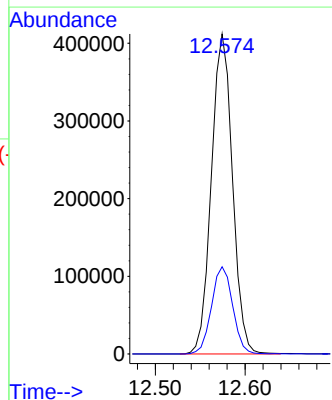
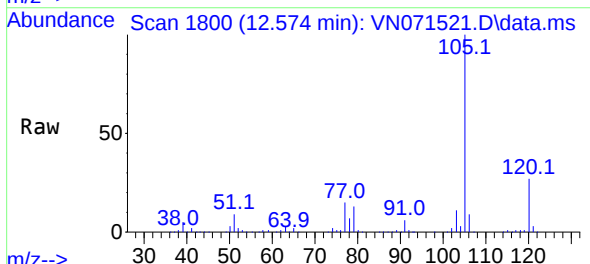
Manual Integrations
APPROVED

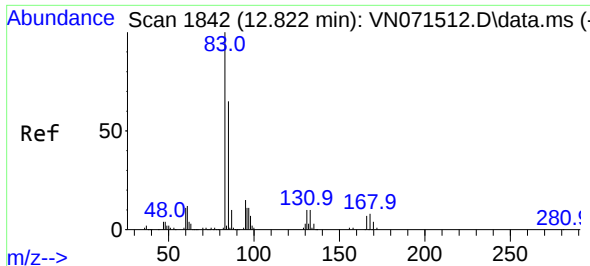
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#70
Isopropylbenzene
Concen: 18.233 ug/l
RT: 12.574 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VN071521.D
Acq: 24 Mar 2022 15:03

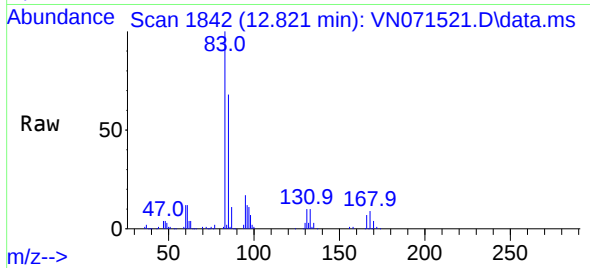
Tgt Ion:105 Resp: 672976
Ion Ratio Lower Upper
105 100
120 27.3 18.3 34.1





#71
1,1,2,2-Tetrachloroethane
Concen: 18.096 ug/l
RT: 12.821 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VN071521.D
Acq: 24 Mar 2022 15:03

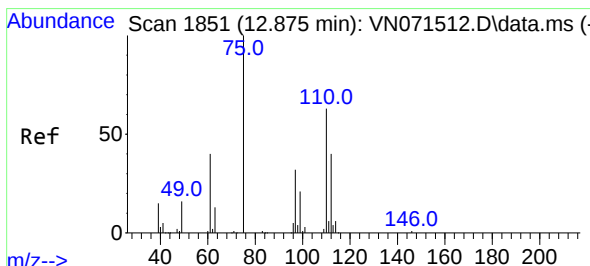
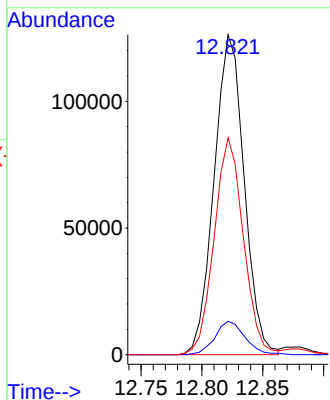
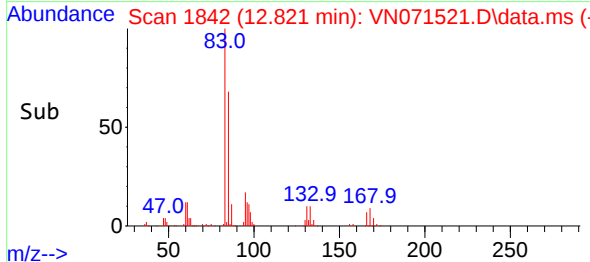
Instrument :
MSVOA_N
ClientSampleId :
VN0324WBS01



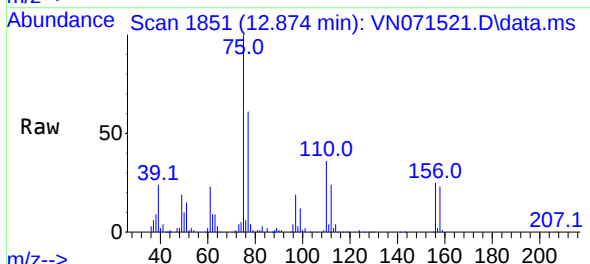
Tgt Ion: 83 Resp: 217380
Ion Ratio Lower Upper
83 100
131 10.5 5.1 15.3
85 65.7 33.1 99.2

Manual Integrations
APPROVED

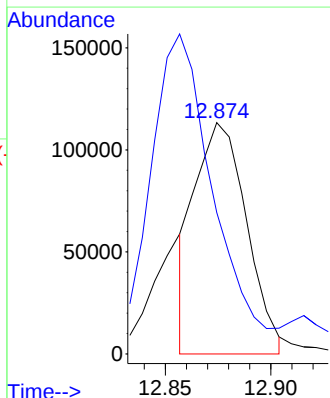
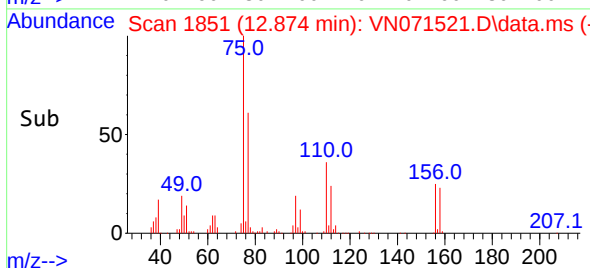
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

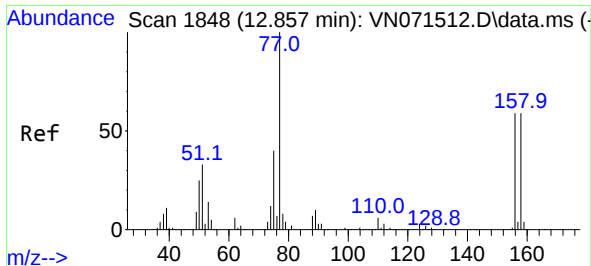


#72
1,2,3-Trichloropropane
Concen: 18.700 ug/l m
RT: 12.874 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VN071521.D
Acq: 24 Mar 2022 15:03



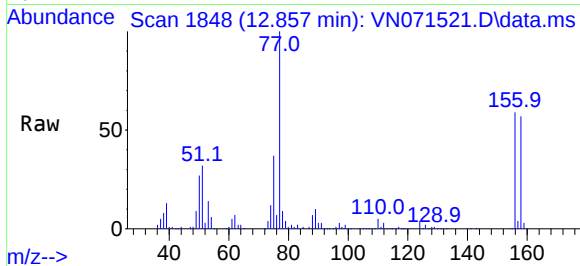
Tgt Ion: 75 Resp: 192983
Ion Ratio Lower Upper
75 100
77 167.3 0.0 378.0





#73
Bromobenzene
Concen: 17.798 ug/l
RT: 12.857 min Scan# 1848
Delta R.T. -0.000 min
Lab File: VN071521.D
Acq: 24 Mar 2022 15:03

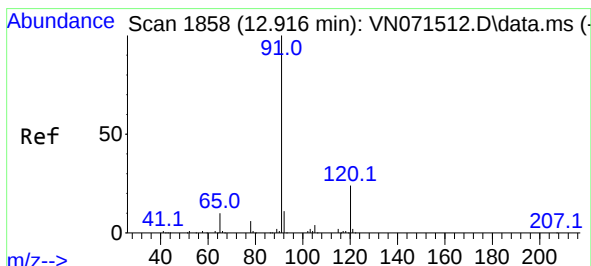
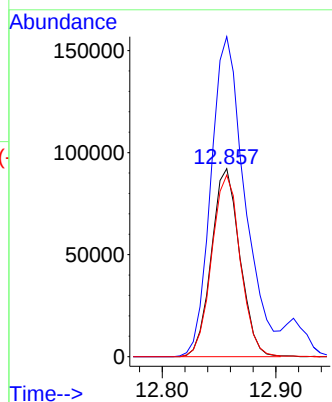
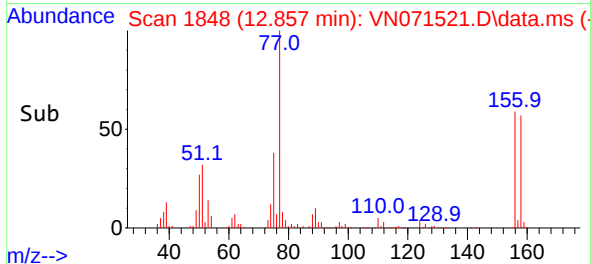
Instrument :
MSVOA_N
ClientSampleId :
VN0324WBS01



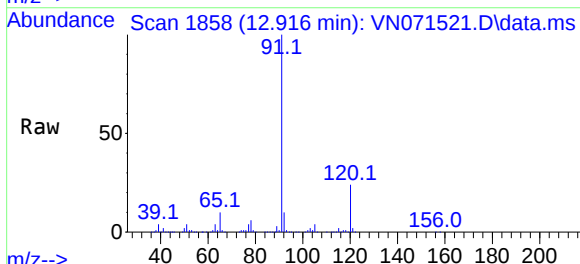
Tgt Ion:156 Resp: 160250
Ion Ratio Lower Upper
156 100
77 201.5 0.0 416.0
158 97.2 0.0 195.4

Manual Integrations
APPROVED

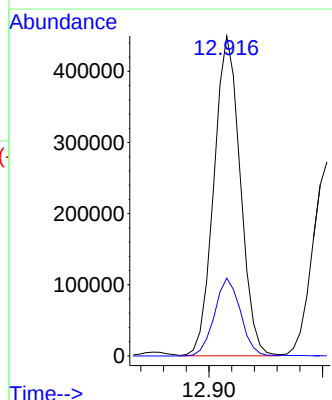
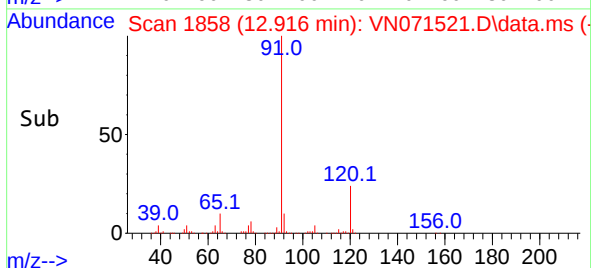
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

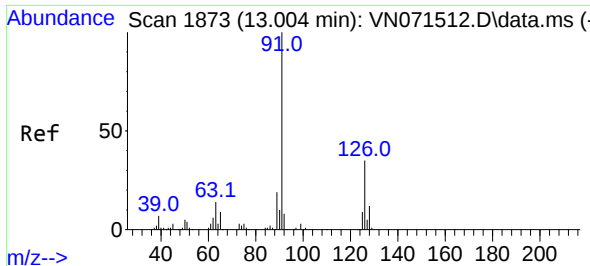


#74
n-propylbenzene
Concen: 17.961 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN071521.D
Acq: 24 Mar 2022 15:03



Tgt Ion: 91 Resp: 723527
Ion Ratio Lower Upper
91 100
120 23.9 0.0 45.0





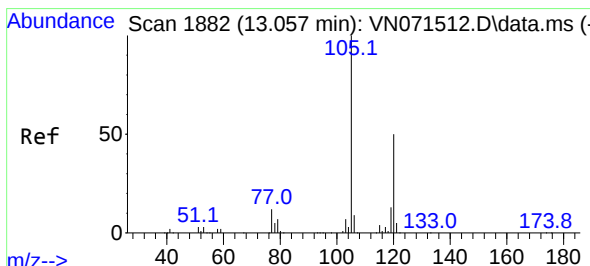
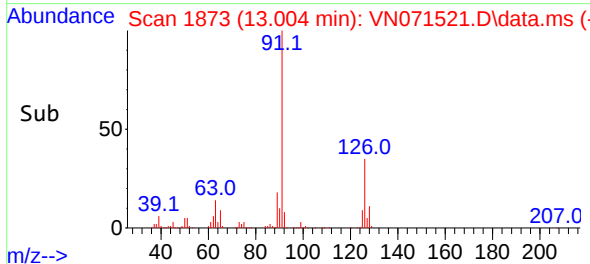
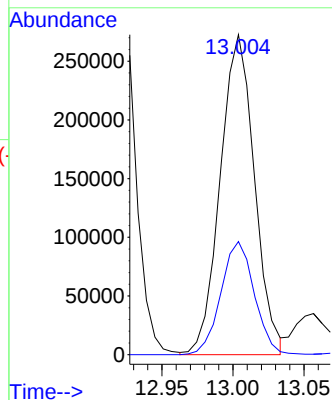
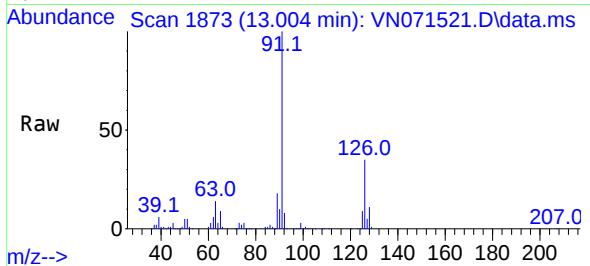
#75
2-Chlorotoluene
Concen: 18.171 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN071521.D
Acq: 24 Mar 2022 15:03

Instrument :
MSVOA_N
ClientSampleId :
VN0324WBS01

Tgt Ion: 91 Resp: 457438
Ion Ratio Lower Upper
91 100
126 34.5 0.0 69.8

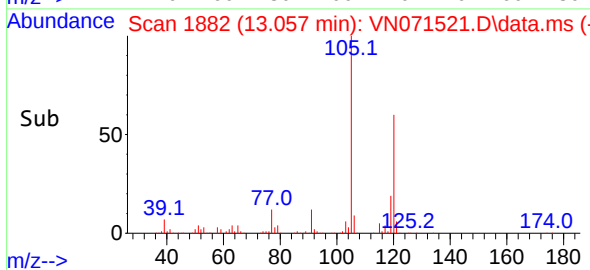
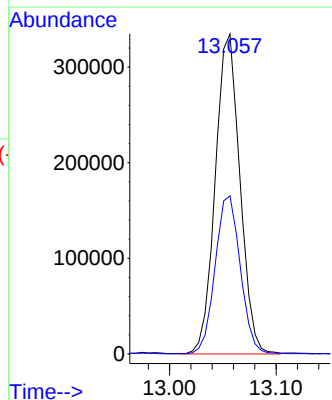
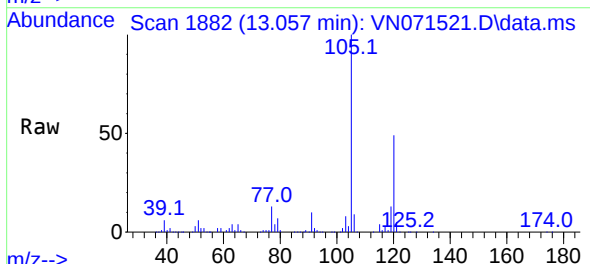
Manual Integrations
APPROVED

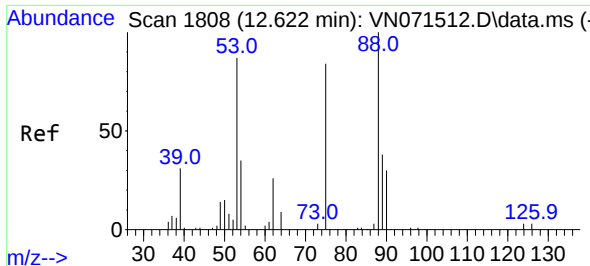
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#76
1,3,5-Trimethylbenzene
Concen: 18.184 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. -0.000 min
Lab File: VN071521.D
Acq: 24 Mar 2022 15:03

Tgt Ion:105 Resp: 538440
Ion Ratio Lower Upper
105 100
120 50.2 0.0 93.8





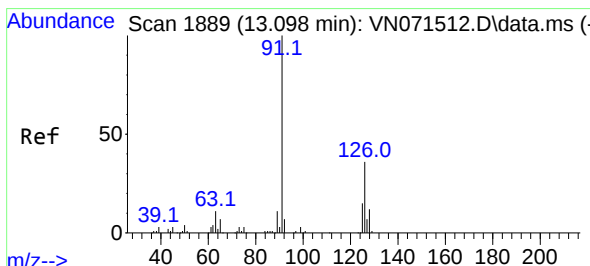
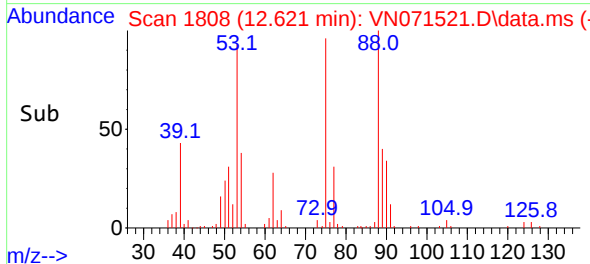
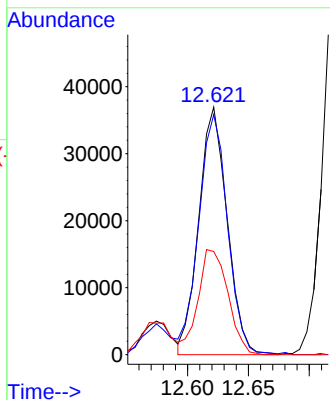
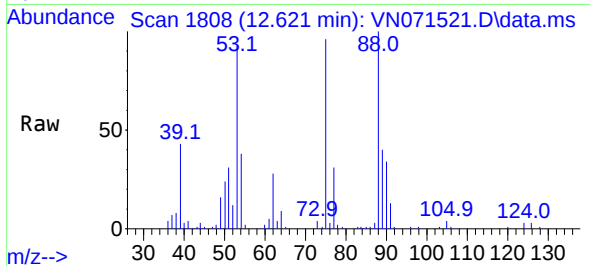
#77
t-1,4-Dichloro-2-butene
Concen: 16.545 ug/l
RT: 12.621 min Scan# 1808
Delta R.T. -0.000 min
Lab File: VN071521.D
Acq: 24 Mar 2022 15:03

Instrument :
MSVOA_N
ClientSampleId :
VN0324WBS01

Tgt Ion: 75 Resp: 59952
Ion Ratio Lower Upper
75 100
53 96.5 51.8 155.5
89 41.7 22.9 68.7

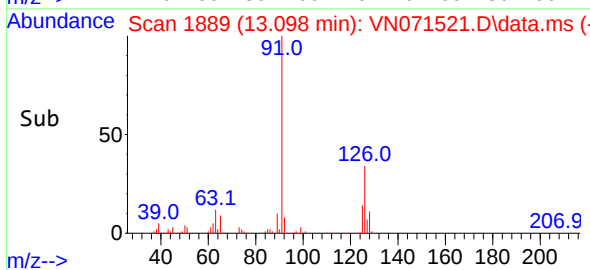
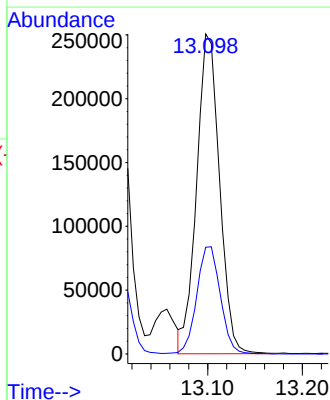
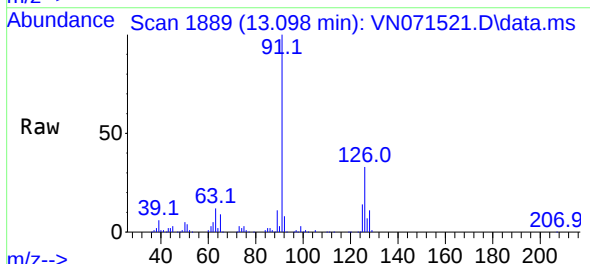
Manual Integrations
APPROVED

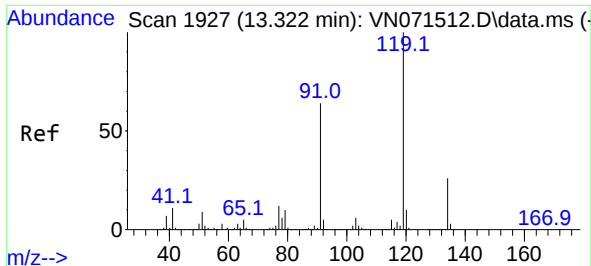
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#78
4-Chlorotoluene
Concen: 17.911 ug/l
RT: 13.098 min Scan# 1889
Delta R.T. -0.000 min
Lab File: VN071521.D
Acq: 24 Mar 2022 15:03

Tgt Ion: 91 Resp: 421096
Ion Ratio Lower Upper
91 100
126 34.6 0.0 70.6





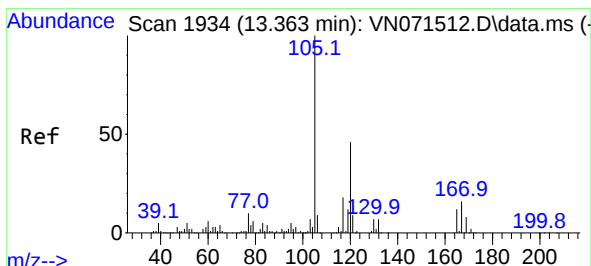
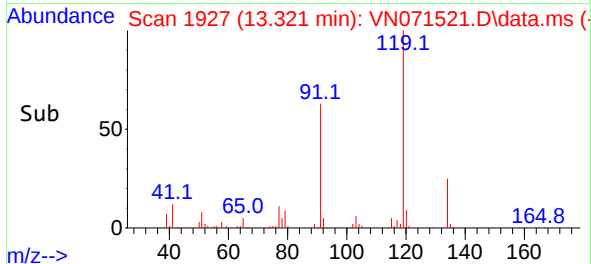
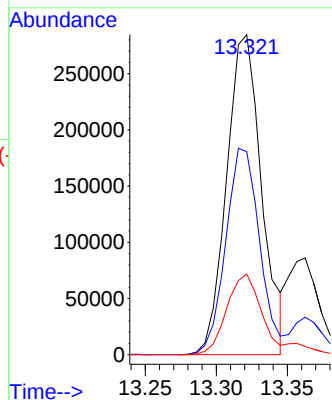
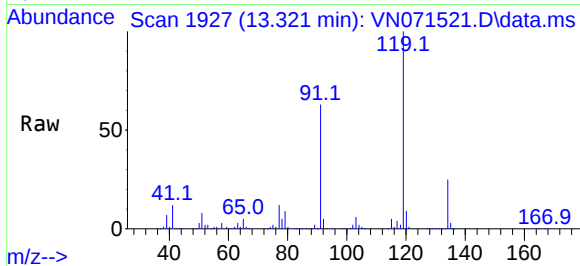
#79
tert-butylbenzene
Concen: 18.288 ug/l
RT: 13.321 min Scan# 1927
Delta R.T. -0.000 min
Lab File: VN071521.D
Acq: 24 Mar 2022 15:03

Instrument :
MSVOA_N
ClientSampleId :
VN0324WBS01

Tgt Ion:119 Resp: 48865
Ion Ratio Lower Upper
119 100
91 62.2 0.0 137.0
134 24.6 0.0 47.6

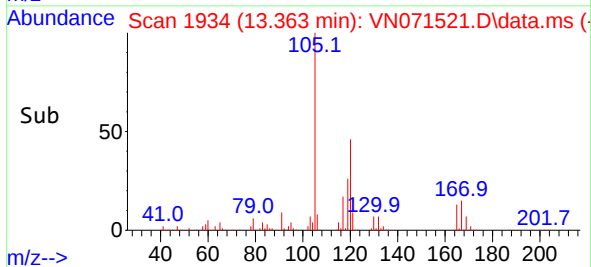
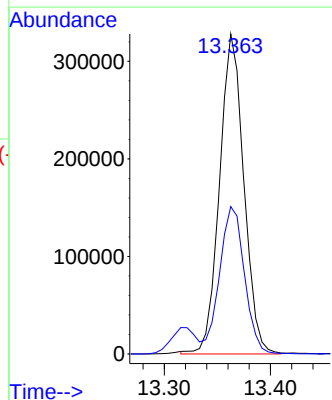
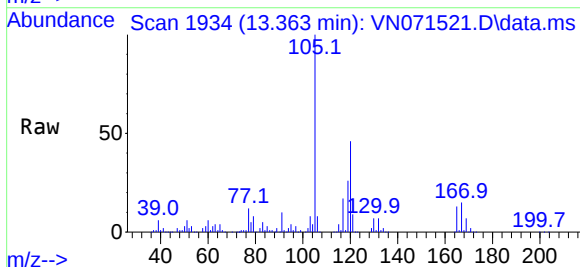
Manual Integrations
APPROVED

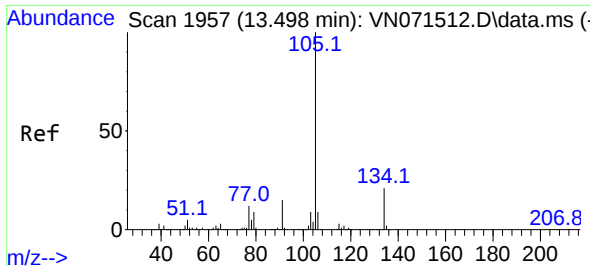
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#80
1,2,4-Trimethylbenzene
Concen: 18.124 ug/l m
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN071521.D
Acq: 24 Mar 2022 15:03

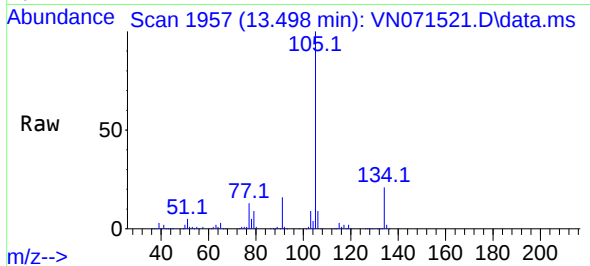
Tgt Ion:105 Resp: 520723
Ion Ratio Lower Upper
105 100
120 0.2 0.0 0.2#





#81
 sec-Butylbenzene
 Concen: 17.952 ug/l
 RT: 13.498 min Scan# 1957
 Delta R.T. -0.000 min
 Lab File: VN071521.D
 Acq: 24 Mar 2022 15:03

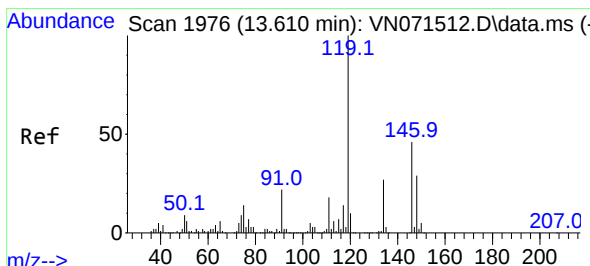
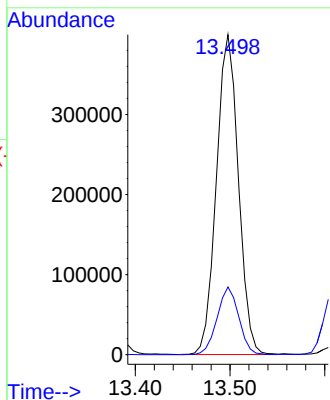
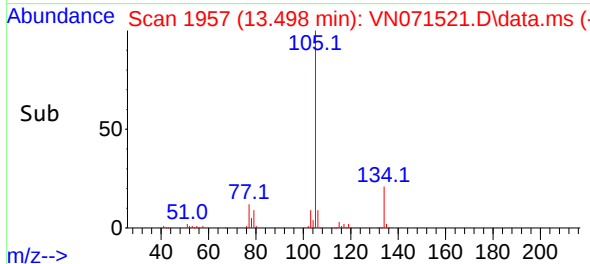
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0324WBS01



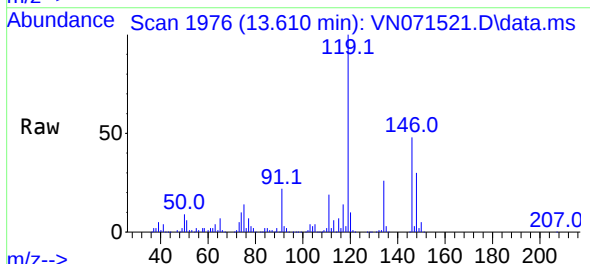
Tgt Ion:105 Resp: 644542
 Ion Ratio Lower Upper
 105 100
 134 20.9 0.0 39.4

Manual Integrations
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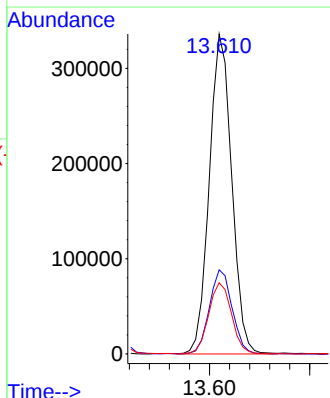
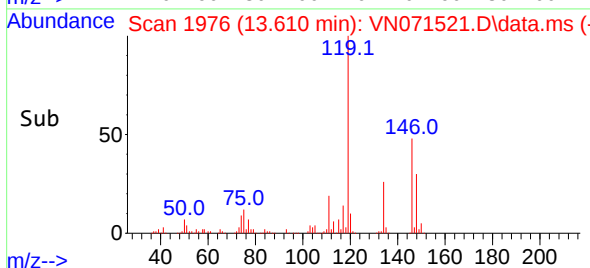
Reviewed By :John Carlone 03/25/2022
 Supervised By :Mahesh Dadoda 03/25/2022

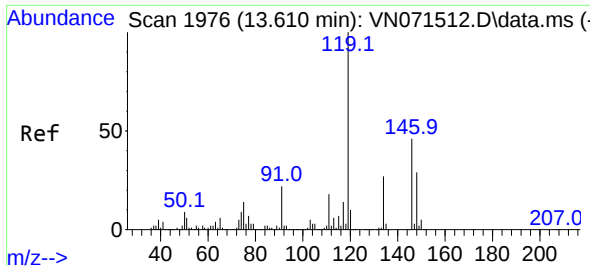


#82
 p-Isopropyltoluene
 Concen: 17.901 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. -0.000 min
 Lab File: VN071521.D
 Acq: 24 Mar 2022 15:03



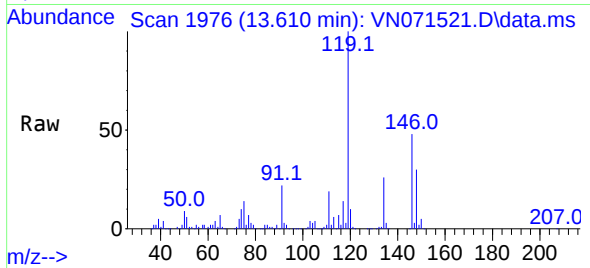
Tgt Ion:119 Resp: 522184
 Ion Ratio Lower Upper
 119 100
 134 26.6 0.0 51.8
 91 22.7 0.0 50.4





#83
1,3-Dichlorobenzene
Concen: 18.234 ug/l
RT: 13.610 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VN071521.D
Acq: 24 Mar 2022 15:03

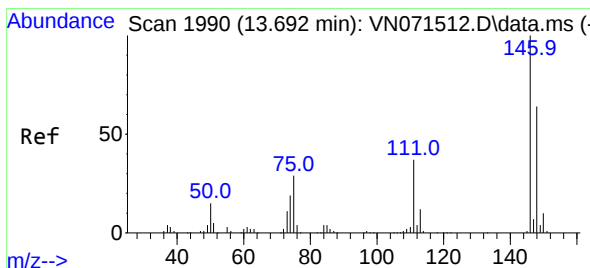
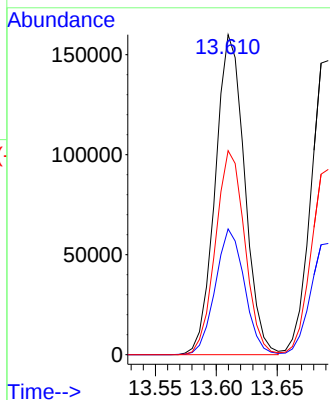
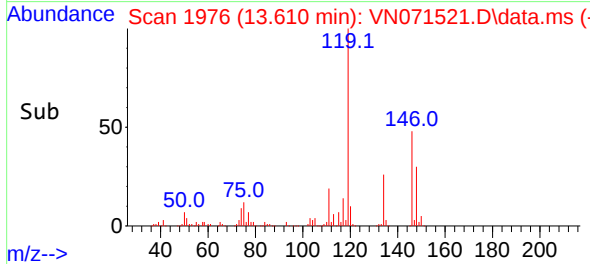
Instrument :
MSVOA_N
ClientSampleId :
VN0324WBS01



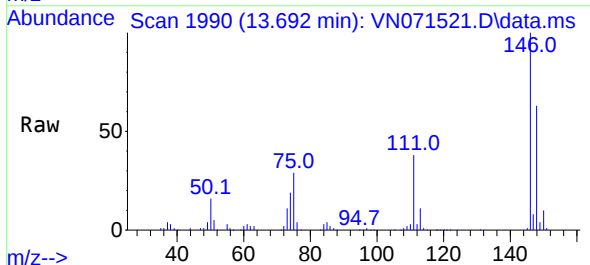
Tgt Ion:146 Resp: 268644
Ion Ratio Lower Upper
146 100
111 39.1 20.8 62.2
148 63.7 31.4 94.3

Manual Integrations
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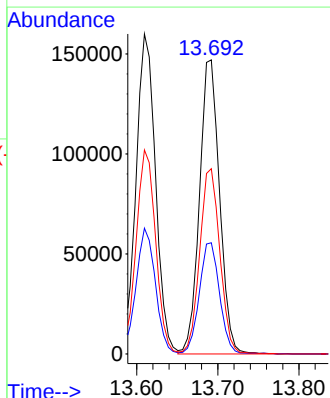
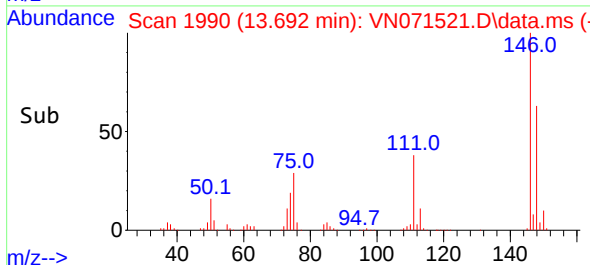
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

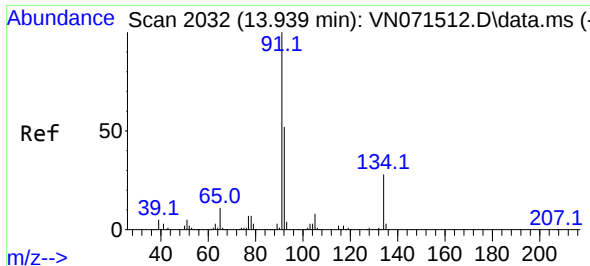


#84
1,4-Dichlorobenzene
Concen: 17.983 ug/l
RT: 13.692 min Scan# 1990
Delta R.T. -0.000 min
Lab File: VN071521.D
Acq: 24 Mar 2022 15:03



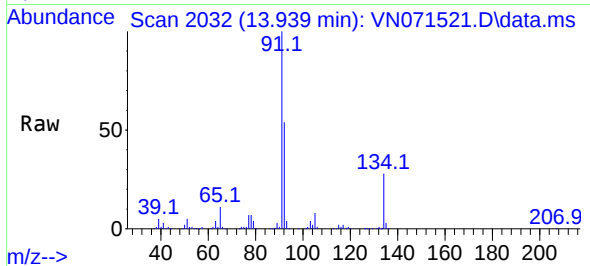
Tgt Ion:146 Resp: 252892
Ion Ratio Lower Upper
146 100
111 38.2 19.5 58.5
148 62.9 31.1 93.5





#85
n-Butylbenzene
Concen: 16.835 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VN071521.D
Acq: 24 Mar 2022 15:03

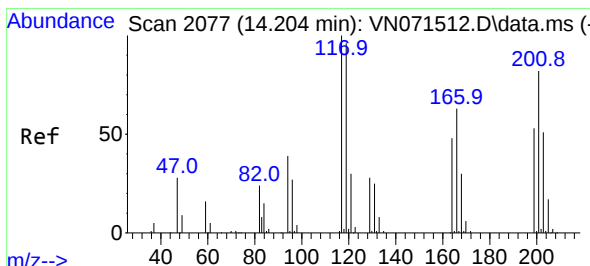
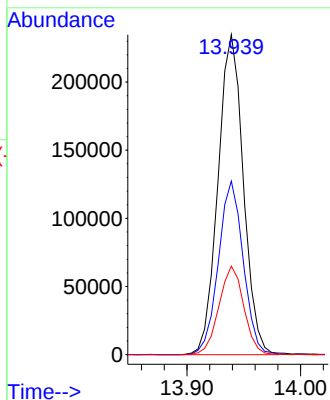
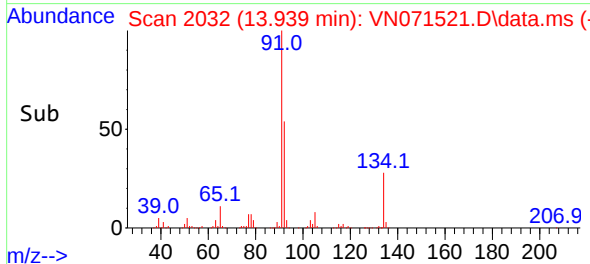
Instrument :
MSVOA_N
ClientSampleId :
VN0324WBS01



Tgt Ion: 91 Resp: 36478
Ion Ratio Lower Upper
91 100
92 53.1 0.0 100.6
134 27.1 0.0 50.2

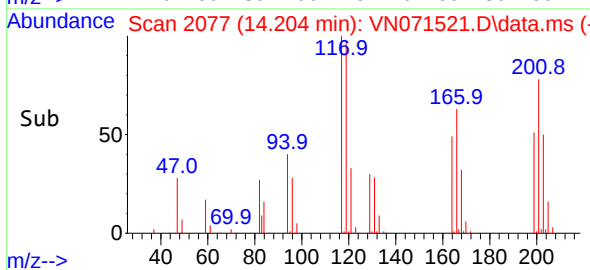
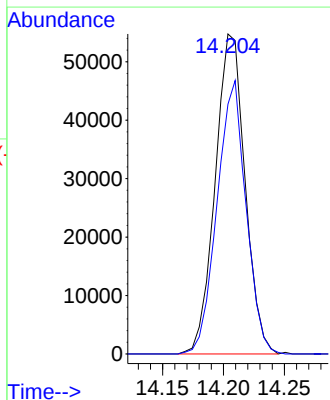
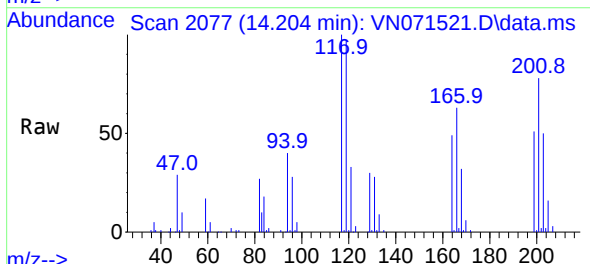
Manual Integrations
APPROVED

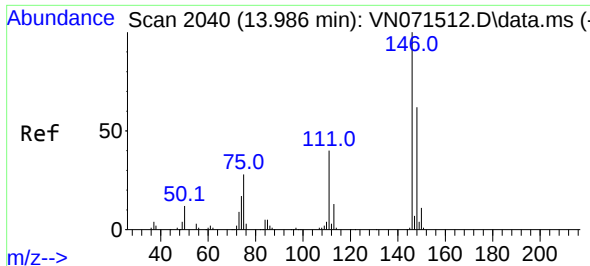
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#86
Hexachloroethane
Concen: 17.145 ug/l
RT: 14.204 min Scan# 2077
Delta R.T. -0.000 min
Lab File: VN071521.D
Acq: 24 Mar 2022 15:03

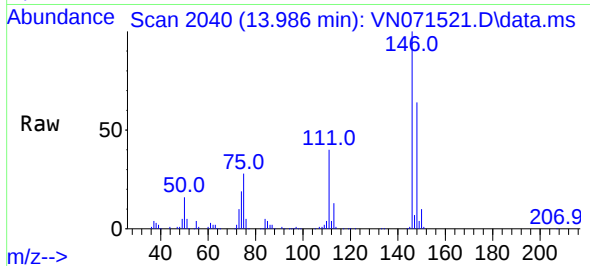
Tgt Ion:117 Resp: 93397
Ion Ratio Lower Upper
117 100
201 82.8 33.3 99.8





#87
1,2-Dichlorobenzene
Concen: 18.447 ug/l
RT: 13.986 min Scan# 2040
Delta R.T. -0.000 min
Lab File: VN071521.D
Acq: 24 Mar 2022 15:03

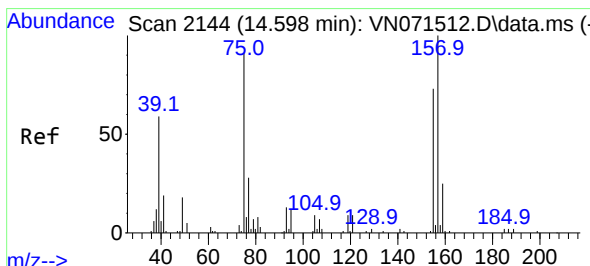
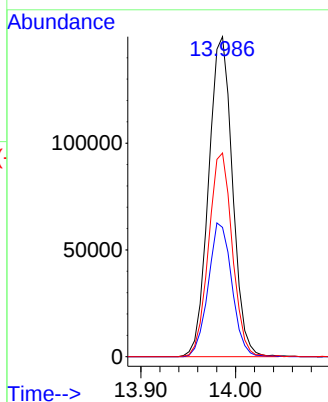
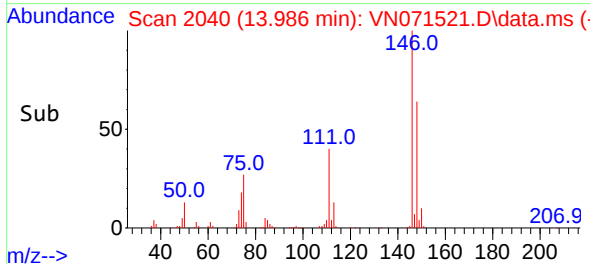
Instrument :
MSVOA_N
ClientSampleId :
VN0324WBS01



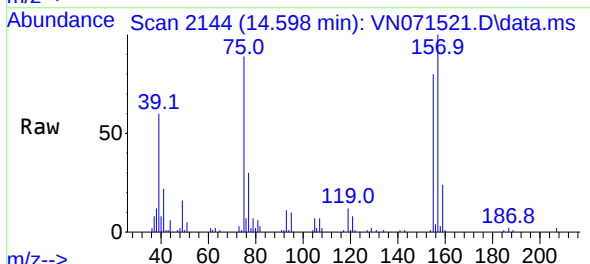
Tgt Ion:146 Resp: 26275
Ion Ratio Lower Upper
146 100
111 41.4 21.4 64.2
148 63.1 32.5 97.4

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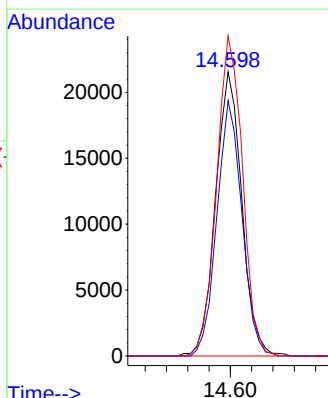
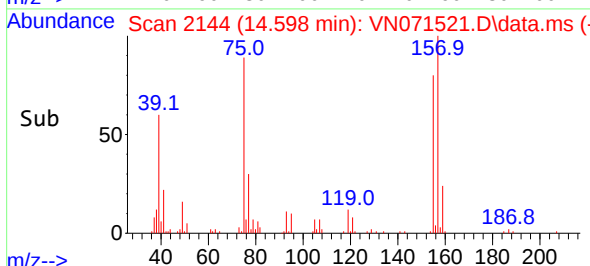
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

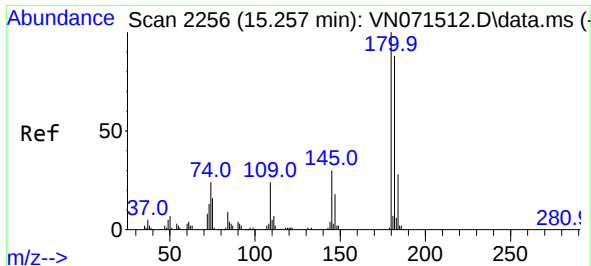


#88
1,2-Dibromo-3-Chloropropane
Concen: 17.214 ug/l
RT: 14.598 min Scan# 2144
Delta R.T. -0.000 min
Lab File: VN071521.D
Acq: 24 Mar 2022 15:03



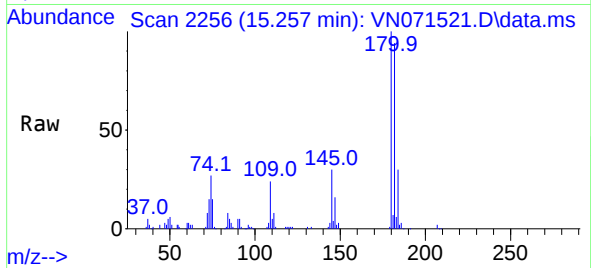
Tgt Ion: 75 Resp: 36792
Ion Ratio Lower Upper
75 100
155 85.9 63.8 95.8
157 111.5 77.9 116.9





#89
1,2,4-Trichlorobenzene
Concen: 16.737 ug/l
RT: 15.257 min Scan# 211
Delta R.T. -0.000 min
Lab File: VN071521.D
Acq: 24 Mar 2022 15:03

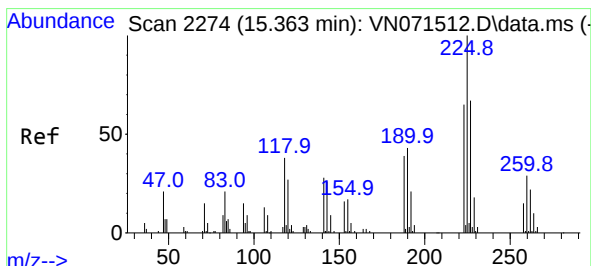
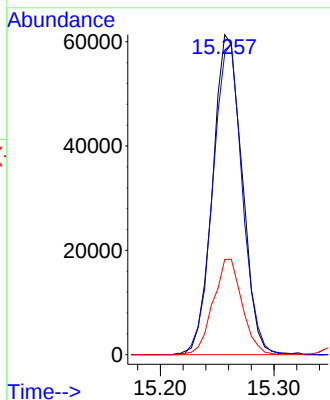
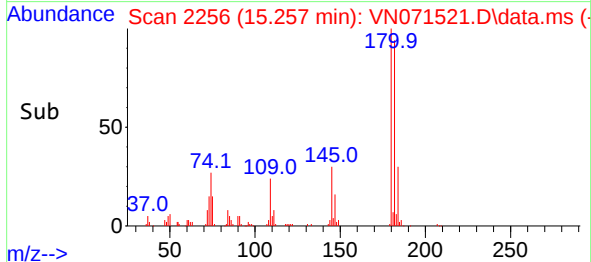
Instrument :
MSVOA_N
ClientSampleId :
VN0324WBS01



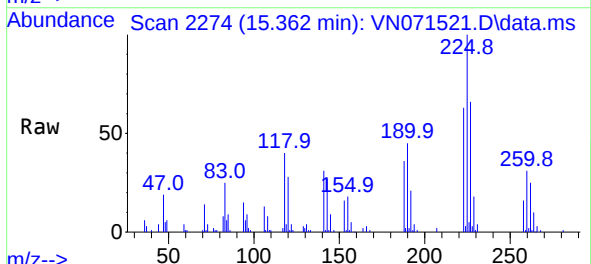
Tgt Ion:180 Resp: 11020
Ion Ratio Lower Upper
180 100
182 97.1 77.7 116.5
145 29.3 26.6 39.8

Manual Integrations
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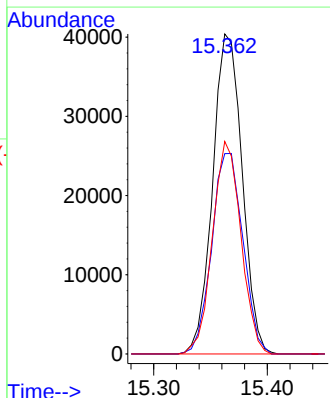
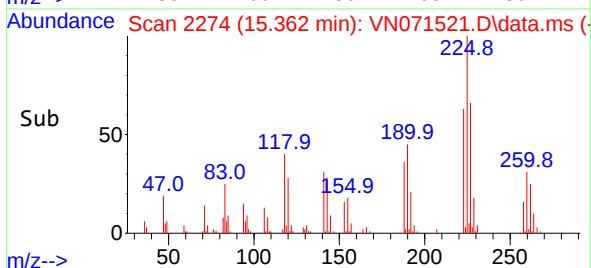
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

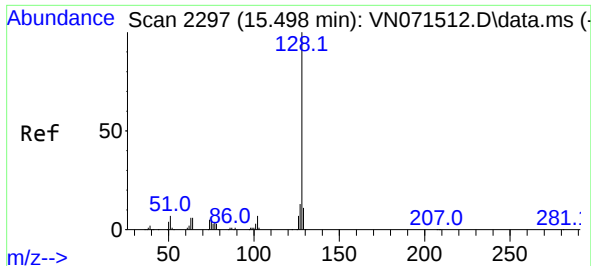


#90
Hexachlorobutadiene
Concen: 18.701 ug/l
RT: 15.362 min Scan# 2274
Delta R.T. -0.000 min
Lab File: VN071521.D
Acq: 24 Mar 2022 15:03



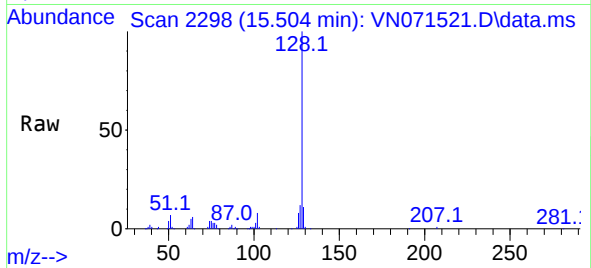
Tgt Ion:225 Resp: 72963
Ion Ratio Lower Upper
225 100
223 66.2 0.0 126.8
227 64.1 0.0 123.0





#91
Naphthalene
Concen: 17.808 ug/l
RT: 15.504 min Scan# 2298
Delta R.T. 0.006 min
Lab File: VN071521.D
Acq: 24 Mar 2022 15:03

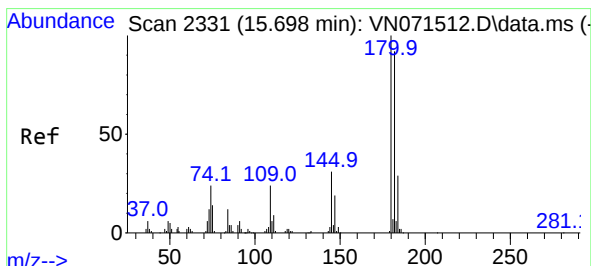
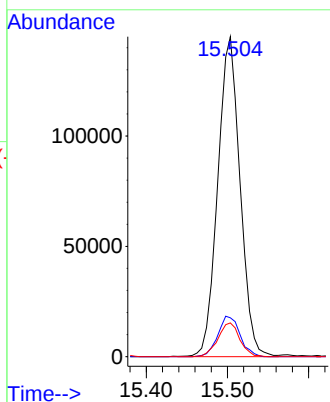
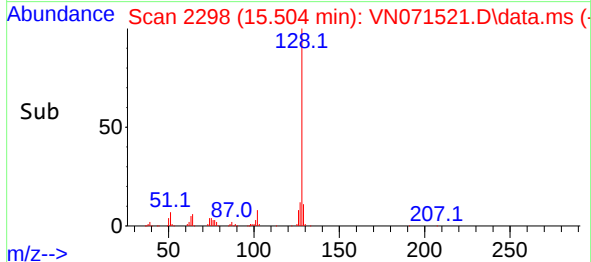
Instrument :
MSVOA_N
ClientSampleId :
VN0324WBS01



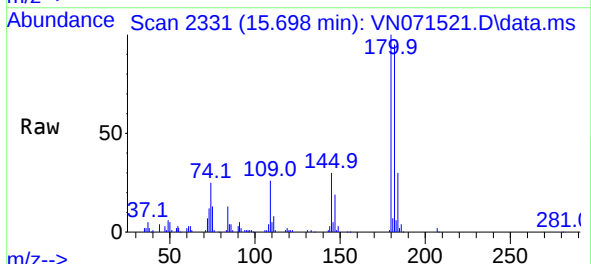
Tgt Ion:128 Resp: 277159
Ion Ratio Lower Upper
128 100
127 12.6 10.7 16.1
129 10.4 9.0 13.6

Manual Integrations
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Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#92
1,2,3-Trichlorobenzene
Concen: 16.746 ug/l
RT: 15.698 min Scan# 2331
Delta R.T. -0.000 min
Lab File: VN071521.D
Acq: 24 Mar 2022 15:03



Tgt Ion:180 Resp: 108137
Ion Ratio Lower Upper
180 100
182 95.2 0.0 190.0
145 30.6 0.0 67.8

