

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032422\
 Data File : VN071512.D
 Acq On : 24 Mar 2022 10:30
 Operator : JC\MD
 Sample : VSTDICCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

Manual Integrations
 APPROVED

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

Quant Time: Mar 24 11:43:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N032422W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Mar 24 11:41:47 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.657	128	109152	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.963	114	599725	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.739	117	532478	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.434	65	232478	27.401	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	91.333%		
60) 4-Bromofluorobenzene	12.727	95	235181	28.791	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	95.967%		
63) Toluene-d8	10.439	98	749579	30.594	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	101.967%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.069	85	140489	19.981	ug/l	98
3) Chloromethane	2.299	50	159469	17.501	ug/l	99
4) Vinyl Chloride	2.446	62	180300	20.710	ug/l	99
5) Bromomethane	2.858	94	119957	26.120	ug/l	98
6) Chloroethane	3.016	64	115540	21.631	ug/l	97
7) Trichlorofluoromethane	3.381	101	211539	19.506	ug/l	97
8) Diethyl Ether	3.828	74	87955	18.685	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.216	101	128869	20.758	ug/l #	67
10) 1,1-Dichloroethene	4.187	96	124365	19.880	ug/l	96
11) Methyl Iodide	4.428	142	179838	20.558	ug/l	87
12) Methyl Acetate	4.852	43	173729	15.301	ug/l	97
13) Acrolein	4.040	56	88783	61.955	ug/l	98
14) Acrylonitrile	5.546	53	389817	81.415	ug/l	98
15) Acetone	4.281	58	118845	91.956	ug/l	85
16) Carbon Disulfide	4.534	76	315907	18.782	ug/l	98
17) Allyl chloride	4.840	41	197906	16.064	ug/l	85
18) Methylene Chloride	5.099	84	148675	19.570	ug/l	94
19) trans-1,2-Dichloroethene	5.593	96	131512	19.937	ug/l	98
20) Diisopropyl ether	6.493	45	426691	16.933	ug/l	96
21) 1,1-Dichloroethane	6.381	63	253911	18.731	ug/l	98
22) cis-1,2-Dichloroethene	7.322	96	161159	20.122	ug/l	96
23) tert-Butyl Alcohol	5.351	59	134772	76.618	ug/l #	100
24) Methyl tert-Butyl Ether	5.616	73	449016	18.978	ug/l	91
25) Chloroform	7.816	83	258441	19.626	ug/l	98
26) Cyclohexane	8.092	56	218139	17.850	ug/l #	99
29) 1,1-Dichloropropene	8.216	75	189249	19.630	ug/l	99
30) 2-Butanone	7.328	43	531174	81.108	ug/l	98
31) 2,2-Dichloropropane	7.322	77	215728	22.980	ug/l	99
32) 1,1,1-Trichloroethane	8.010	97	220962	19.702	ug/l	97
33) Carbon Tetrachloride	8.204	117	188689	19.768	ug/l	96
34) Benzene	8.457	78	597428	19.999	ug/l	99
35) Methacrylonitrile	7.628	41	106373	16.742	ug/l	96
36) 1,2-Dichloroethane	8.528	62	206723	19.495	ug/l	96
37) Trichloroethene	9.216	130	150618	20.804	ug/l	97
38) Methylcyclohexane	9.457	83	237969	20.305	ug/l	97
39) 1,2-Dichloropropane	9.487	63	149070	19.055	ug/l	99
40) Dibromomethane	9.575	93	100418	20.012	ug/l	87
41) Bromodichloromethane	9.757	83	198084	19.636	ug/l	97
42) Vinyl Acetate	6.428	43	1791288	83.360	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.404	43	208538	16.361	ug/l	99
44) Isopropyl Acetate	8.557	43	317887	15.580	ug/l	95
45) 1,4-Dioxane	9.563	88	67924	364.761	ug/l	95
46) Methyl methacrylate	9.551	41	135461	14.962	ug/l	84
47) n-amyl Acetate	12.380	43	197728	14.632	ug/l	91
48) t-1,3-Dichloropropene	10.716	75	205927	18.773	ug/l	100
49) cis-1,3-Dichloropropene	10.186	75	231635	19.448	ug/l #	87
50) 1,1,2-Trichloroethane	10.892	97	149843	20.336	ug/l	99
51) Ethyl methacrylate	10.757	69	218514	17.695	ug/l	86
52) 1,3-Dichloropropane	11.039	76	257790	19.643	ug/l	98
53) Dibromochloromethane	11.233	129	150700	19.740	ug/l	100
54) 1,2-Dibromoethane	11.339	107	150538	19.789	ug/l	95
55) 2-Chloroethyl vinyl ether	10.039	63	302172	80.725	ug/l	99
56) Bromoform	12.451	173	113469	19.203	ug/l #	99
58) 4-Methyl-2-Pentanone	10.328	43	999370	81.990	ug/l	93
59) 2-Hexanone	11.081	43	725604	80.154	ug/l	91
61) Tetrachloroethene	10.975	164	131279	22.003	ug/l	89
62) Toluene	10.498	91	650569	21.163	ug/l	98
64) Chlorobenzene	11.763	112	389029	20.822	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.839	131	146261	21.105	ug/l	99
66) Ethyl Benzene	11.839	91	681892	20.235	ug/l	99
67) m/p-Xylenes	11.945	106	540556	42.184	ug/l	96
68) o-Xylene	12.275	106	265681	20.756	ug/l	96
69) Styrene	12.292	104	405874	20.115	ug/l	97
70) Isopropylbenzene	12.575	105	670445	20.665	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.822	83	224898	20.232	ug/l	98
72) 1,2,3-Trichloropropane	12.875	75	194593m	19.053	ug/l	
73) Bromobenzene	12.857	156	158491	20.754	ug/l	97
74) n-propylbenzene	12.916	91	707828	19.888	ug/l	98
75) 2-Chlorotoluene	13.004	91	453891	20.308	ug/l	99
76) 1,3,5-Trimethylbenzene	13.057	105	540816	20.938	ug/l	96
77) t-1,4-Dichloro-2-butene	12.622	75	58956	17.767	ug/l	99
78) 4-Chlorotoluene	13.098	91	411888	19.854	ug/l	98
79) tert-butylbenzene	13.322	119	482025	20.516	ug/l	94
80) 1,2,4-Trimethylbenzene	13.363	105	516415m	20.750	ug/l	
81) sec-Butylbenzene	13.498	105	634221	20.214	ug/l	97
82) p-Isopropyltoluene	13.610	119	507717	20.159	ug/l	97
83) 1,3-Dichlorobenzene	13.610	146	254390	20.461	ug/l	98
84) 1,4-Dichlorobenzene	13.692	146	242587	20.433	ug/l	98
85) n-Butylbenzene	13.939	91	350724	18.734	ug/l	96
86) Hexachloroethane	14.204	117	95700	19.891	ug/l	82
87) 1,2-Dichlorobenzene	13.986	146	258862	21.388	ug/l	97
88) 1,2-Dibromo-3-Chloropr...	14.598	75	36807	17.613	ug/l #	83
89) 1,2,4-Trichlorobenzene	15.257	180	105926	19.038	ug/l	95
90) Hexachlorobutadiene	15.363	225	69330	21.700	ug/l	95
91) Naphthalene	15.498	128	270379	15.904	ug/l	98
92) 1,2,3-Trichlorobenzene	15.698	180	104641	18.487	ug/l	98

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

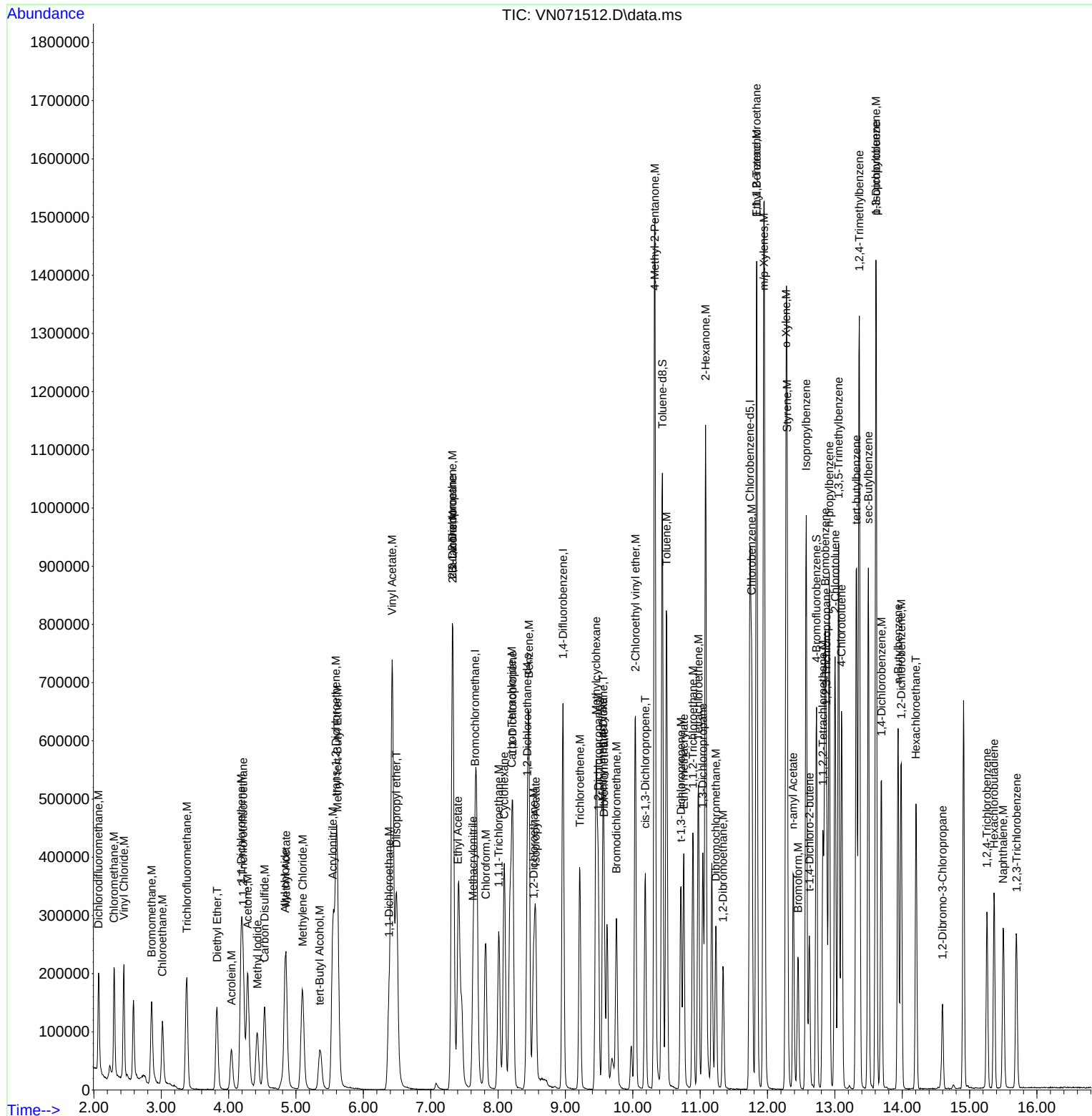
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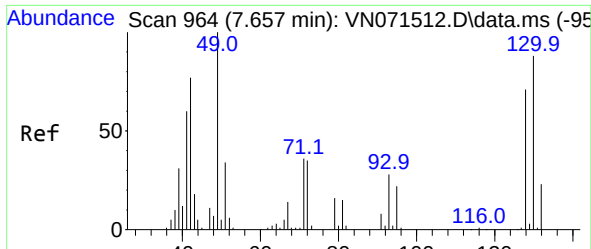
Instrument :
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 VSTDICCC020

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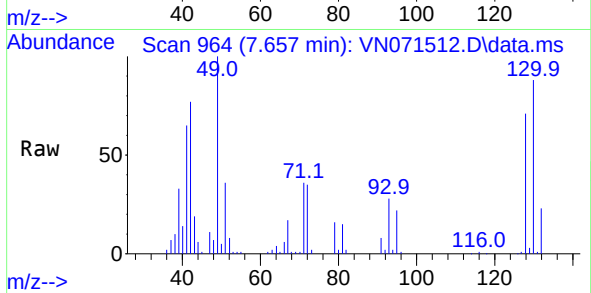
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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.657 min Scan# 964
Delta R.T. 0.000 min
Lab File: VN071512.D
Acq: 24 Mar 2022 10:30

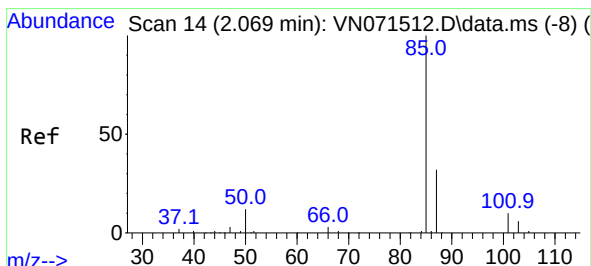
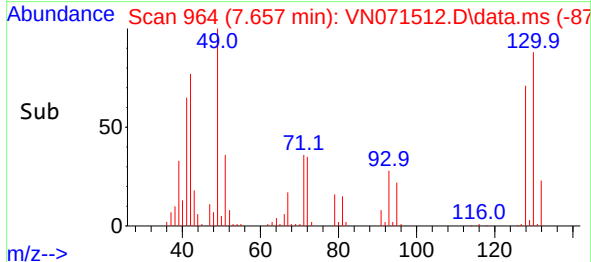
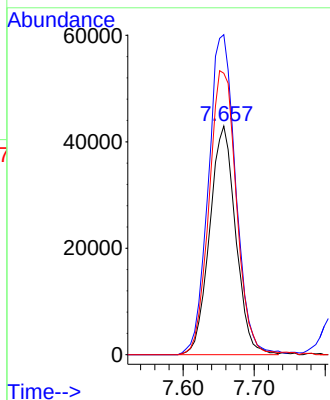
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion:128 Resp: 109152
Ion Ratio Lower Upper
128 100
49 147.1 0.0 392.3
130 130.4 0.0 320.2

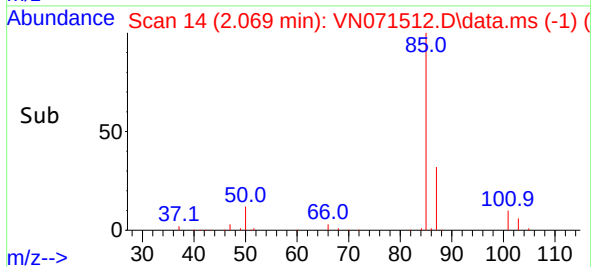
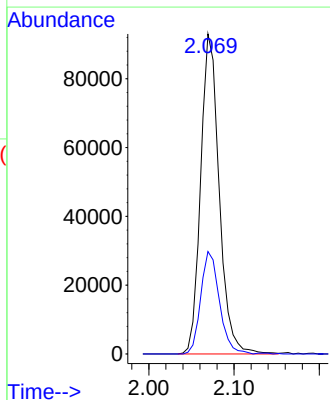
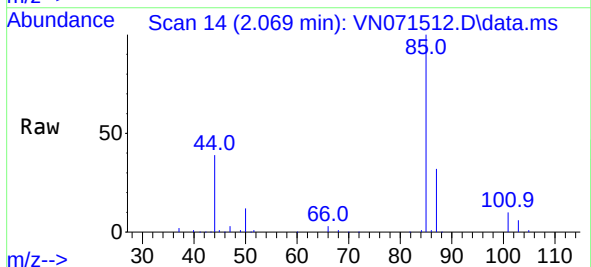
Manual Integrations
APPROVED

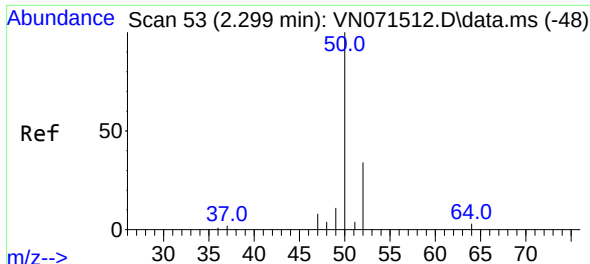
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#2
Dichlorodifluoromethane
Concen: 19.981 ug/l
RT: 2.069 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN071512.D
Acq: 24 Mar 2022 10:30

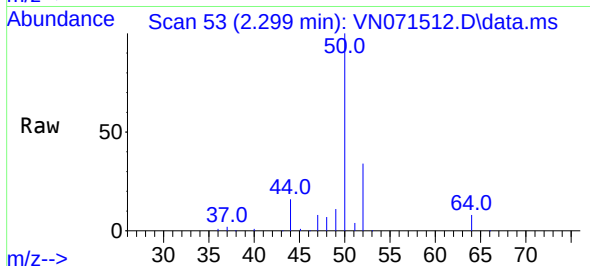
Tgt Ion: 85 Resp: 140489
Ion Ratio Lower Upper
85 100
87 32.0 16.6 49.7





#3
Chloromethane
Concen: 17.501 ug/l
RT: 2.299 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN071512.D
Acq: 24 Mar 2022 10:30

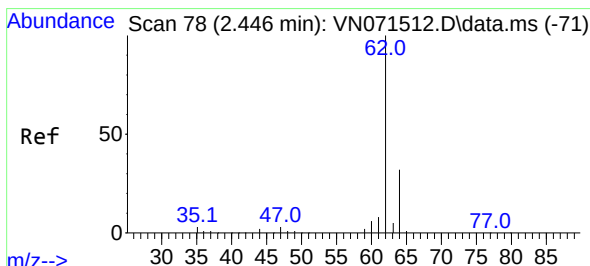
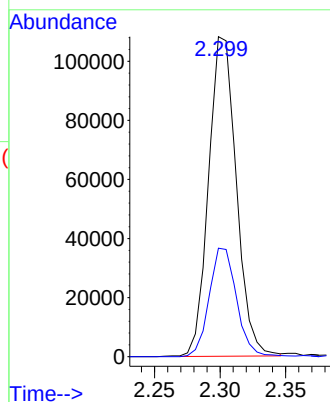
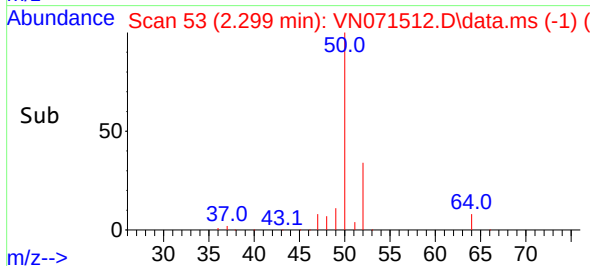
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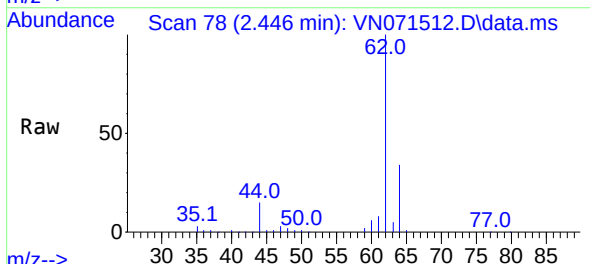
Tgt Ion: 50 Resp: 159469
Ion Ratio Lower Upper
50 100
52 34.0 27.8 41.6

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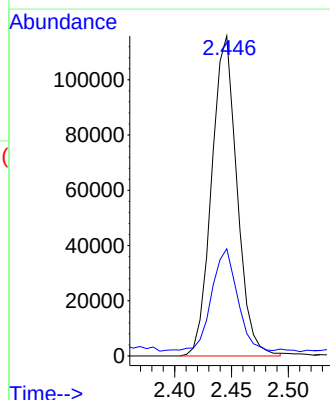
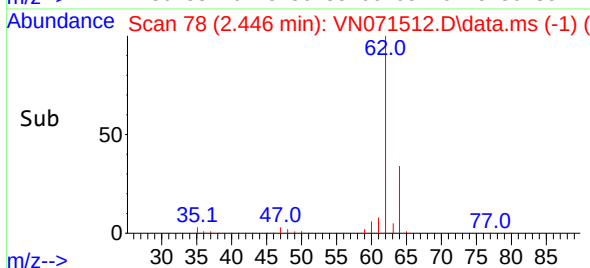
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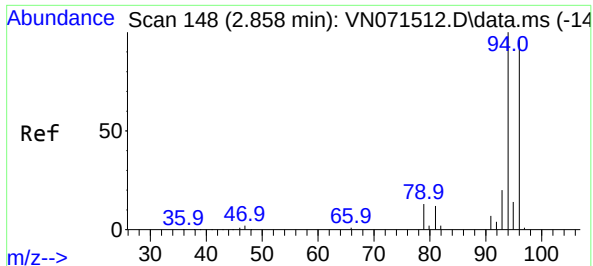


#4
Vinyl Chloride
Concen: 20.710 ug/l
RT: 2.446 min Scan# 78
Delta R.T. 0.000 min
Lab File: VN071512.D
Acq: 24 Mar 2022 10:30



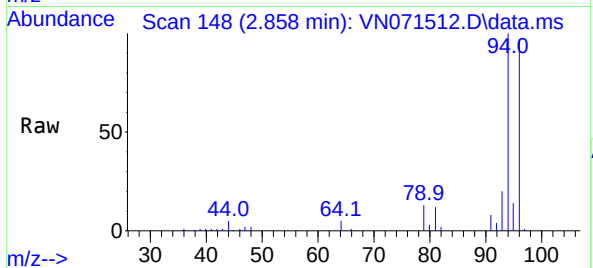
Tgt Ion: 62 Resp: 180300
Ion Ratio Lower Upper
62 100
64 31.7 25.1 37.7





#5
Bromomethane
Concen: 26.120 ug/l
RT: 2.858 min Scan# 148
Delta R.T. 0.000 min
Lab File: VN071512.D
Acq: 24 Mar 2022 10:30

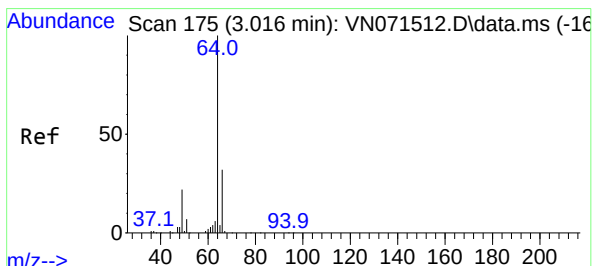
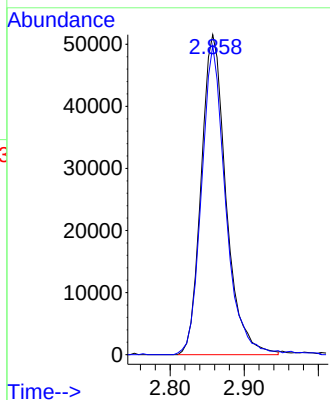
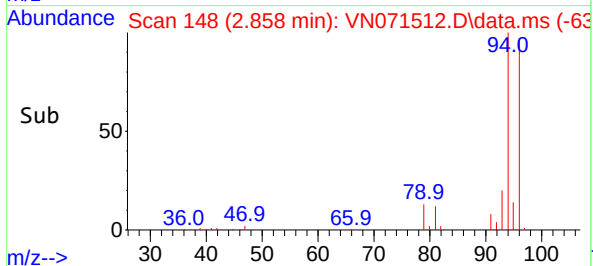
Instrument :
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ClientSampleId :
VSTDICCC020



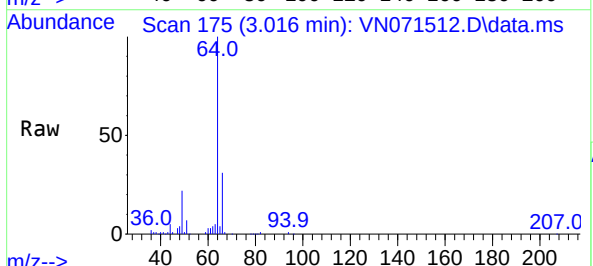
Tgt Ion: 94 Resp: 11995
Ion Ratio Lower Upper
94 100
96 96.1 75.2 112.8

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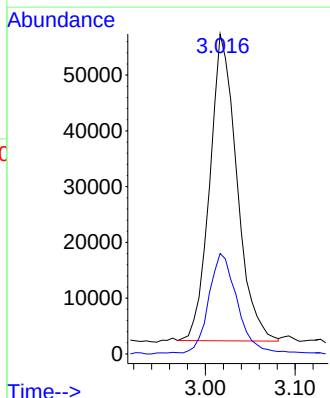
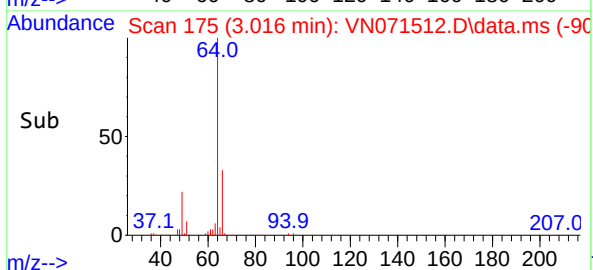
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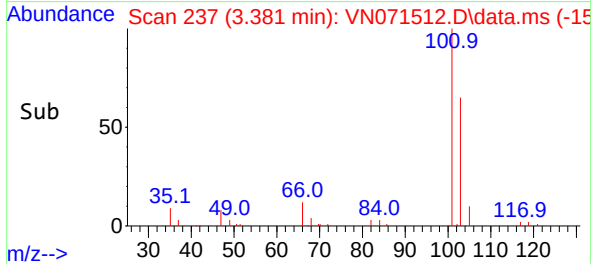
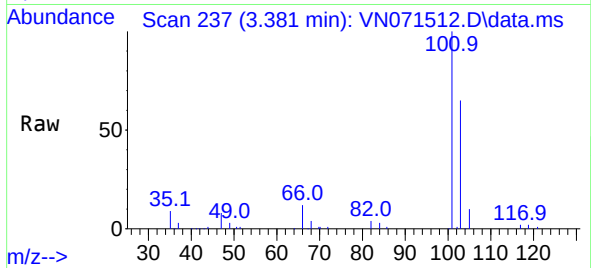
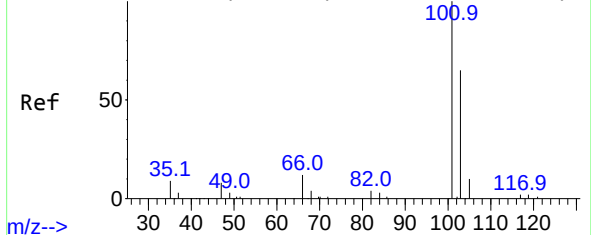
#6
Chloroethane
Concen: 21.631 ug/l
RT: 3.016 min Scan# 175
Delta R.T. 0.000 min
Lab File: VN071512.D
Acq: 24 Mar 2022 10:30



Tgt Ion: 64 Resp: 115540
Ion Ratio Lower Upper
64 100
66 32.4 24.6 36.8



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



#7

Trichlorofluoromethane

Concen: 19.506 ug/l

RT: 3.381 min Scan# 211539

Delta R.T. 0.000 min

Lab File: VN071512.D

Acq: 24 Mar 2022 10:30

Tgt Ion: 101 Resp: 211539

Ion Ratio Lower Upper

101 100

103 64.8 50.1 75.1

Instrument :

MSVOA_N

ClientSampleId :

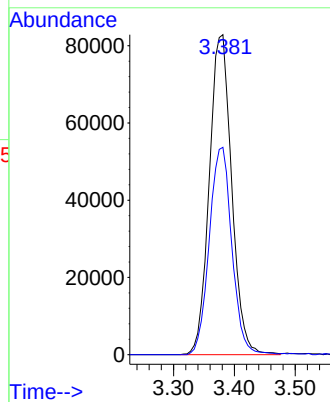
VSTDICCC020

Manual Integrations

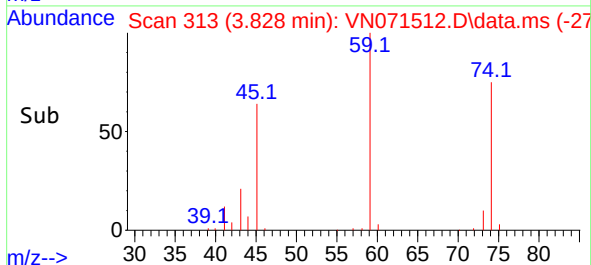
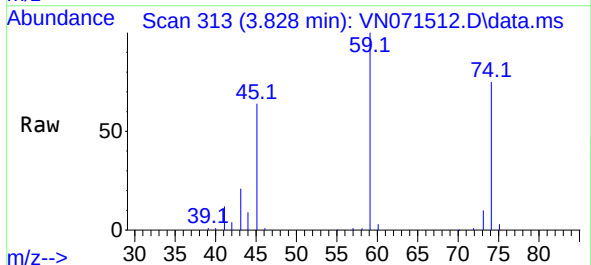
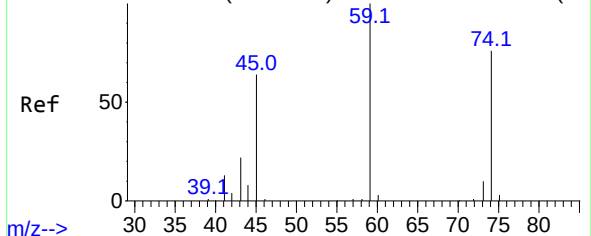
APPROVED

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Supervised By :Mahesh Dadoda 03/25/2022



Abundance Scan 313 (3.828 min): VN071512.D\data.ms (-30



#8

Diethyl Ether

Concen: 18.685 ug/l

RT: 3.828 min Scan# 313

Delta R.T. 0.000 min

Lab File: VN071512.D

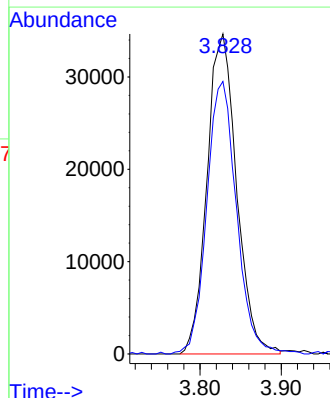
Acq: 24 Mar 2022 10:30

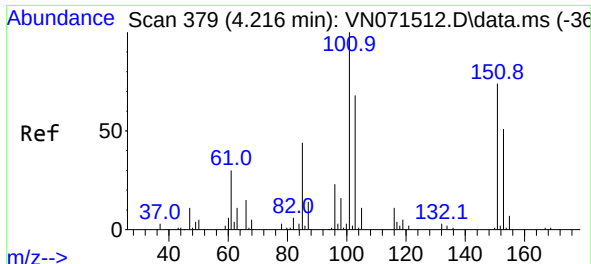
Tgt Ion: 74 Resp: 87955

Ion Ratio Lower Upper

74 100

45 85.5 17.6 158.8





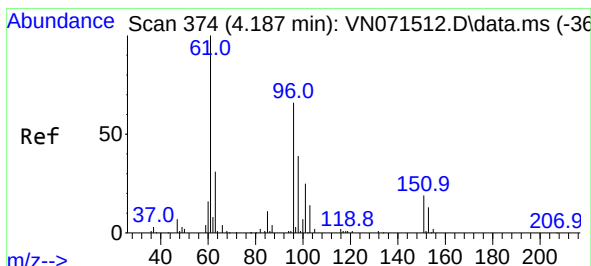
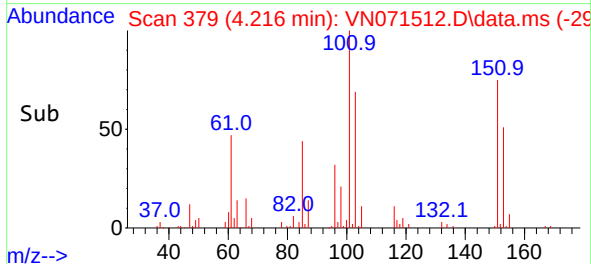
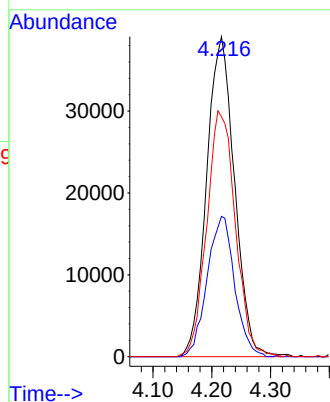
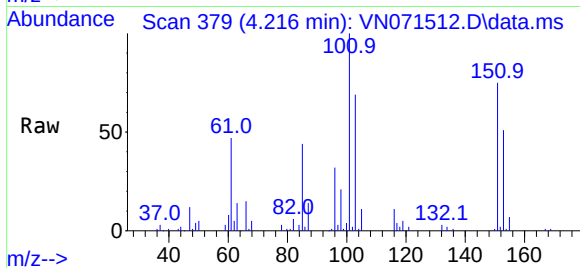
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.758 ug/l
RT: 4.216 min Scan# 379
Delta R.T. 0.000 min
Lab File: VN071512.D
Acq: 24 Mar 2022 10:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion:101 Resp: 128869
Ion Ratio Lower Upper
101 100
85 43.1 0.0 94.0
151 78.2 0.0 74.6

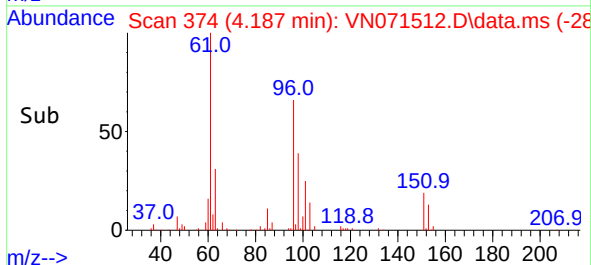
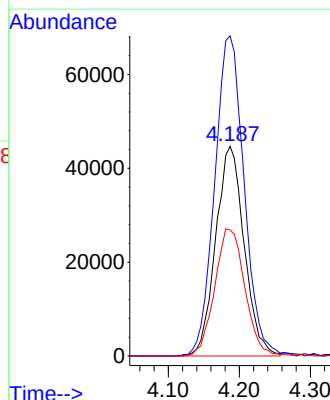
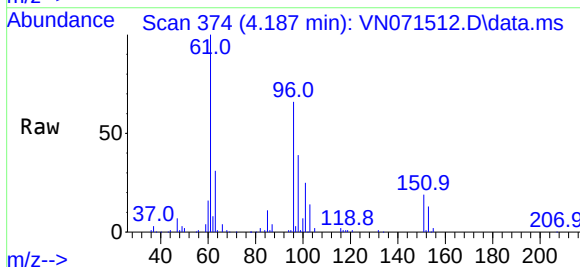
Manual Integrations
APPROVED

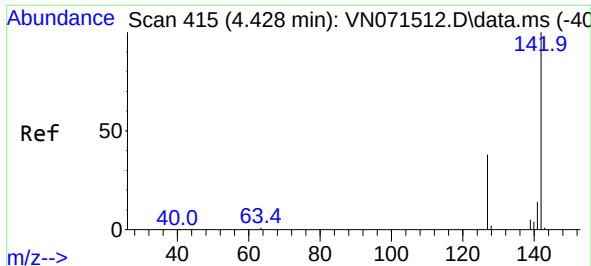
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#10
1,1-Dichloroethene
Concen: 19.880 ug/l
RT: 4.187 min Scan# 374
Delta R.T. 0.000 min
Lab File: VN071512.D
Acq: 24 Mar 2022 10:30

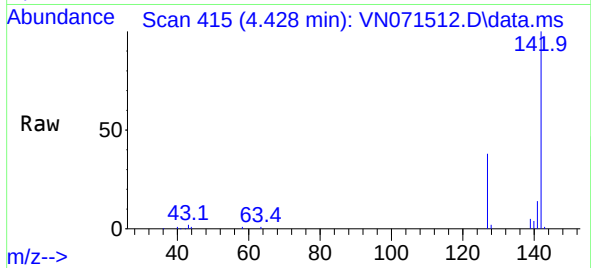
Tgt Ion: 96 Resp: 124365
Ion Ratio Lower Upper
96 100
61 152.6 126.2 189.4
98 60.2 50.9 76.3





#11
Methyl Iodide
Concen: 20.558 ug/l
RT: 4.428 min Scan# 415
Delta R.T. 0.000 min
Lab File: VN071512.D
Acq: 24 Mar 2022 10:30

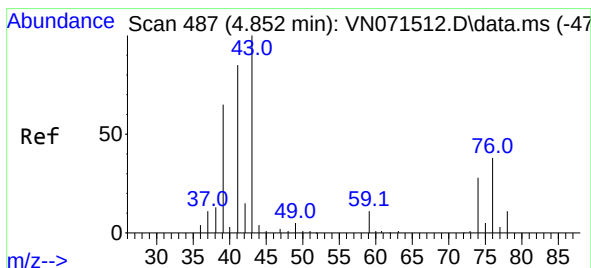
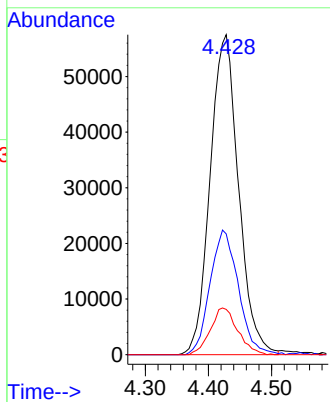
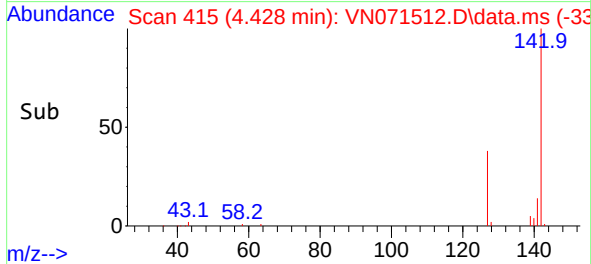
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



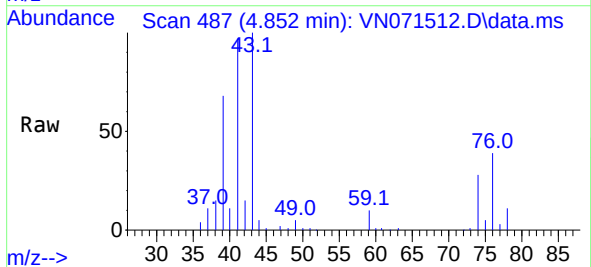
Tgt Ion:142 Resp: 179838
Ion Ratio Lower Upper
142 100
127 37.8 24.0 72.0
141 14.2 8.4 25.2

Manual Integrations
APPROVED

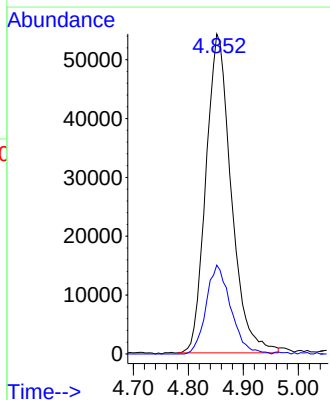
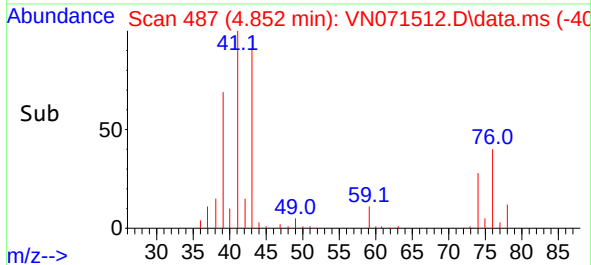
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

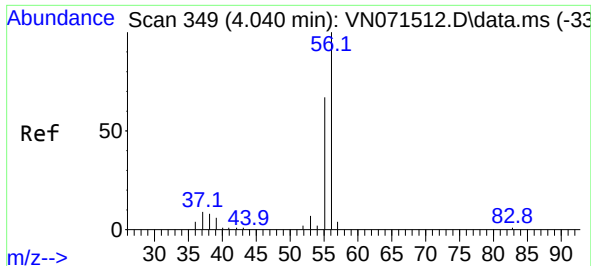


#12
Methyl Acetate
Concen: 15.301 ug/l
RT: 4.852 min Scan# 487
Delta R.T. 0.000 min
Lab File: VN071512.D
Acq: 24 Mar 2022 10:30



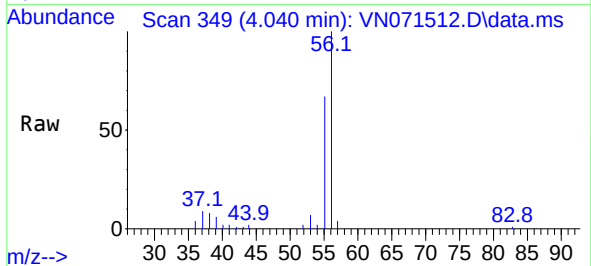
Tgt Ion: 43 Resp: 173729
Ion Ratio Lower Upper
43 100
74 27.7 20.8 31.2





#13
Acrolein
Concen: 61.955 ug/l
RT: 4.040 min Scan# 349
Delta R.T. 0.000 min
Lab File: VN071512.D
Acq: 24 Mar 2022 10:30

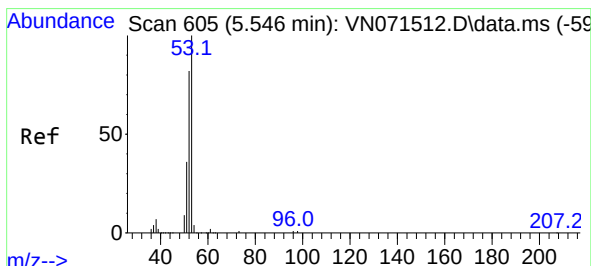
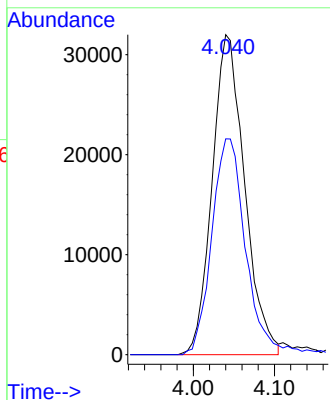
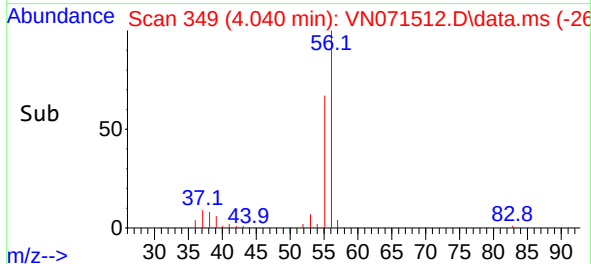
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



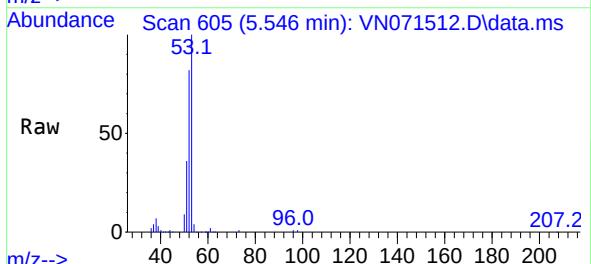
Tgt Ion: 56 Resp: 8878
Ion Ratio Lower Upper
56 100
55 70.3 57.6 86.4

Manual Integrations
APPROVED

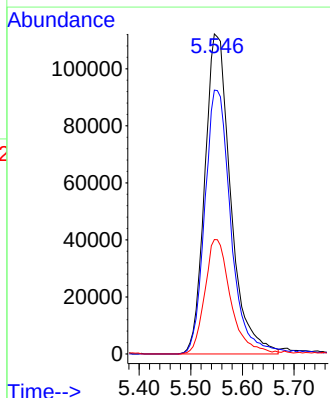
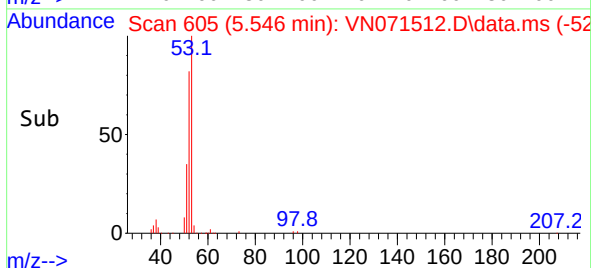
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

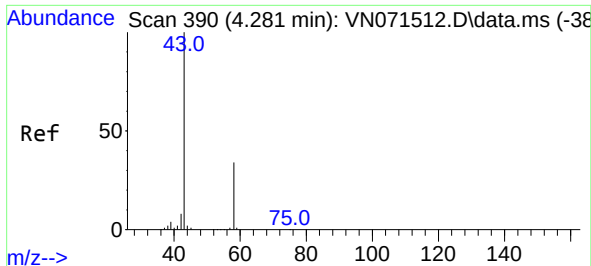


#14
Acrylonitrile
Concen: 81.415 ug/l
RT: 5.546 min Scan# 605
Delta R.T. 0.000 min
Lab File: VN071512.D
Acq: 24 Mar 2022 10:30



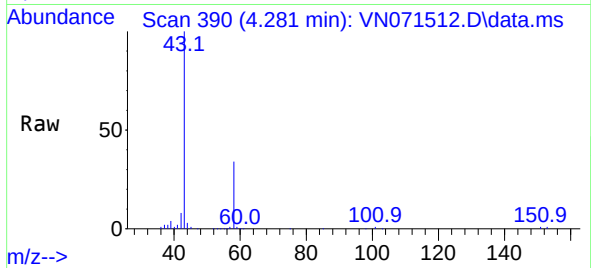
Tgt Ion: 53 Resp: 389817
Ion Ratio Lower Upper
53 100
52 83.1 41.8 125.4
51 35.7 19.0 57.0





#15
Acetone
Concen: 91.956 ug/l
RT: 4.281 min Scan# 390
Delta R.T. 0.000 min
Lab File: VN071512.D
Acq: 24 Mar 2022 10:30

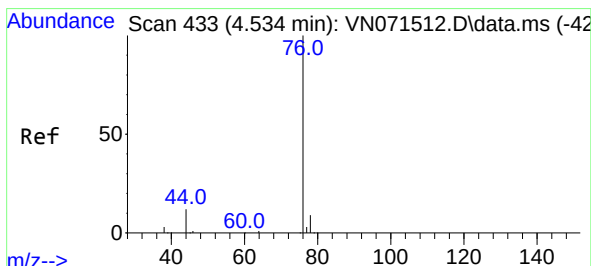
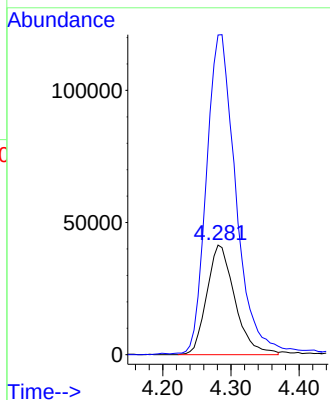
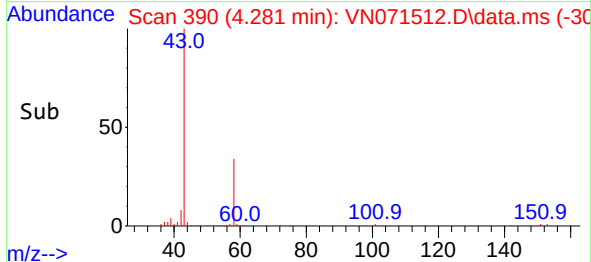
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



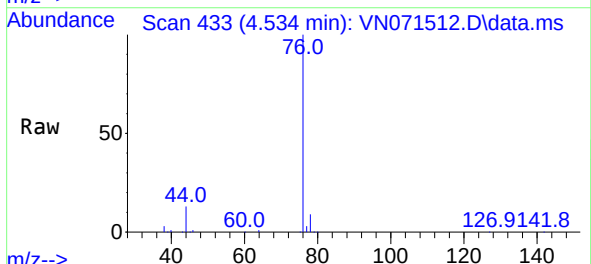
Tgt Ion: 58 Resp: 118849
Ion Ratio Lower Upper
58 100
43 290.3 256.6 384.8

Manual Integrations
APPROVED

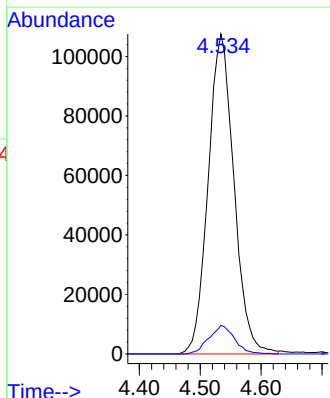
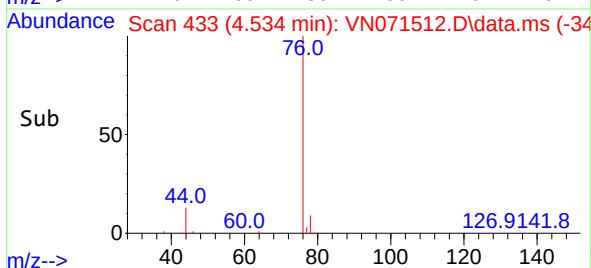
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

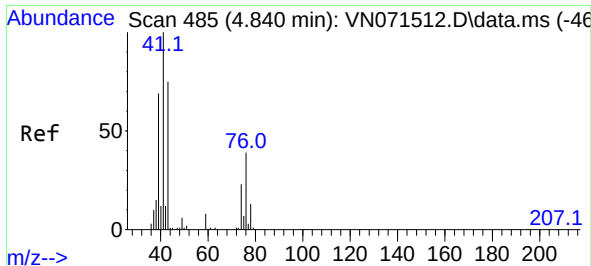


#16
Carbon Disulfide
Concen: 18.782 ug/l
RT: 4.534 min Scan# 433
Delta R.T. 0.000 min
Lab File: VN071512.D
Acq: 24 Mar 2022 10:30



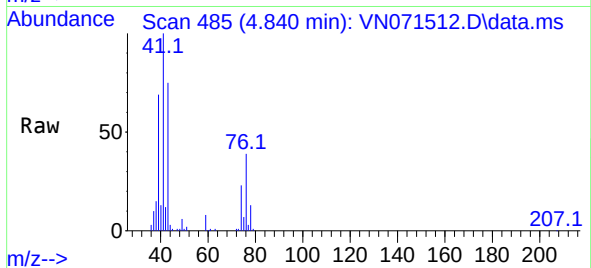
Tgt Ion: 76 Resp: 315907
Ion Ratio Lower Upper
76 100
78 8.9 7.8 11.8





#17
 Allyl chloride
 Concen: 16.064 ug/l
 RT: 4.840 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VN071512.D
 Acq: 24 Mar 2022 10:30

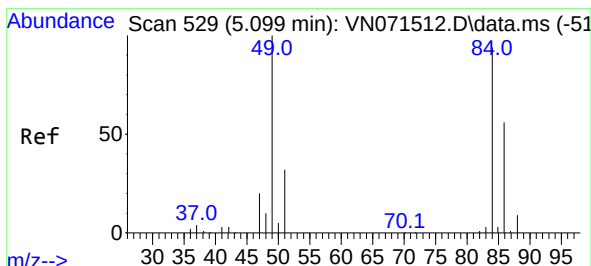
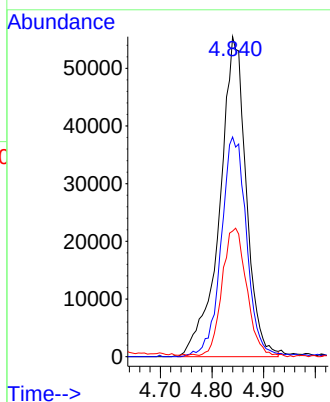
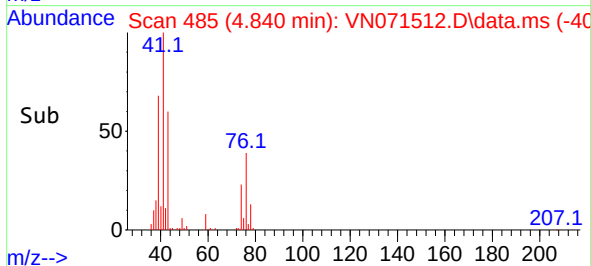
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020



Tgt Ion: 41 Resp: 197900
 Ion Ratio Lower Upper
 41 100
 39 68.7 44.6 134.0
 76 38.8 19.6 58.7

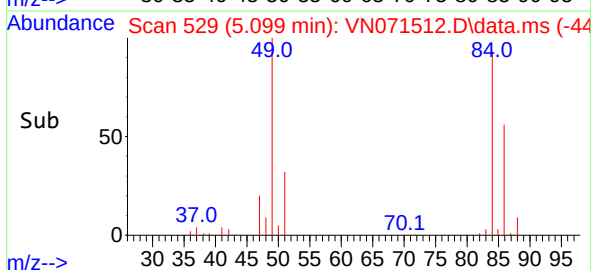
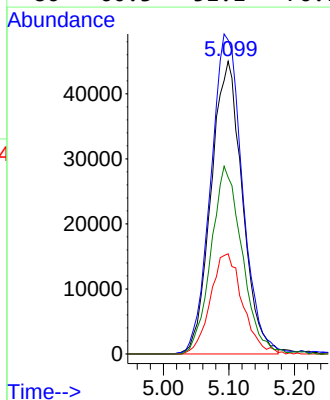
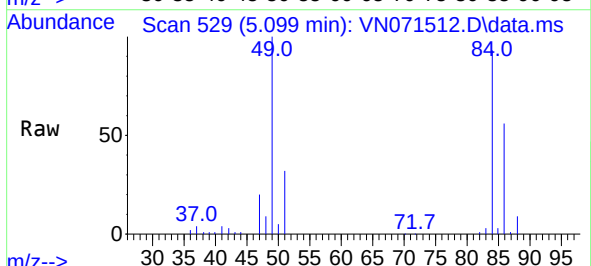
Manual Integrations
 APPROVED

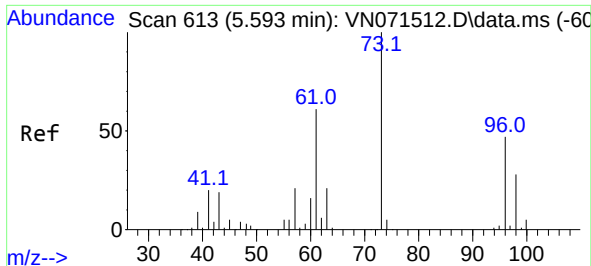
Reviewed By :John Carlone 03/25/2022
 Supervised By :Mahesh Dadoda 03/25/2022



#18
 Methylene Chloride
 Concen: 19.570 ug/l
 RT: 5.099 min Scan# 529
 Delta R.T. 0.000 min
 Lab File: VN071512.D
 Acq: 24 Mar 2022 10:30

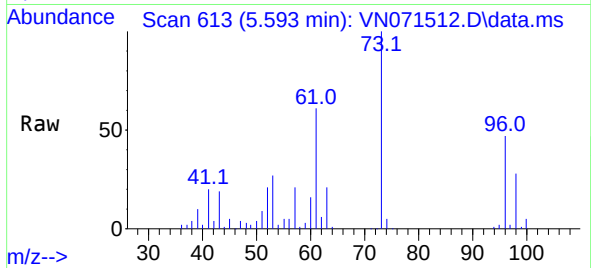
Tgt Ion: 84 Resp: 148675
 Ion Ratio Lower Upper
 84 100
 49 106.8 91.4 137.0
 51 34.2 29.4 44.0
 86 60.3 51.1 76.7





#19
trans-1,2-Dichloroethene
Concen: 19.937 ug/l
RT: 5.593 min Scan# 613
Delta R.T. 0.000 min
Lab File: VN071512.D
Acq: 24 Mar 2022 10:30

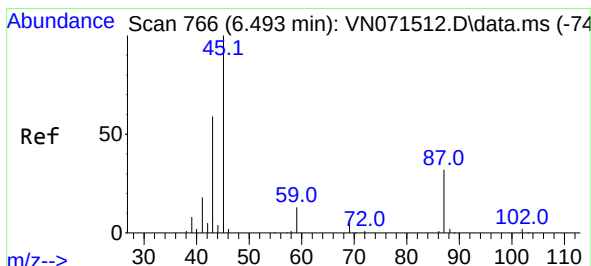
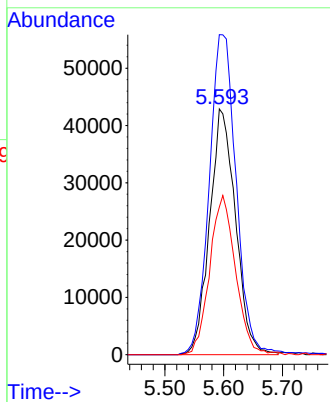
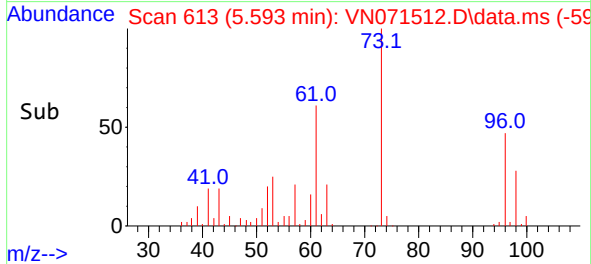
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



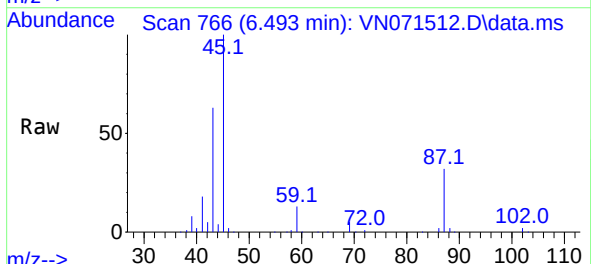
Tgt Ion: 96 Resp: 131512
Ion Ratio Lower Upper
96 100
61 130.2 102.8 154.2
98 60.0 49.3 73.9

Manual Integrations
APPROVED

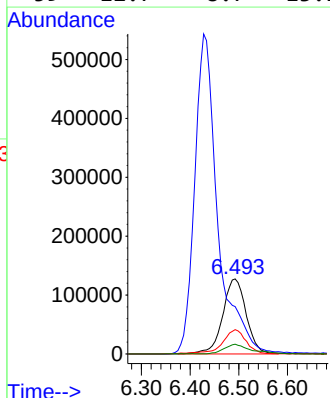
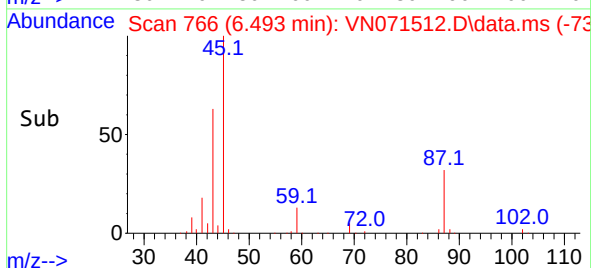
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

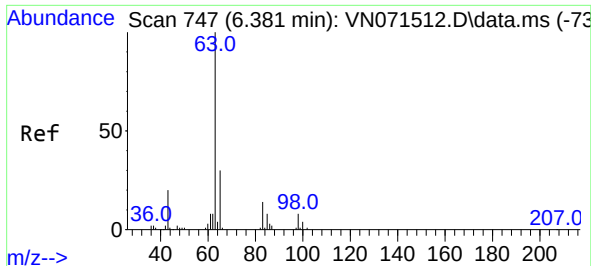


#20
Diisopropyl ether
Concen: 16.933 ug/l
RT: 6.493 min Scan# 766
Delta R.T. 0.000 min
Lab File: VN071512.D
Acq: 24 Mar 2022 10:30



Tgt Ion: 45 Resp: 426691
Ion Ratio Lower Upper
45 100
43 60.0 51.0 76.4
87 32.1 25.0 37.4
59 12.7 8.7 13.1





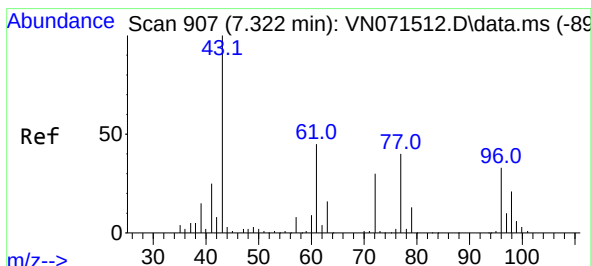
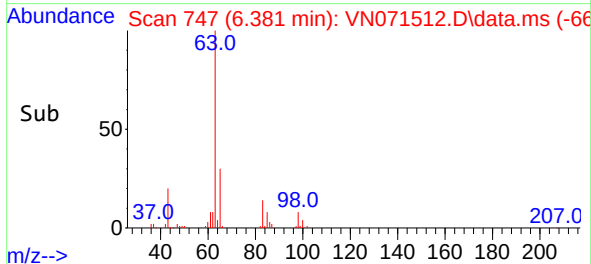
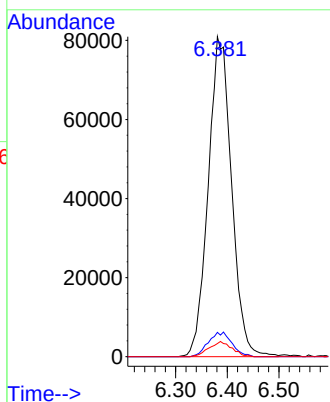
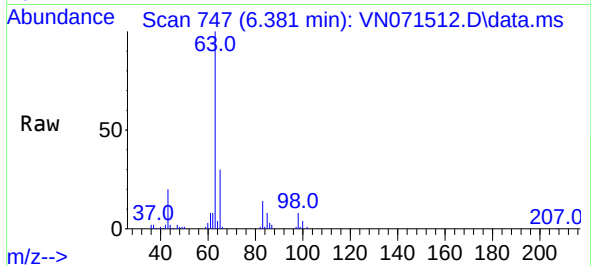
#21
1,1-Dichloroethane
Concen: 18.731 ug/l
RT: 6.381 min Scan# 747
Delta R.T. 0.000 min
Lab File: VN071512.D
Acq: 24 Mar 2022 10:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 63 Resp: 25391
Ion Ratio Lower Upper
63 100
98 7.6 3.2 9.6
100 4.1 2.1 6.2

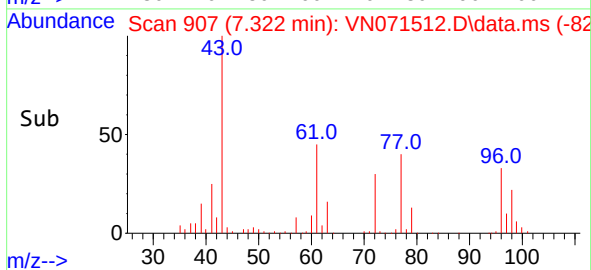
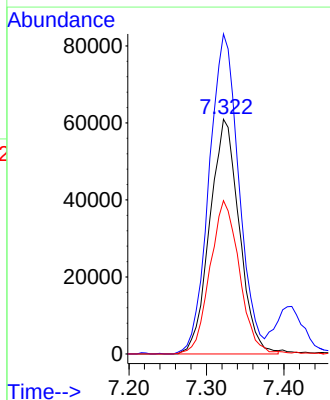
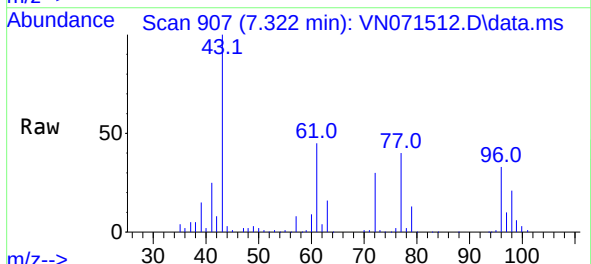
Manual Integrations
APPROVED

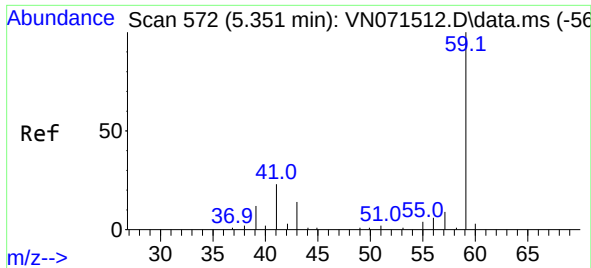
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#22
cis-1,2-Dichloroethene
Concen: 20.122 ug/l
RT: 7.322 min Scan# 907
Delta R.T. 0.000 min
Lab File: VN071512.D
Acq: 24 Mar 2022 10:30

Tgt Ion: 96 Resp: 161159
Ion Ratio Lower Upper
96 100
61 138.0 115.7 173.5
98 64.8 51.6 77.4





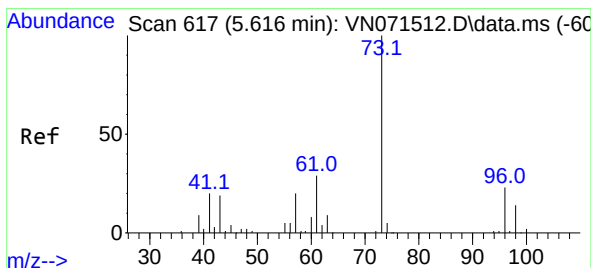
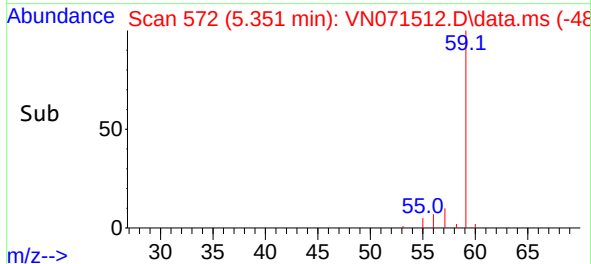
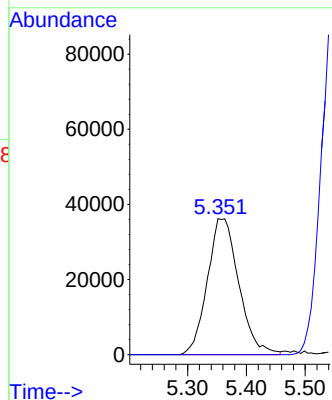
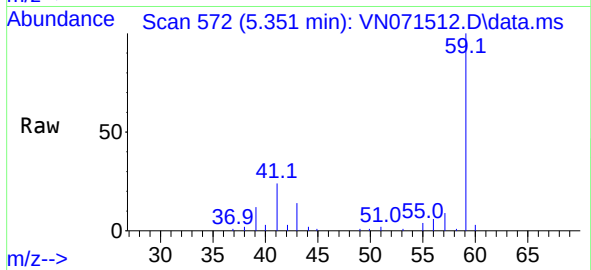
#23
tert-Butyl Alcohol
Concen: 76.618 ug/l
RT: 5.351 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN071512.D
Acq: 24 Mar 2022 10:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 59 Resp: 134772
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

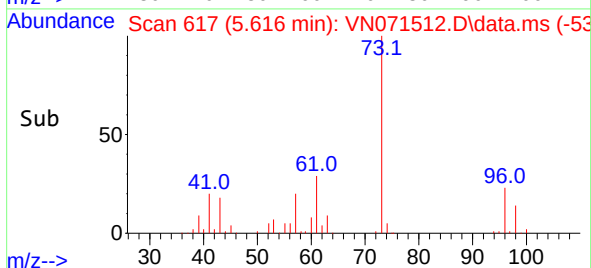
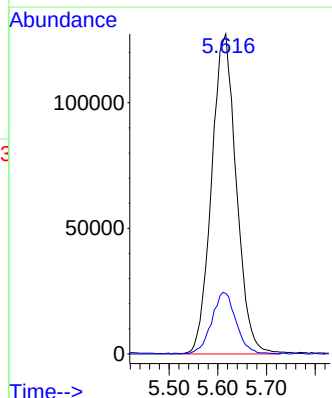
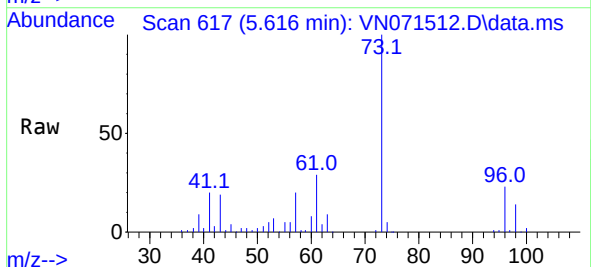
Manual Integrations
APPROVED

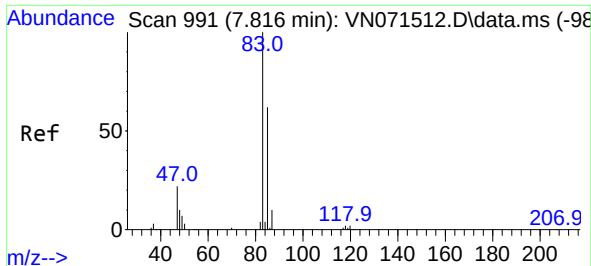
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#24
Methyl tert-Butyl Ether
Concen: 18.978 ug/l
RT: 5.616 min Scan# 617
Delta R.T. 0.000 min
Lab File: VN071512.D
Acq: 24 Mar 2022 10:30

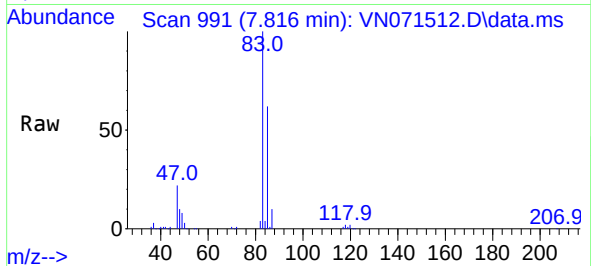
Tgt Ion: 73 Resp: 449016
Ion Ratio Lower Upper
73 100
43 18.5 18.1 27.1





#25
Chloroform
Concen: 19.626 ug/l
RT: 7.816 min Scan# 991
Delta R.T. 0.000 min
Lab File: VN071512.D
Acq: 24 Mar 2022 10:30

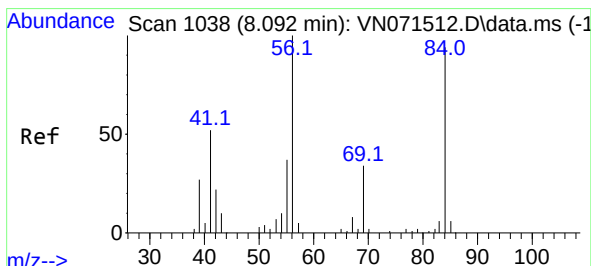
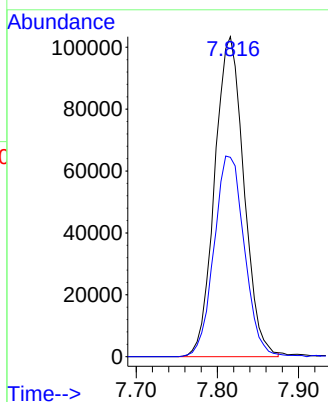
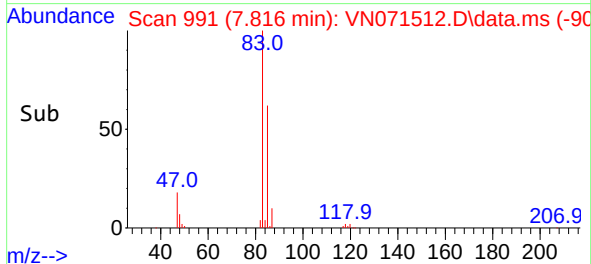
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion: 83 Resp: 25844
Ion Ratio Lower Upper
83 100
85 62.3 51.3 76.9

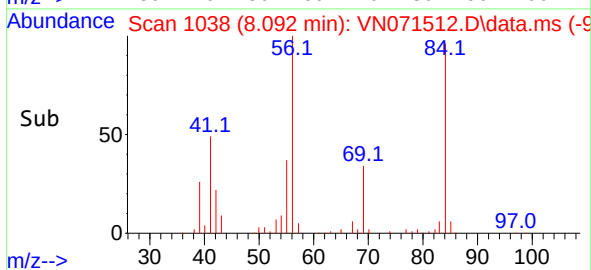
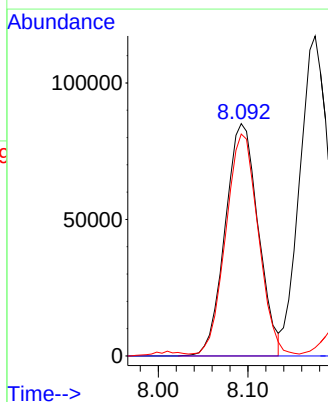
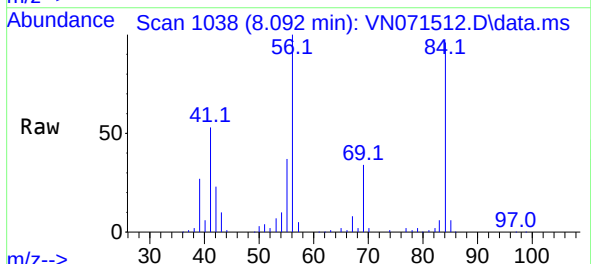
Manual Integrations
APPROVED

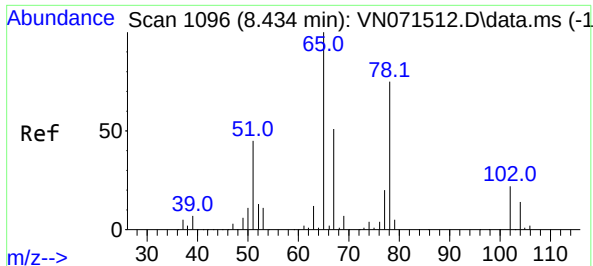
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#26
Cyclohexane
Concen: 17.850 ug/l
RT: 8.092 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VN071512.D
Acq: 24 Mar 2022 10:30

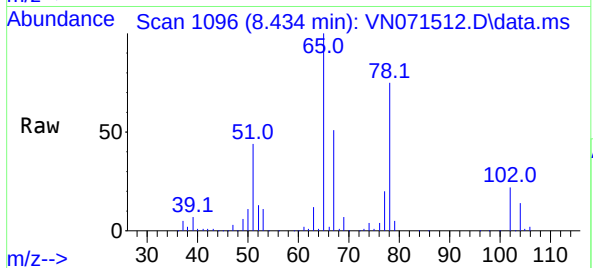
Tgt Ion: 56 Resp: 218139
Ion Ratio Lower Upper
56 100
89 0.0 0.1 0.1#
84 94.4 74.6 111.8





#27
1,2-Dichloroethane-d4
Concen: 27.401 ug/l
RT: 8.434 min Scan# 1096
Delta R.T. 0.000 min
Lab File: VN071512.D
Acq: 24 Mar 2022 10:30

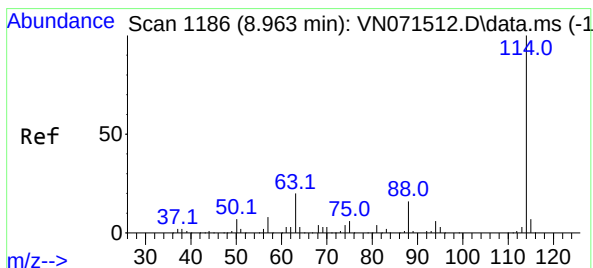
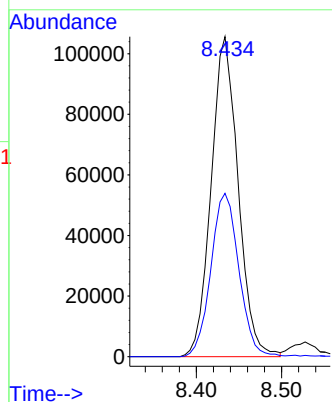
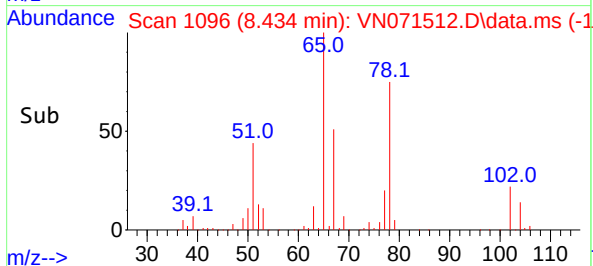
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



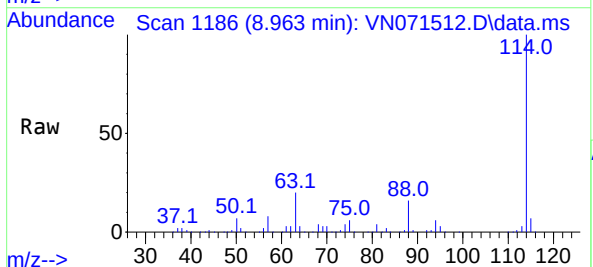
Tgt Ion: 65 Resp: 232478
Ion Ratio Lower Upper
65 100
67 52.9 40.2 60.2

Manual Integrations
APPROVED

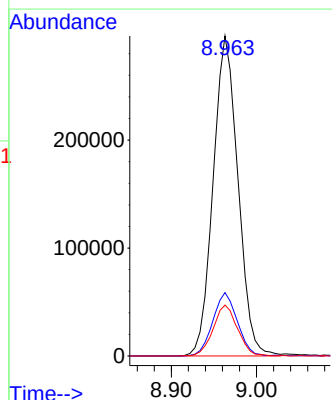
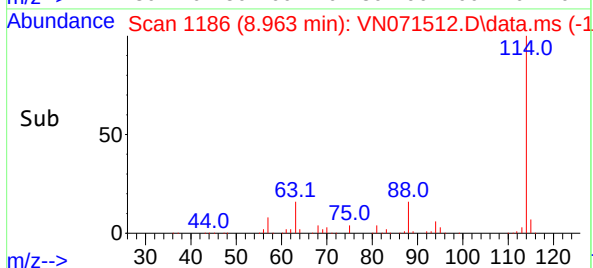
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

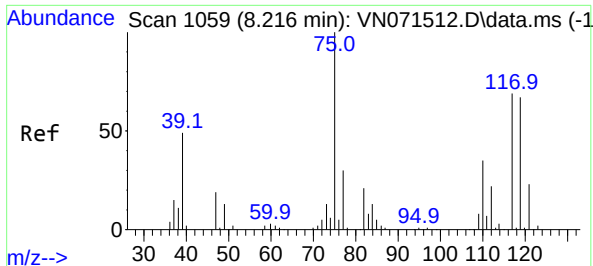


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. 0.000 min
Lab File: VN071512.D
Acq: 24 Mar 2022 10:30



Tgt Ion:114 Resp: 599725
Ion Ratio Lower Upper
114 100
63 19.5 15.8 23.6
88 15.6 11.6 17.4





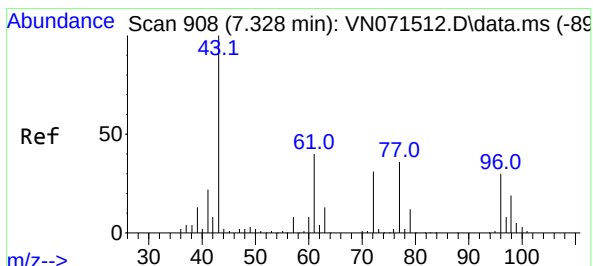
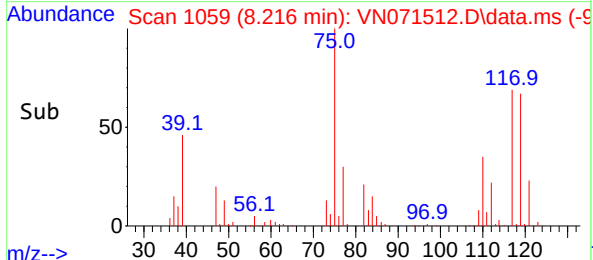
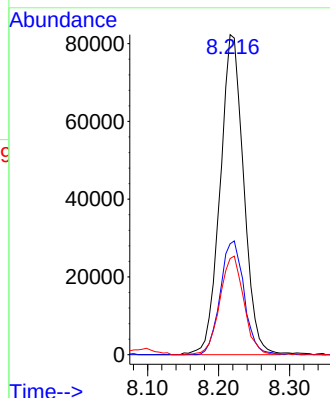
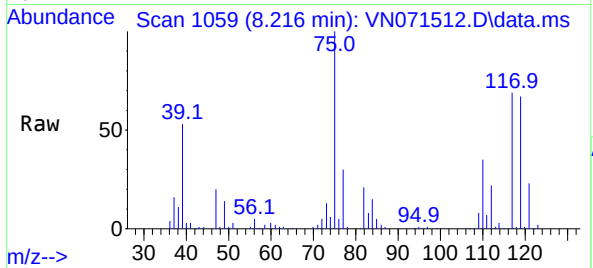
#29
1,1-Dichloropropene
Concen: 19.630 ug/l
RT: 8.216 min Scan# 1059
Delta R.T. 0.000 min
Lab File: VN071512.D
Acq: 24 Mar 2022 10:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 75 Resp: 189249
Ion Ratio Lower Upper
75 100
110 35.9 0.0 74.2
77 31.4 0.0 63.2

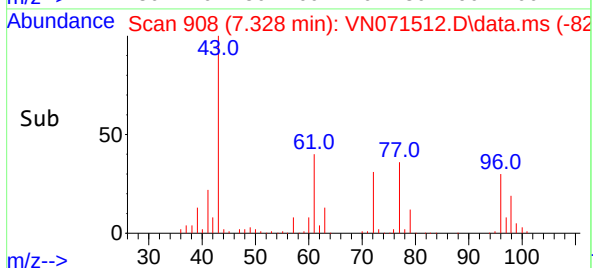
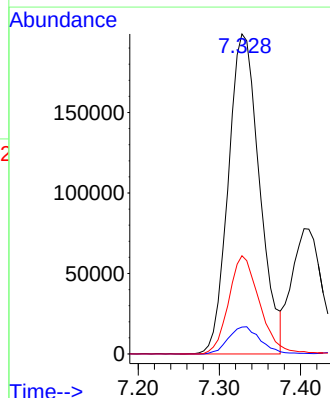
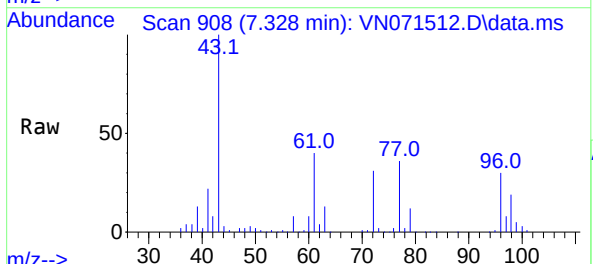
Manual Integrations
APPROVED

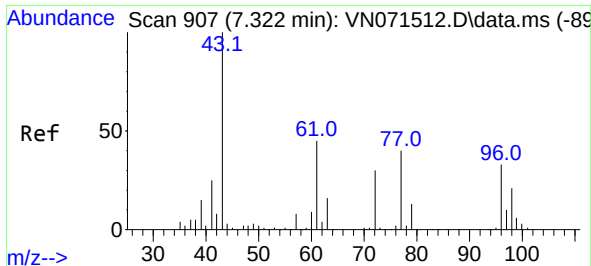
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#30
2-Butanone
Concen: 81.108 ug/l
RT: 7.328 min Scan# 908
Delta R.T. 0.000 min
Lab File: VN071512.D
Acq: 24 Mar 2022 10:30

Tgt Ion: 43 Resp: 531174
Ion Ratio Lower Upper
43 100
57 8.8 6.7 10.1
72 30.5 23.2 34.8





#31
2,2-Dichloropropane
Concen: 22.980 ug/l
RT: 7.322 min Scan# 907
Delta R.T. 0.000 min
Lab File: VN071512.D
Acq: 24 Mar 2022 10:30

Instrument :

MSVOA_N

ClientSampleId :

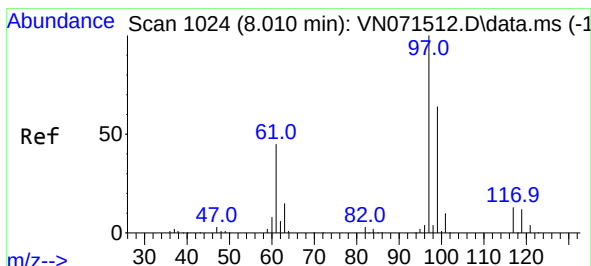
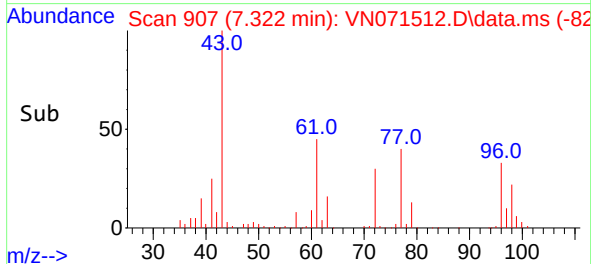
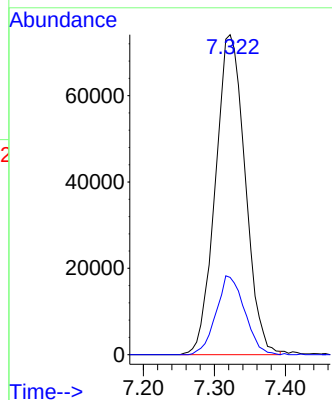
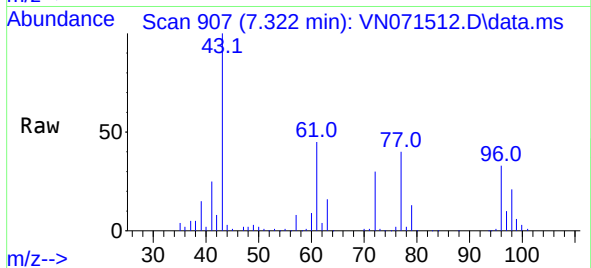
VSTDICCC020

Tgt Ion: 77 Resp: 215728
Ion Ratio Lower Upper
77 100
97 23.6 18.3 27.5

Manual Integrations

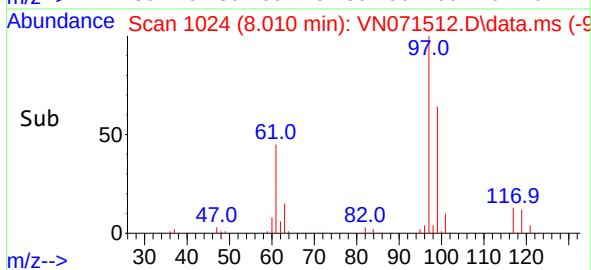
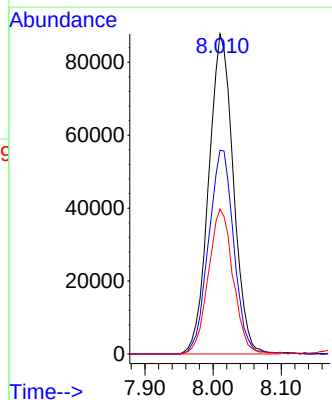
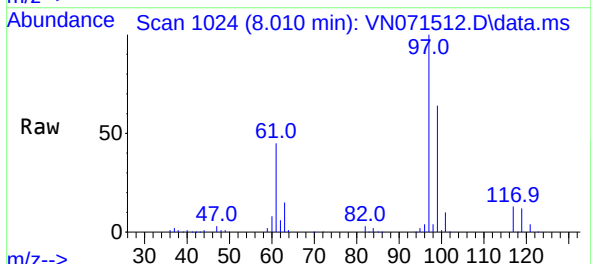
APPROVED

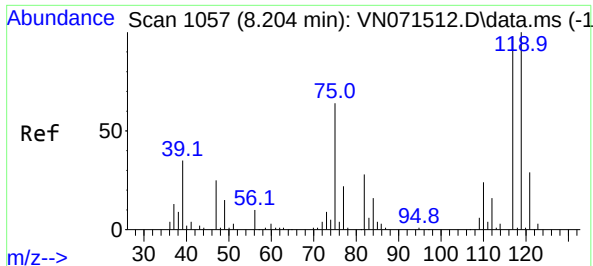
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#32
1,1,1-Trichloroethane
Concen: 19.702 ug/l
RT: 8.010 min Scan# 1024
Delta R.T. 0.000 min
Lab File: VN071512.D
Acq: 24 Mar 2022 10:30

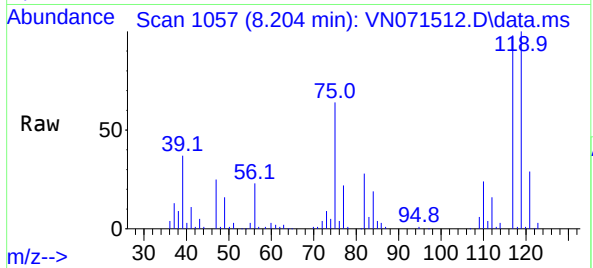
Tgt Ion: 97 Resp: 220962
Ion Ratio Lower Upper
97 100
99 64.9 50.4 75.6
61 45.5 34.6 51.8





#33
Carbon Tetrachloride
Concen: 19.768 ug/l
RT: 8.204 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN071512.D
Acq: 24 Mar 2022 10:30

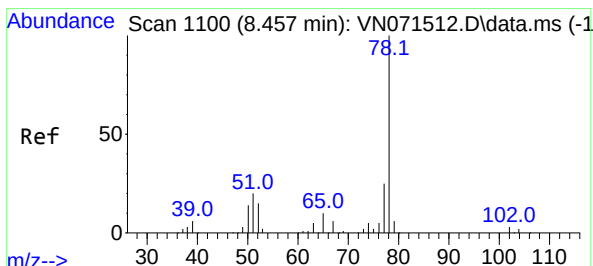
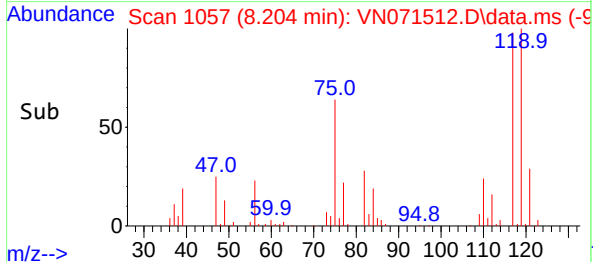
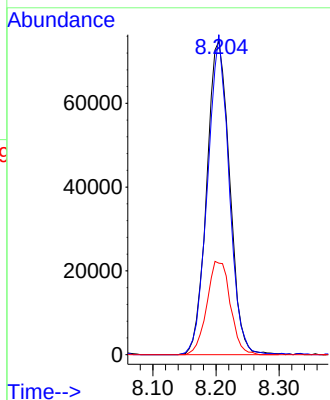
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion: 117 Resp: 188689
Ion Ratio Lower Upper
117 100
119 102.1 77.5 116.3
121 29.2 23.5 35.3

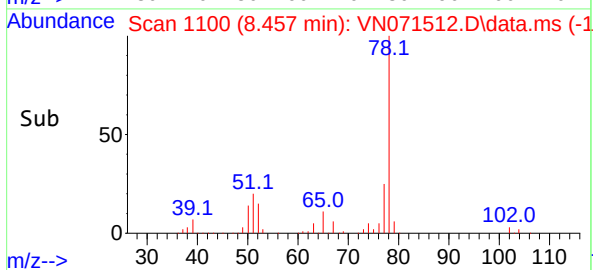
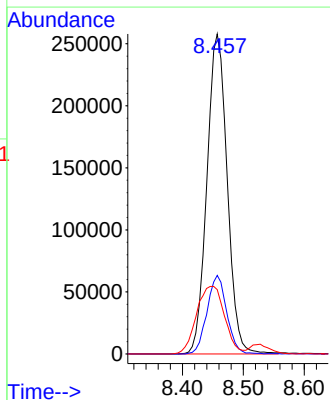
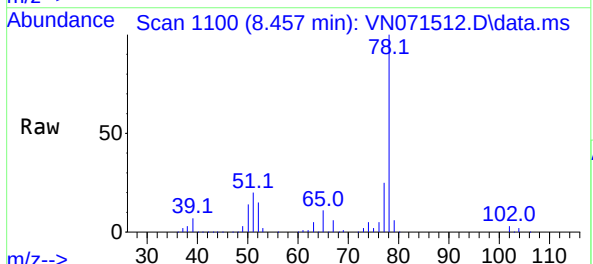
Manual Integrations
APPROVED

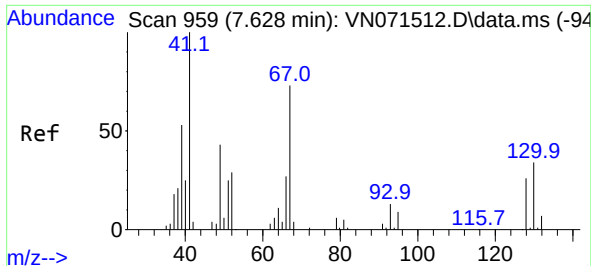
Reviewed By : John Carlone 03/25/2022
Supervised By : Mahesh Dadoda 03/25/2022



#34
Benzene
Concen: 19.999 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN071512.D
Acq: 24 Mar 2022 10:30

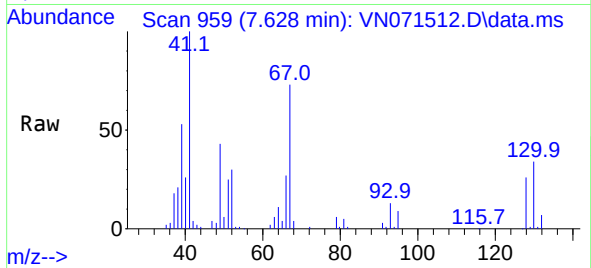
Tgt Ion: 78 Resp: 597428
Ion Ratio Lower Upper
78 100
77 24.6 19.1 28.7
51 19.8 16.0 24.0





#35
Methacrylonitrile
Concen: 16.742 ug/l
RT: 7.628 min Scan# 959
Delta R.T. 0.000 min
Lab File: VN071512.D
Acq: 24 Mar 2022 10:30

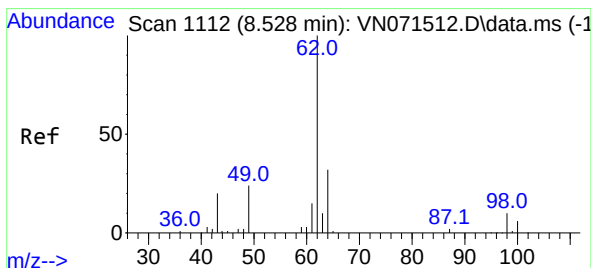
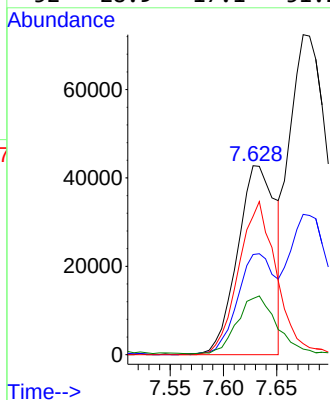
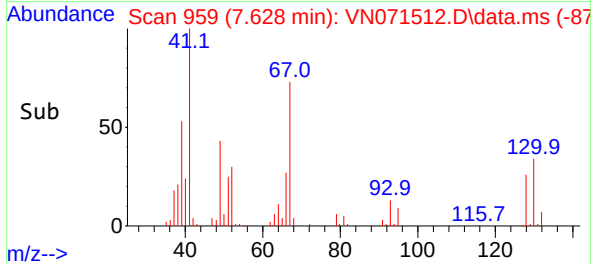
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



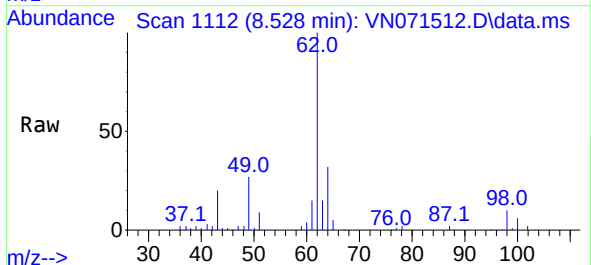
Tgt Ion: 41 Resp: 10637
Ion Ratio Lower Upper
41 100
39 53.0 28.0 83.9
67 73.3 37.7 113.1
52 28.9 17.1 51.2

Manual Integrations
APPROVED

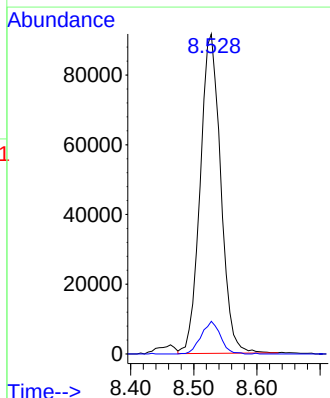
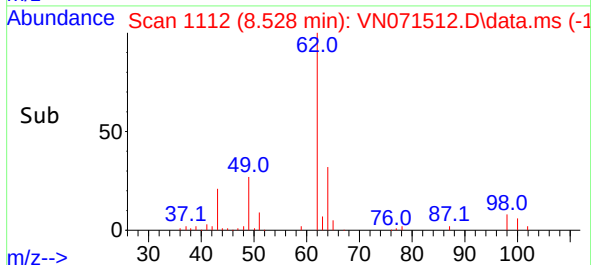
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

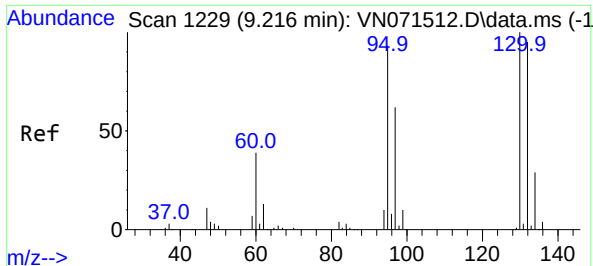


#36
1,2-Dichloroethane
Concen: 19.495 ug/l
RT: 8.528 min Scan# 1112
Delta R.T. 0.000 min
Lab File: VN071512.D
Acq: 24 Mar 2022 10:30



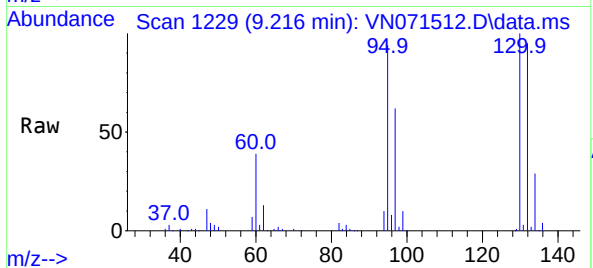
Tgt Ion: 62 Resp: 206723
Ion Ratio Lower Upper
62 100
98 9.6 6.6 10.0





#37
Trichloroethene
Concen: 20.804 ug/l
RT: 9.216 min Scan# 1229
Delta R.T. 0.000 min
Lab File: VN071512.D
Acq: 24 Mar 2022 10:30

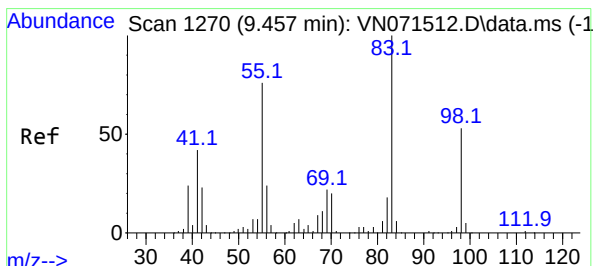
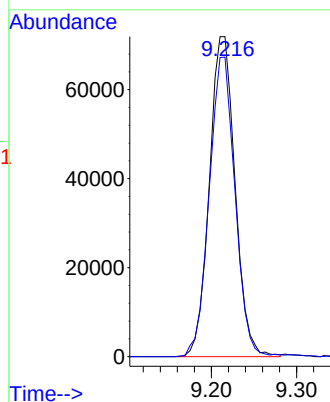
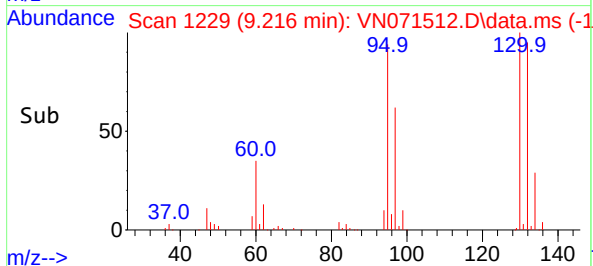
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



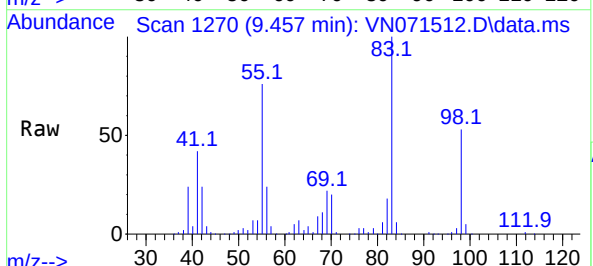
Tgt Ion:130 Resp: 150618
Ion Ratio Lower Upper
130 100
95 93.3 76.6 115.0

Manual Integrations
APPROVED

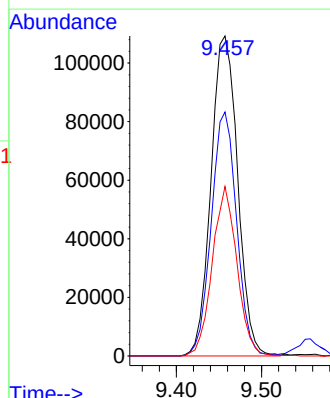
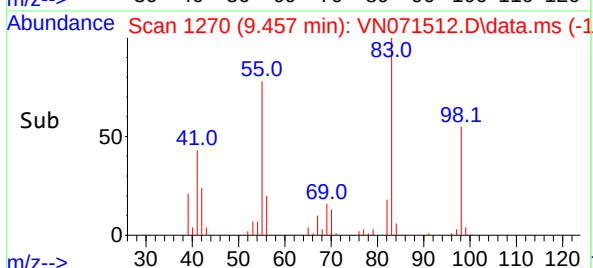
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

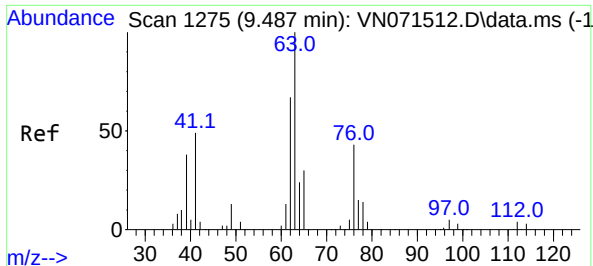


#38
Methylcyclohexane
Concen: 20.305 ug/l
RT: 9.457 min Scan# 1270
Delta R.T. 0.000 min
Lab File: VN071512.D
Acq: 24 Mar 2022 10:30



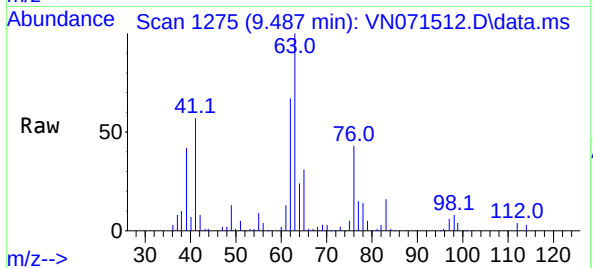
Tgt Ion: 83 Resp: 237969
Ion Ratio Lower Upper
83 100
55 72.6 35.1 105.3
98 48.9 23.4 70.2





#39
1,2-Dichloropropane
Concen: 19.055 ug/l
RT: 9.487 min Scan# 1275
Delta R.T. 0.000 min
Lab File: VN071512.D
Acq: 24 Mar 2022 10:30

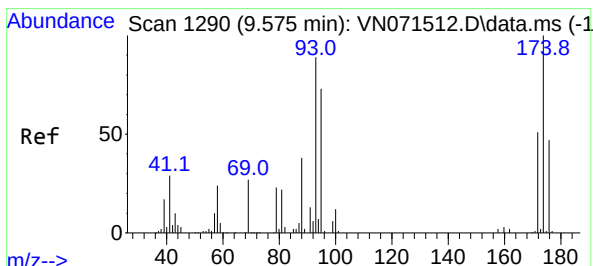
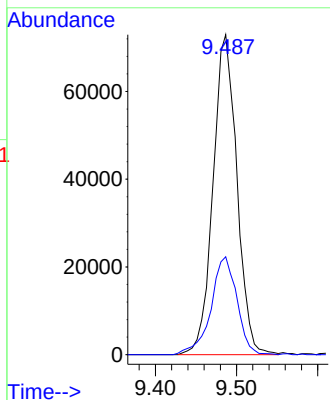
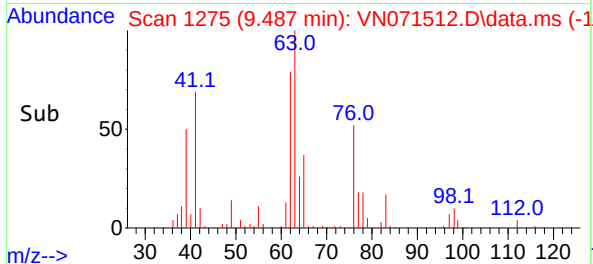
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



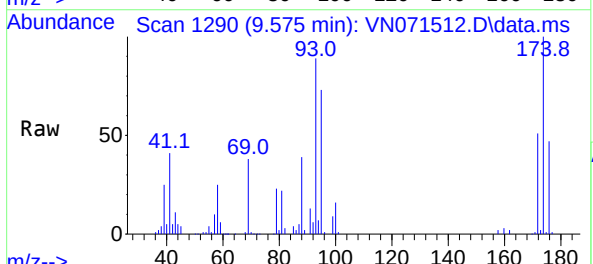
Tgt Ion: 63 Resp: 149070
Ion Ratio Lower Upper
63 100
65 30.6 24.2 36.4

Manual Integrations
APPROVED

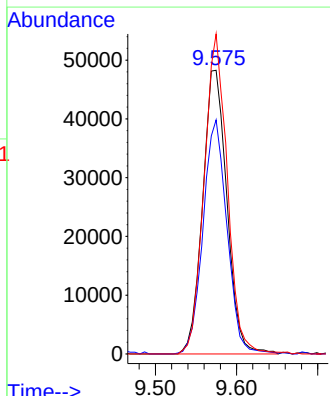
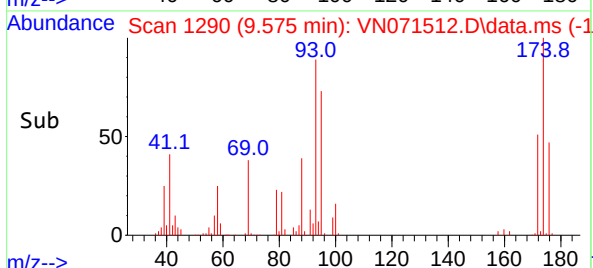
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

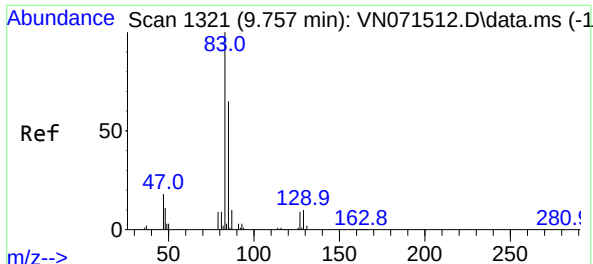


#40
Dibromomethane
Concen: 20.012 ug/l
RT: 9.575 min Scan# 1290
Delta R.T. 0.000 min
Lab File: VN071512.D
Acq: 24 Mar 2022 10:30



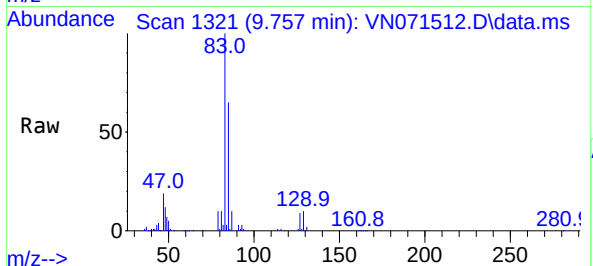
Tgt Ion: 93 Resp: 100418
Ion Ratio Lower Upper
93 100
95 81.4 0.0 168.8
174 107.5 0.0 173.6





#41
Bromodichloromethane
Concen: 19.636 ug/l
RT: 9.757 min Scan# 1321
Delta R.T. 0.000 min
Lab File: VN071512.D
Acq: 24 Mar 2022 10:30

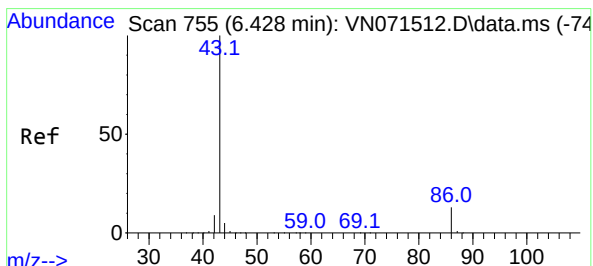
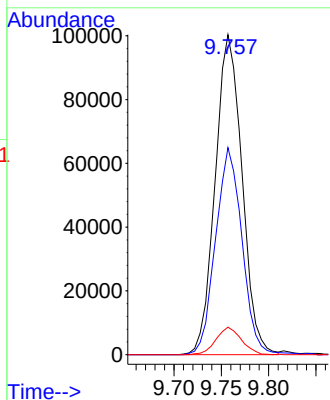
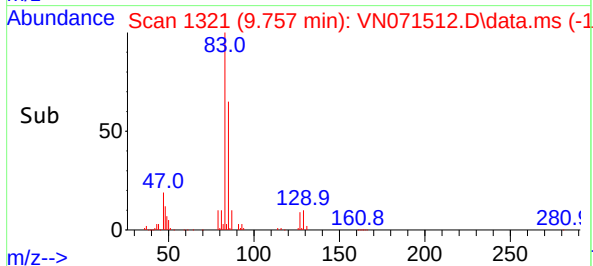
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion: 83 Resp: 198084
Ion Ratio Lower Upper
83 100
85 64.7 54.1 81.1
127 8.6 7.6 11.4

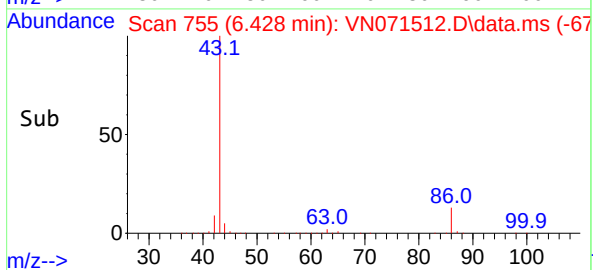
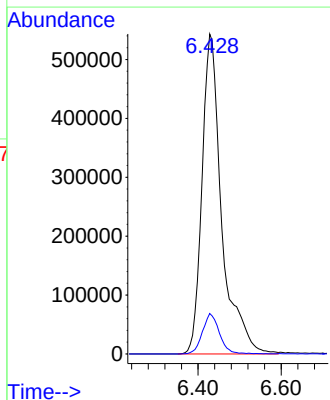
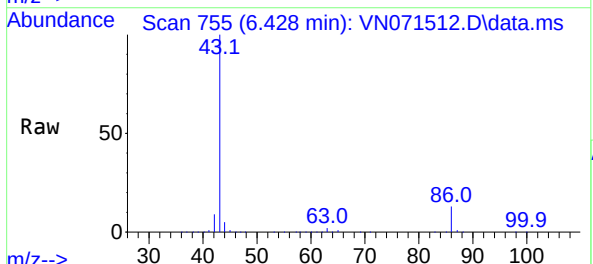
Manual Integrations
APPROVED

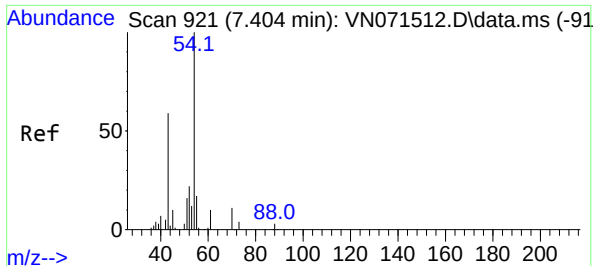
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#42
Vinyl Acetate
Concen: 83.360 ug/l
RT: 6.428 min Scan# 755
Delta R.T. 0.000 min
Lab File: VN071512.D
Acq: 24 Mar 2022 10:30

Tgt Ion: 43 Resp: 1791288
Ion Ratio Lower Upper
43 100
86 10.7 7.5 11.3





#43

Ethyl Acetate

Concen: 16.361 ug/l

RT: 7.404 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN071512.D

Acq: 24 Mar 2022 10:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

Tgt Ion: 43 Resp: 208538

Ion Ratio Lower Upper

43 100

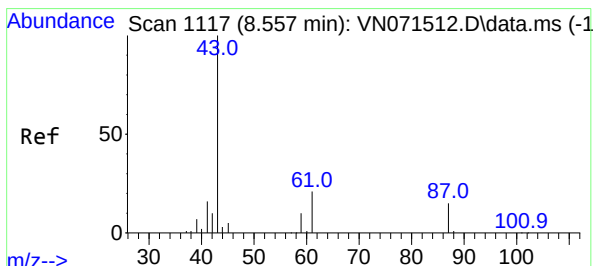
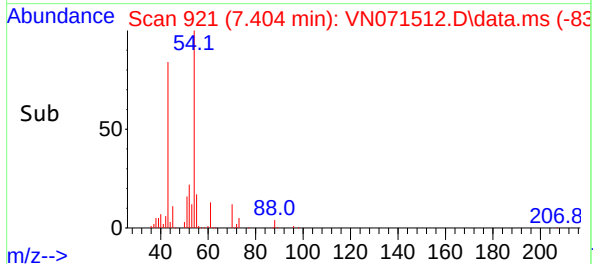
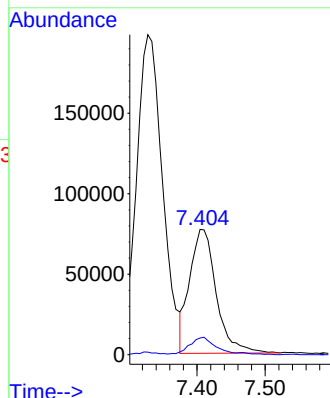
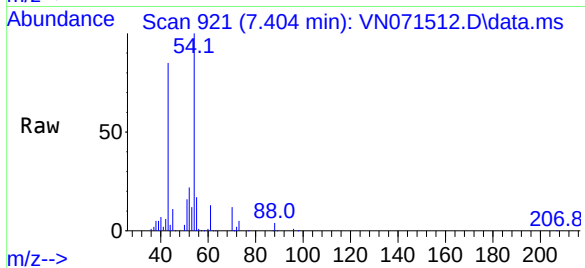
45 13.5 10.6 16.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/25/2022

Supervised By :Mahesh Dadoda 03/25/2022



#44

Isopropyl Acetate

Concen: 15.580 ug/l

RT: 8.557 min Scan# 1117

Delta R.T. 0.000 min

Lab File: VN071512.D

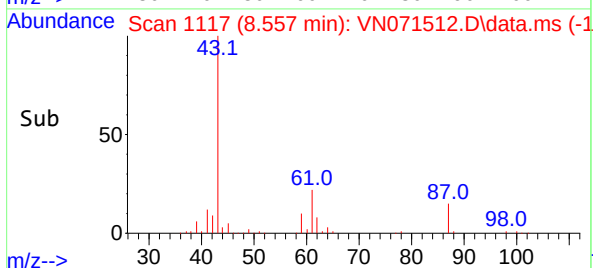
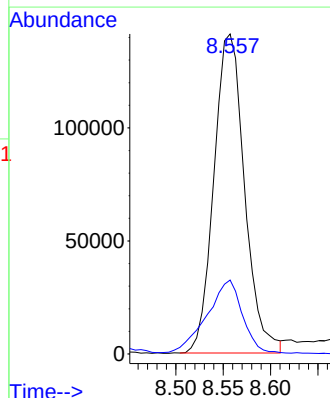
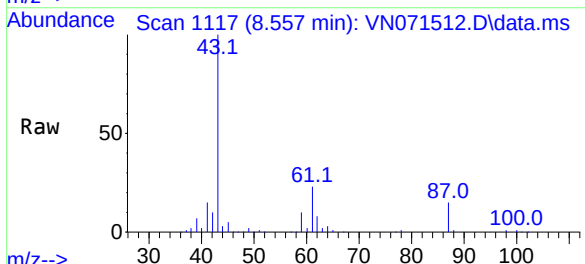
Acq: 24 Mar 2022 10:30

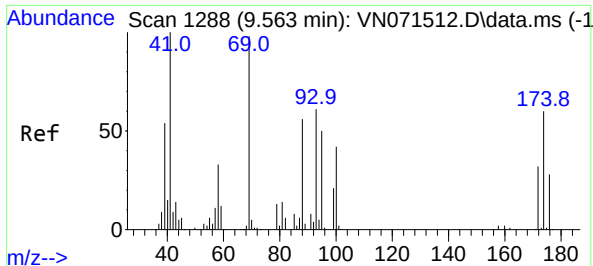
Tgt Ion: 43 Resp: 317887

Ion Ratio Lower Upper

43 100

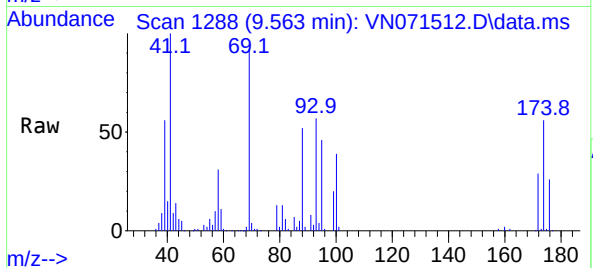
61 27.5 20.1 30.1





#45
1,4-Dioxane
Concen: 364.761 ug/l
RT: 9.563 min Scan# 1288
Delta R.T. 0.000 min
Lab File: VN071512.D
Acq: 24 Mar 2022 10:30

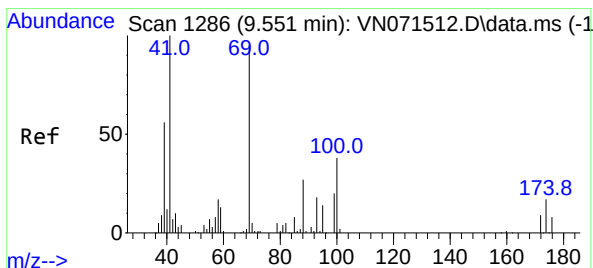
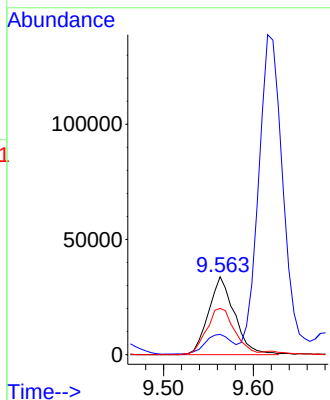
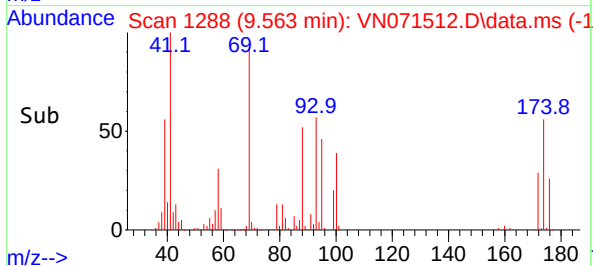
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



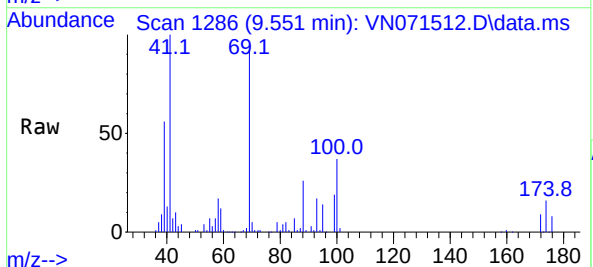
Tgt Ion: 88 Resp: 67924
Ion Ratio Lower Upper
88 100
43 25.8 25.0 37.6
58 64.0 49.4 74.2

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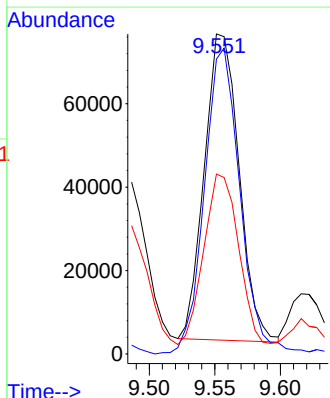
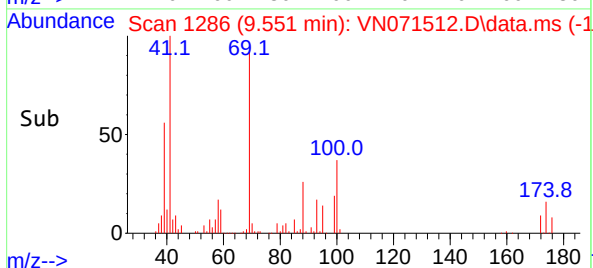
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

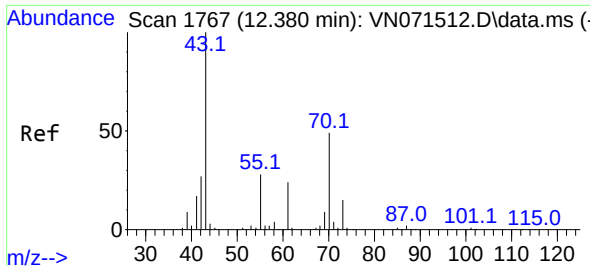


#46
Methyl methacrylate
Concen: 14.962 ug/l
RT: 9.551 min Scan# 1286
Delta R.T. 0.000 min
Lab File: VN071512.D
Acq: 24 Mar 2022 10:30



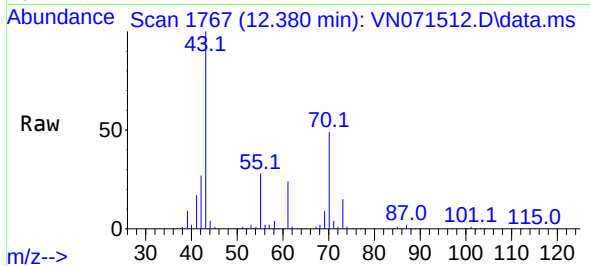
Tgt Ion: 41 Resp: 135461
Ion Ratio Lower Upper
41 100
69 94.7 44.4 133.2
39 55.9 39.9 119.6





#47
n-amyl acetate
Concen: 14.632 ug/l
RT: 12.380 min Scan# 1767
Delta R.T. 0.000 min
Lab File: VN071512.D
Acq: 24 Mar 2022 10:30

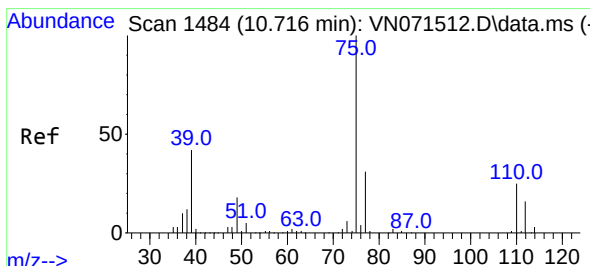
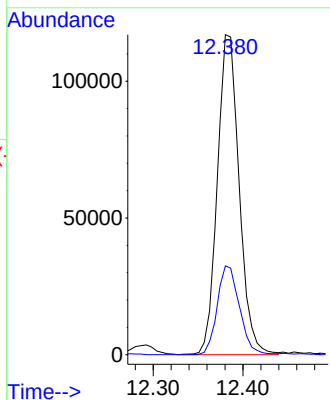
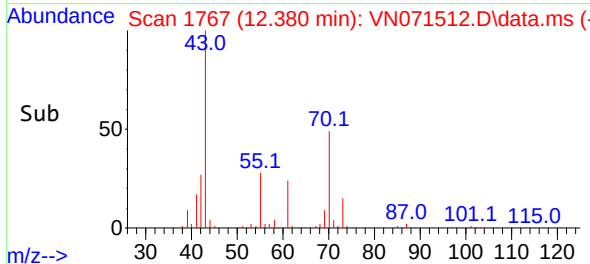
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



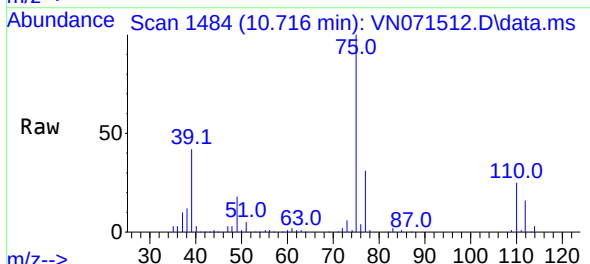
Tgt Ion: 43 Resp: 197728
Ion Ratio Lower Upper
43 100
55 28.3 19.0 28.6

Manual Integrations
APPROVED

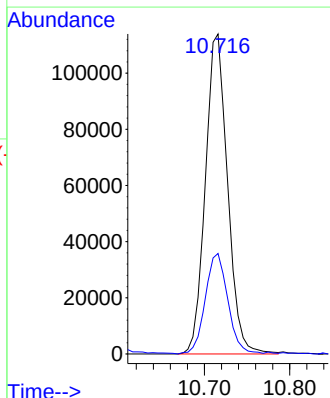
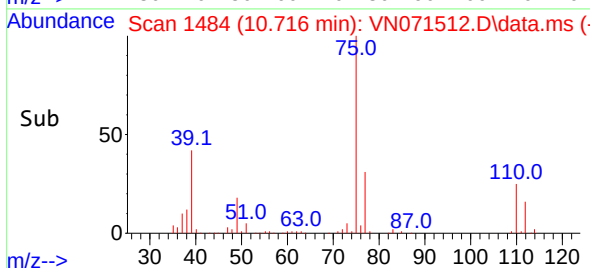
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

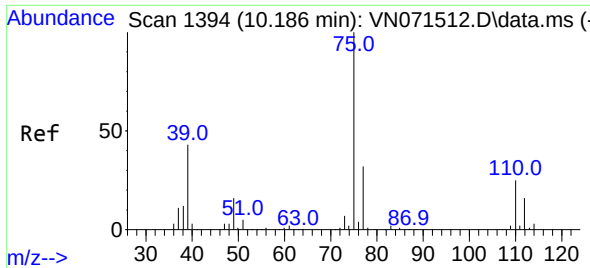


#48
t-1,3-Dichloropropene
Concen: 18.773 ug/l
RT: 10.716 min Scan# 1484
Delta R.T. 0.000 min
Lab File: VN071512.D
Acq: 24 Mar 2022 10:30



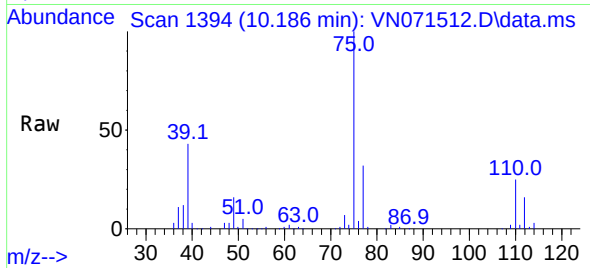
Tgt Ion: 75 Resp: 205927
Ion Ratio Lower Upper
75 100
77 31.4 25.3 37.9





#49
cis-1,3-Dichloropropene
Concen: 19.448 ug/l
RT: 10.186 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VN071512.D
Acq: 24 Mar 2022 10:30

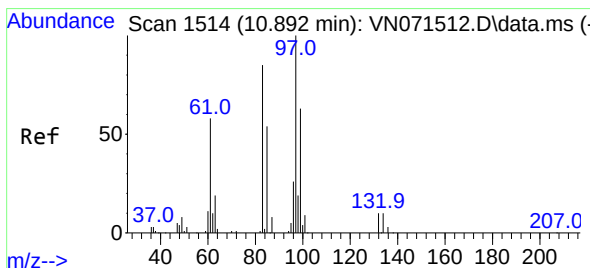
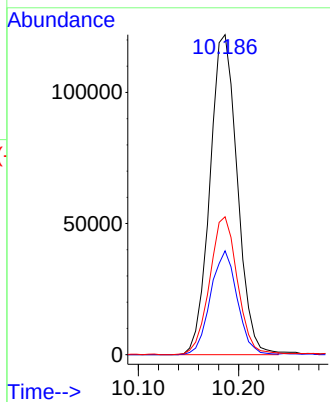
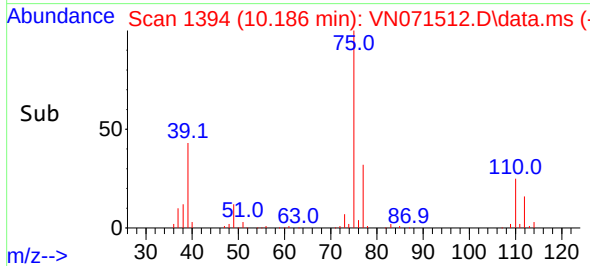
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



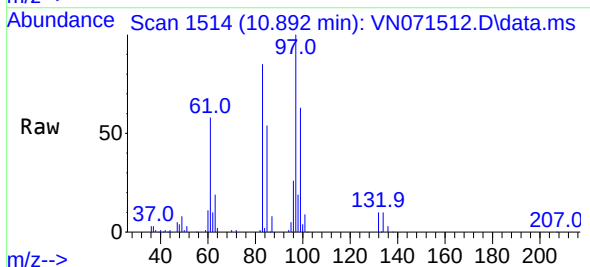
Tgt Ion: 75 Resp: 23163
Ion Ratio Lower Upper
75 100
77 32.5 25.3 37.9
39 43.0 46.2 69.4

Manual Integrations
APPROVED

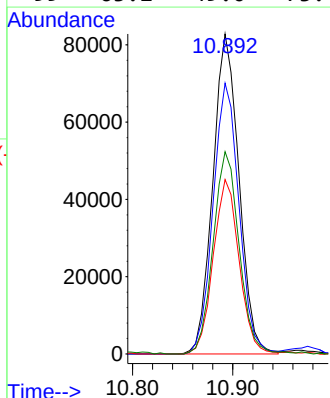
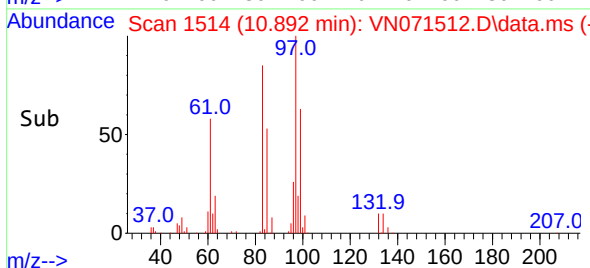
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

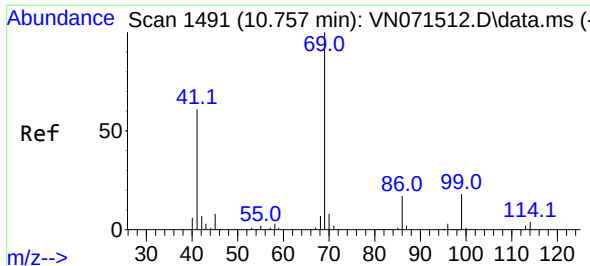


#50
1,1,2-Trichloroethane
Concen: 20.336 ug/l
RT: 10.892 min Scan# 1514
Delta R.T. 0.000 min
Lab File: VN071512.D
Acq: 24 Mar 2022 10:30



Tgt Ion: 97 Resp: 149843
Ion Ratio Lower Upper
97 100
83 84.6 67.2 100.8
85 54.5 43.0 64.4
99 63.2 49.0 73.4





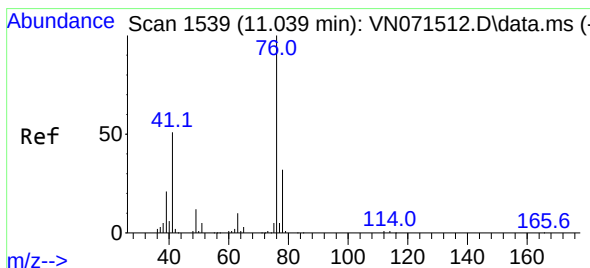
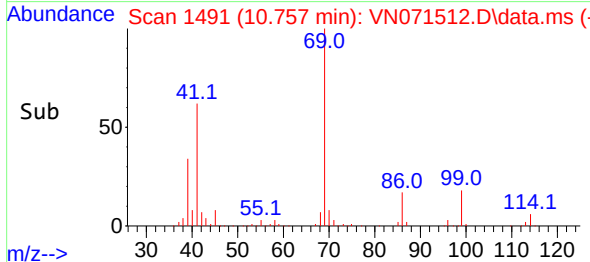
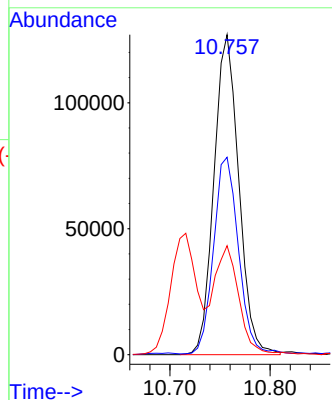
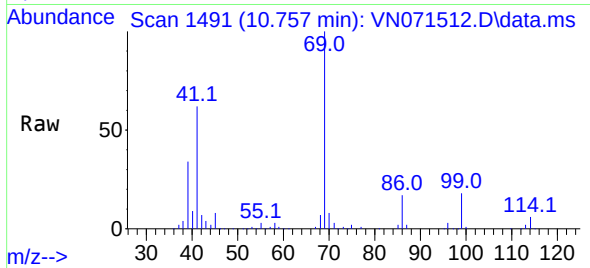
#51
Ethyl methacrylate
Concen: 17.695 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. 0.000 min
Lab File: VN071512.D
Acq: 24 Mar 2022 10:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 69 Resp: 218514
Ion Ratio Lower Upper
69 100
41 61.4 33.0 98.9
39 33.2 25.4 76.4

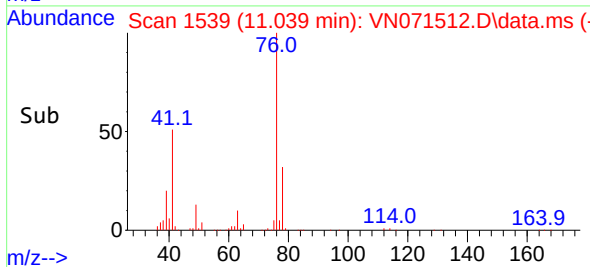
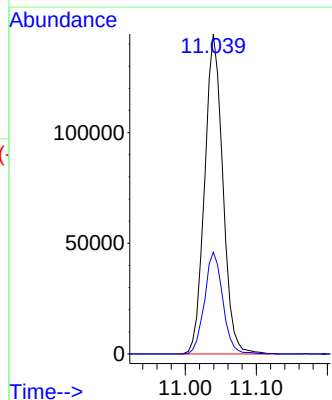
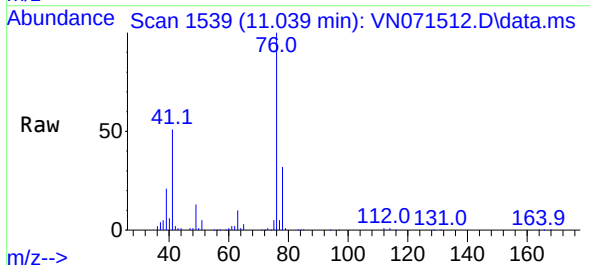
Manual Integrations
APPROVED

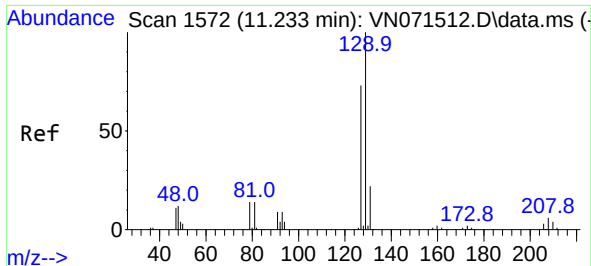
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#52
1,3-Dichloropropane
Concen: 19.643 ug/l
RT: 11.039 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VN071512.D
Acq: 24 Mar 2022 10:30

Tgt Ion: 76 Resp: 257790
Ion Ratio Lower Upper
76 100
78 31.7 0.0 65.4





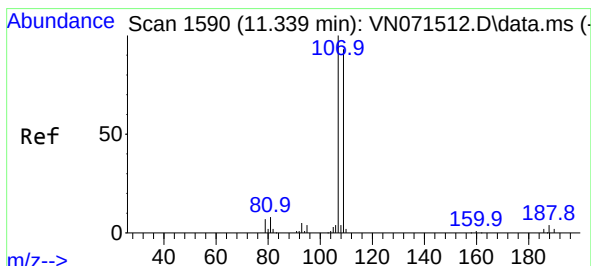
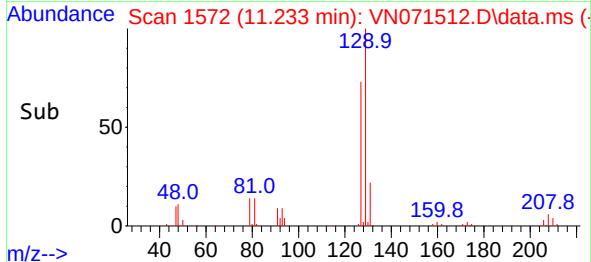
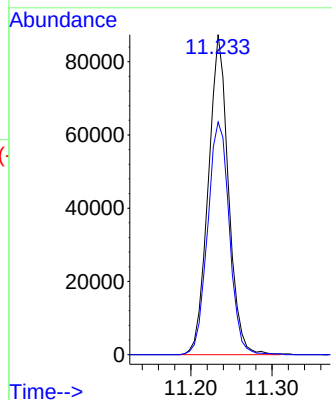
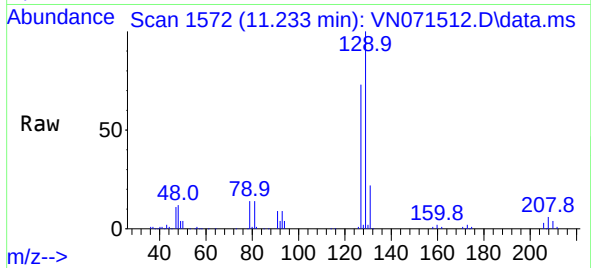
#53
Dibromochloromethane
Concen: 19.740 ug/l
RT: 11.233 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN071512.D
Acq: 24 Mar 2022 10:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion:129 Resp: 150700
Ion Ratio Lower Upper
129 100
127 78.3 39.0 117.0

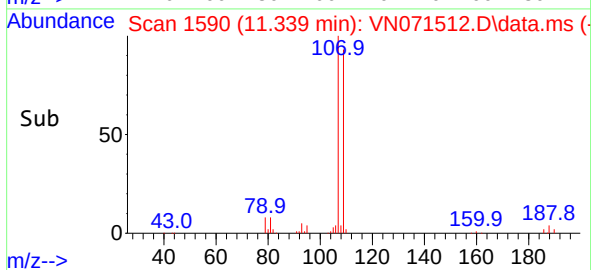
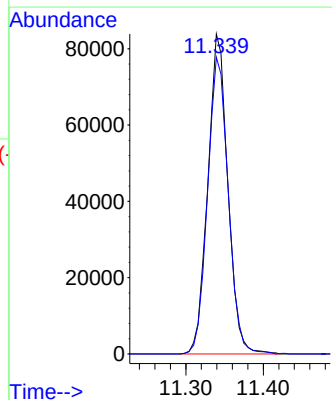
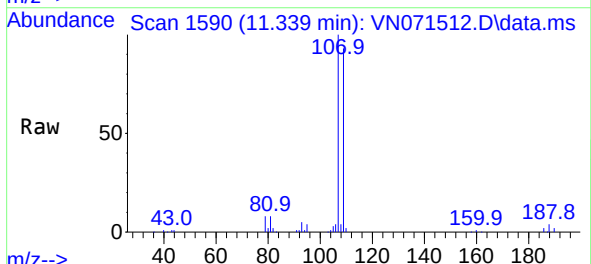
Manual Integrations
APPROVED

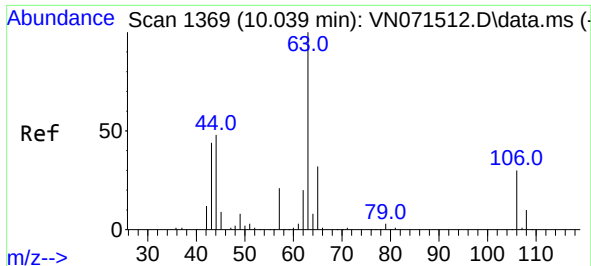
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#54
1,2-Dibromoethane
Concen: 19.789 ug/l
RT: 11.339 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VN071512.D
Acq: 24 Mar 2022 10:30

Tgt Ion:107 Resp: 150538
Ion Ratio Lower Upper
107 100
109 95.8 72.8 109.2





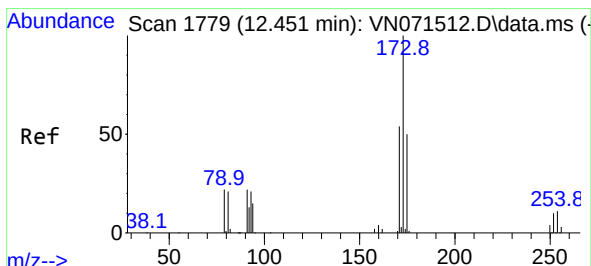
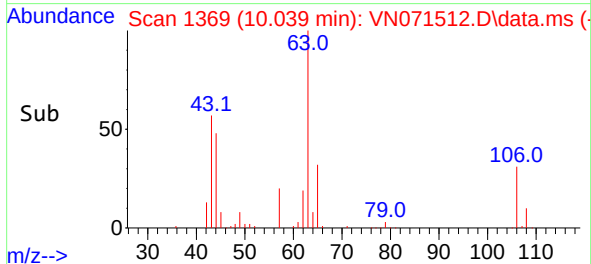
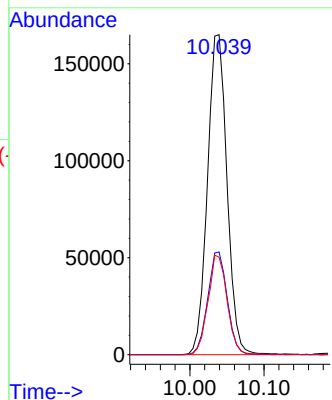
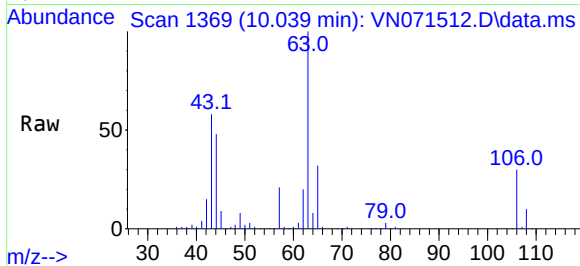
#55
2-Chloroethyl vinyl ether
Concen: 80.725 ug/l
RT: 10.039 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VN071512.D
Acq: 24 Mar 2022 10:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 63 Resp: 302172
Ion Ratio Lower Upper
63 100
65 32.0 25.4 38.0
106 30.3 23.2 34.8

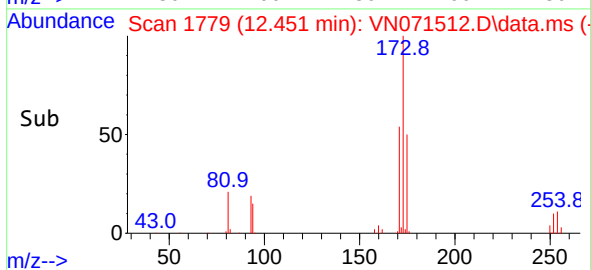
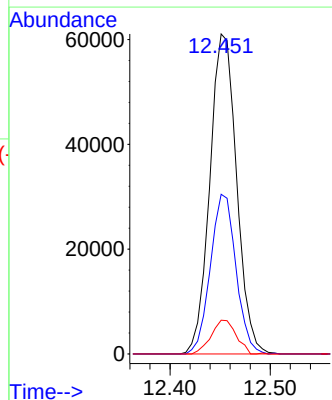
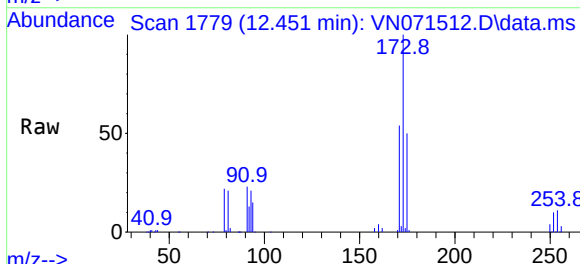
Manual Integrations
APPROVED

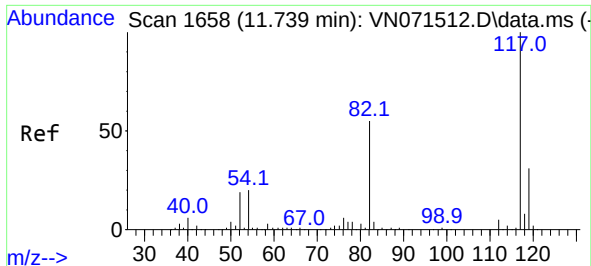
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#56
Bromoform
Concen: 19.203 ug/l
RT: 12.451 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VN071512.D
Acq: 24 Mar 2022 10:30

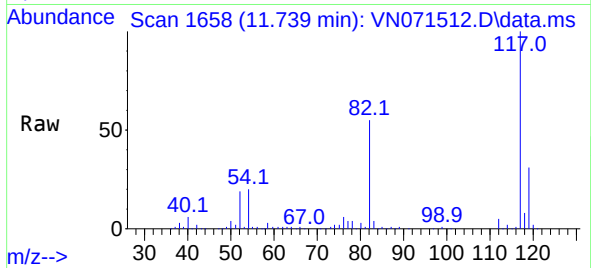
Tgt Ion:173 Resp: 113469
Ion Ratio Lower Upper
173 100
175 47.6 38.6 58.0
254 9.8 0.0 0.0#





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN071512.D
Acq: 24 Mar 2022 10:30

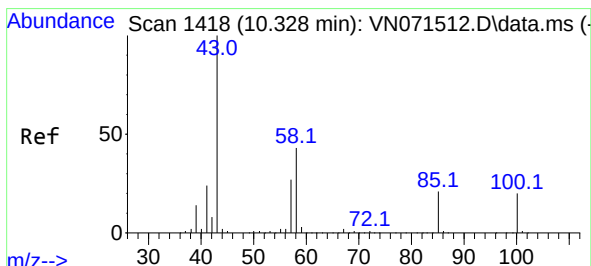
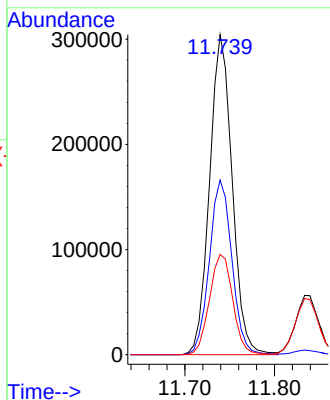
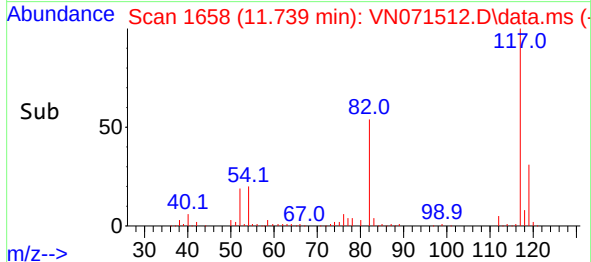
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



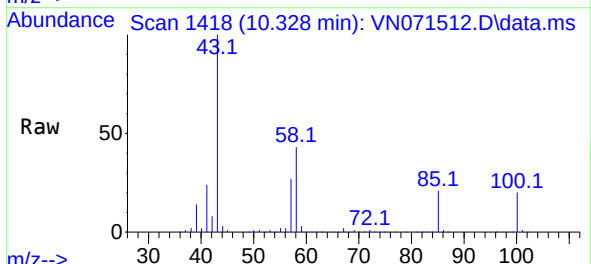
Tgt Ion: 117 Resp: 532478
Ion Ratio Lower Upper
117 100
82 54.5 43.6 65.4
119 32.3 25.8 38.6

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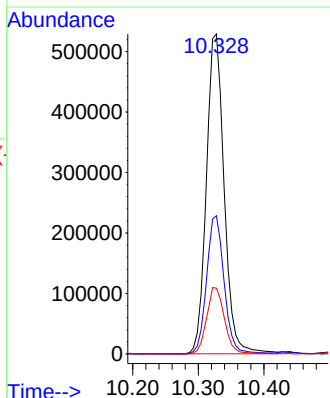
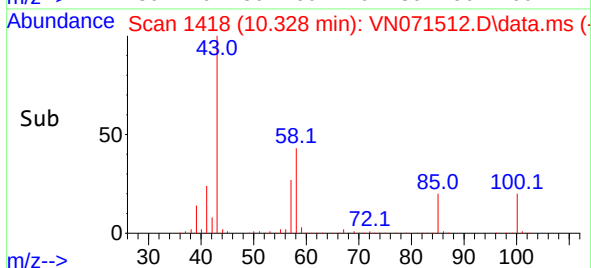
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

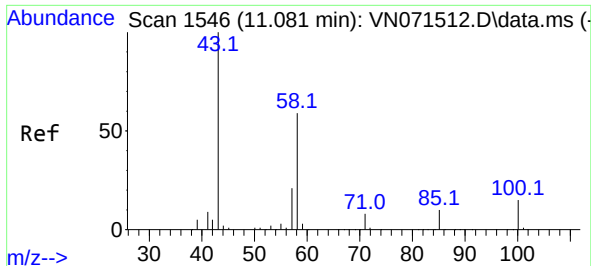


#58
4-Methyl-2-Pentanone
Concen: 81.990 ug/l
RT: 10.328 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VN071512.D
Acq: 24 Mar 2022 10:30



Tgt Ion: 43 Resp: 999370
Ion Ratio Lower Upper
43 100
58 42.7 30.0 45.0
85 20.8 15.0 22.6





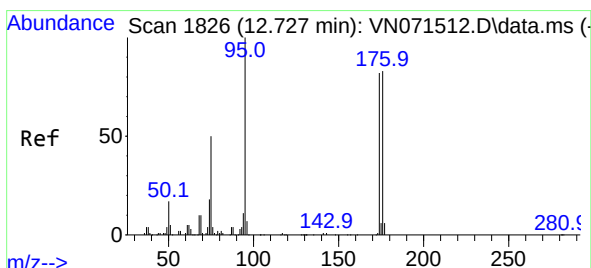
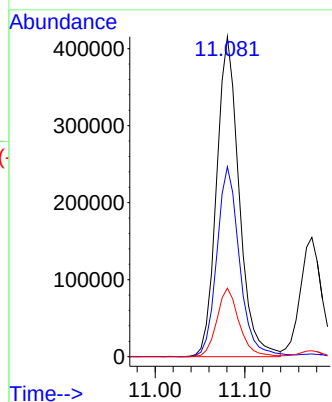
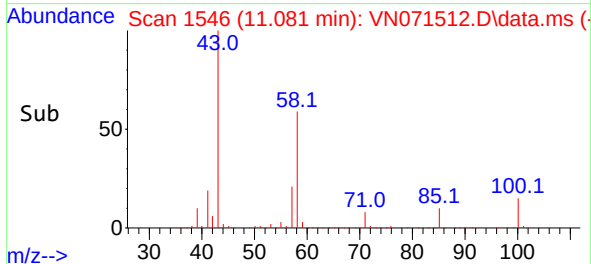
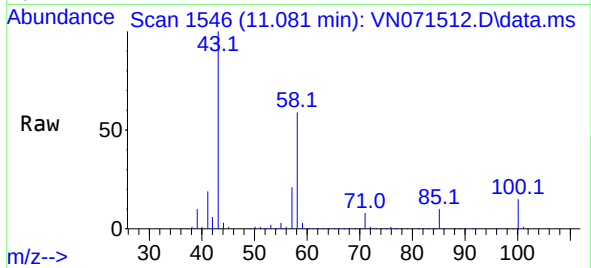
#59
2-Hexanone
Concen: 80.154 ug/l
RT: 11.081 min Scan# 1546
Delta R.T. 0.000 min
Lab File: VN071512.D
Acq: 24 Mar 2022 10:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 43 Resp: 725604
Ion Ratio Lower Upper
43 100
58 59.7 42.2 63.2
57 21.1 15.0 22.4

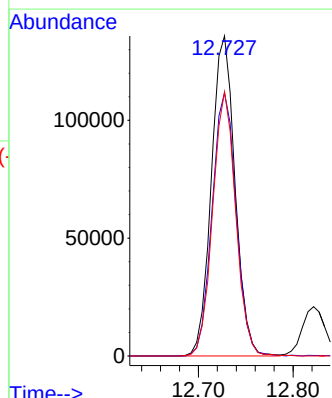
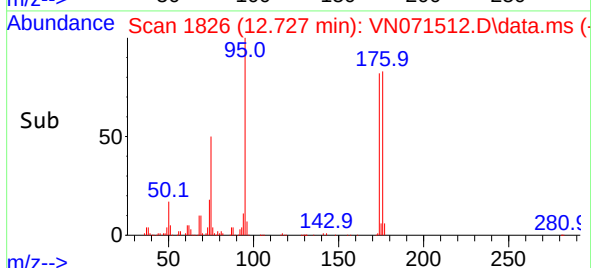
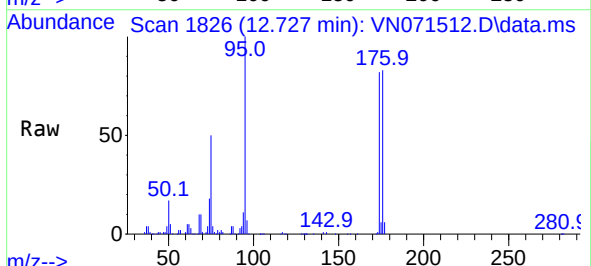
Manual Integrations
APPROVED

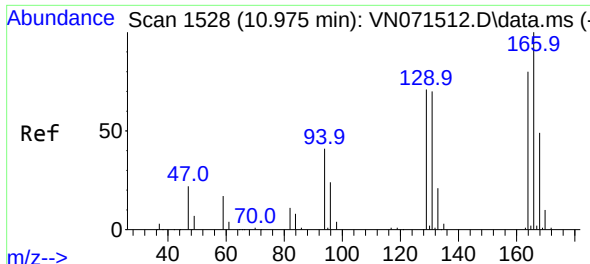
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#60
4-Bromofluorobenzene
Concen: 28.791 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071512.D
Acq: 24 Mar 2022 10:30

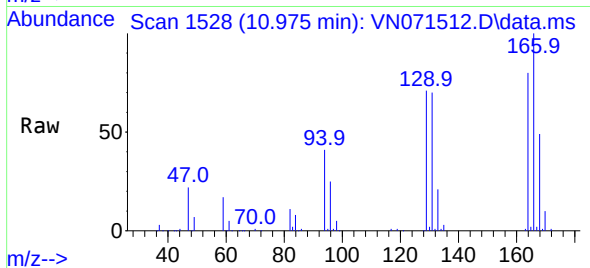
Tgt Ion: 95 Resp: 235181
Ion Ratio Lower Upper
95 100
174 83.7 62.9 94.3
176 80.4 61.0 91.4





#61
Tetrachloroethene
Concen: 22.003 ug/l
RT: 10.975 min Scan# 1528
Delta R.T. 0.000 min
Lab File: VN071512.D
Acq: 24 Mar 2022 10:30

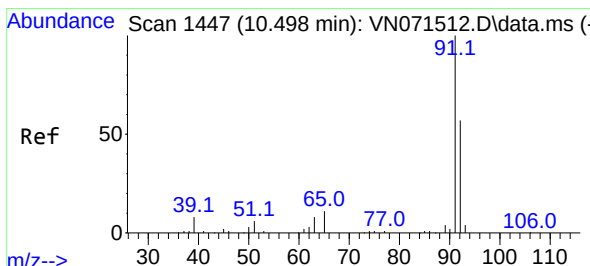
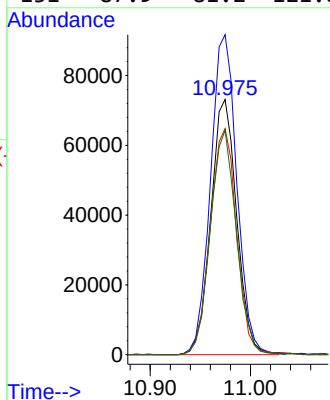
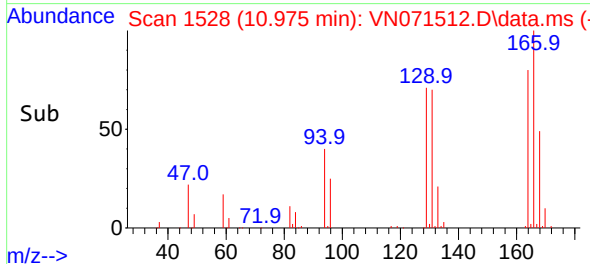
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



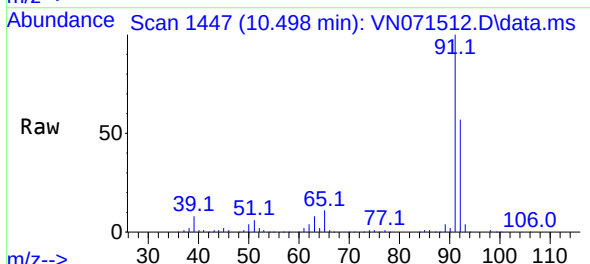
Tgt Ion:164 Resp: 131279
Ion Ratio Lower Upper
164 100
166 125.4 105.8 158.8
129 88.6 82.5 123.7
131 87.9 81.2 121.8

Manual Integrations
APPROVED

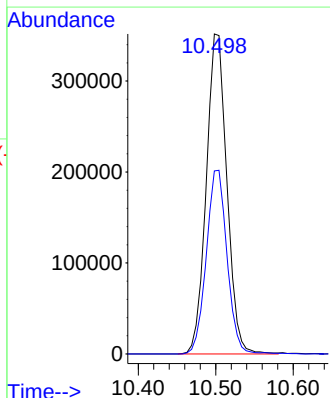
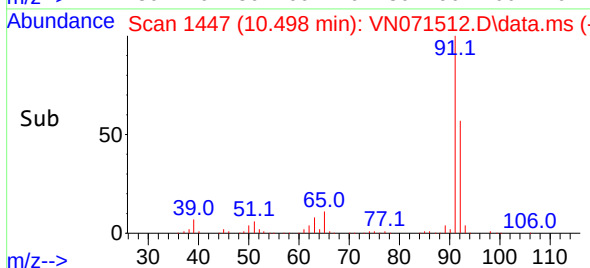
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

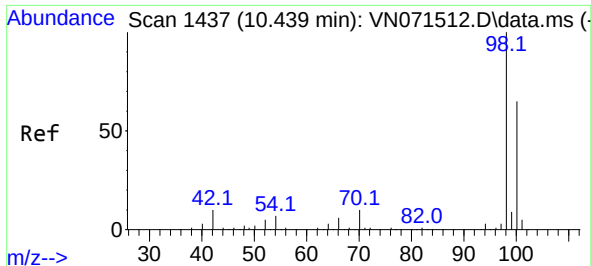


#62
Toluene
Concen: 21.163 ug/l
RT: 10.498 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN071512.D
Acq: 24 Mar 2022 10:30



Tgt Ion: 91 Resp: 650569
Ion Ratio Lower Upper
91 100
92 57.5 44.6 67.0





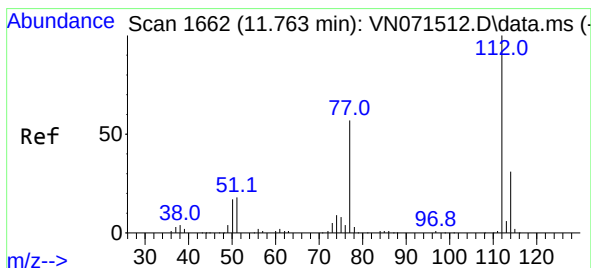
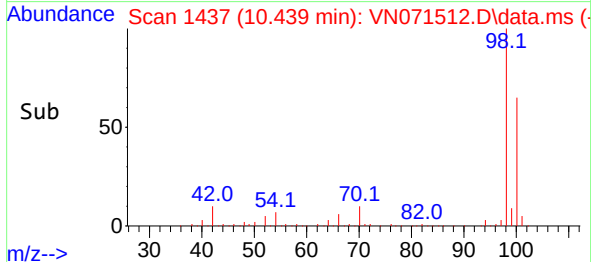
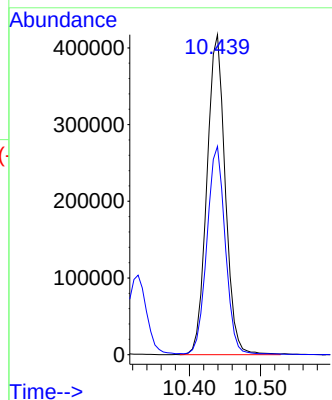
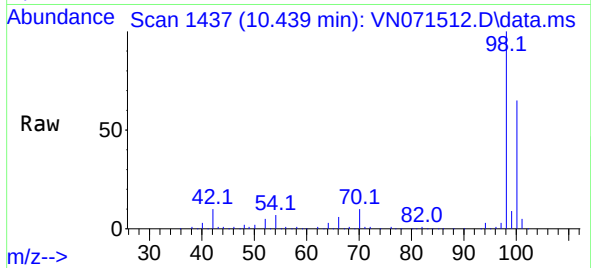
#63
Toluene-d8
Concen: 30.594 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071512.D
Acq: 24 Mar 2022 10:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 98 Resp: 749579
Ion Ratio Lower Upper
98 100
100 64.4 50.6 76.0

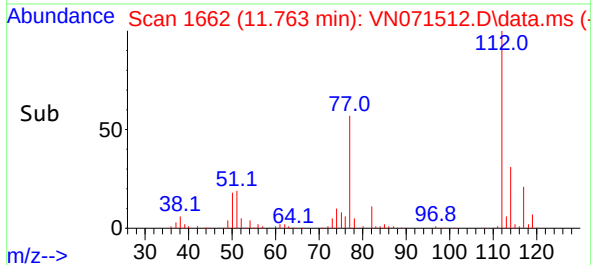
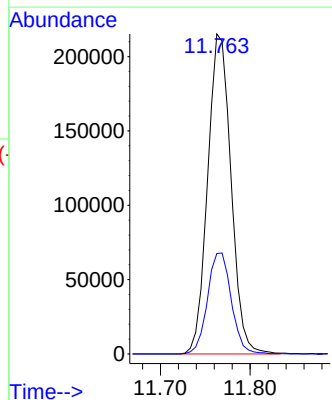
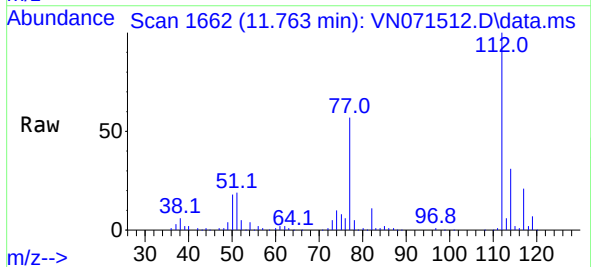
Manual Integrations
APPROVED

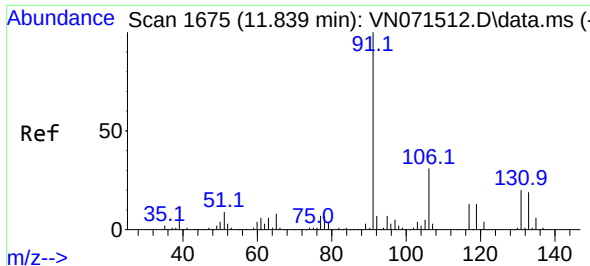
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#64
Chlorobenzene
Concen: 20.822 ug/l
RT: 11.763 min Scan# 1662
Delta R.T. 0.000 min
Lab File: VN071512.D
Acq: 24 Mar 2022 10:30

Tgt Ion:112 Resp: 389029
Ion Ratio Lower Upper
112 100
114 31.4 25.8 38.6





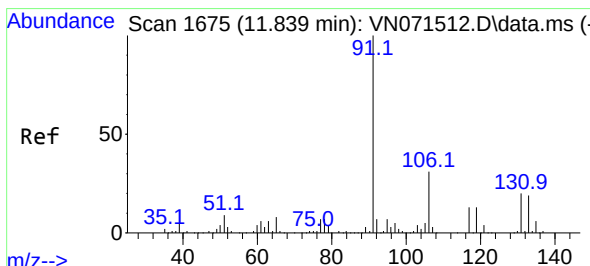
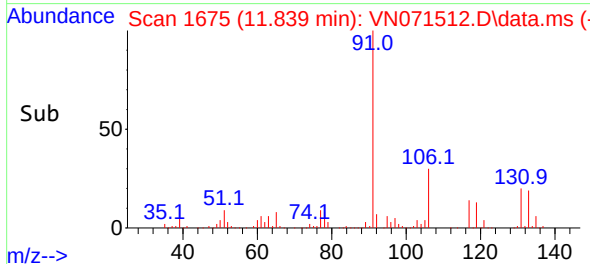
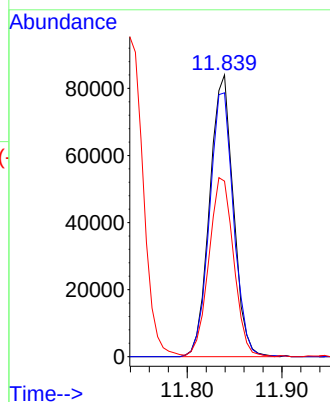
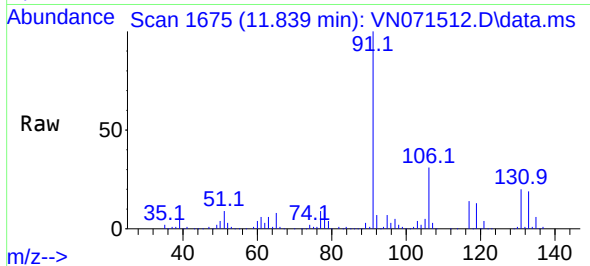
#65
1,1,1,2-Tetrachloroethane
Concen: 21.105 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN071512.D
Acq: 24 Mar 2022 10:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion:131 Resp: 14626
Ion Ratio Lower Upper
131 100
133 95.1 0.0 191.2
119 66.4 0.0 128.8

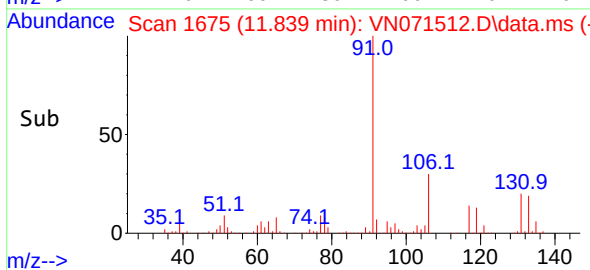
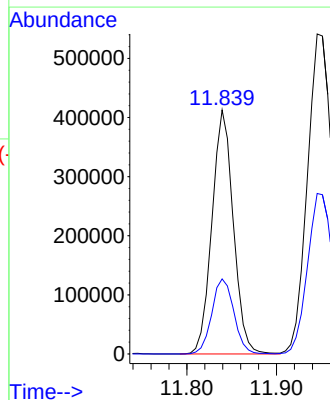
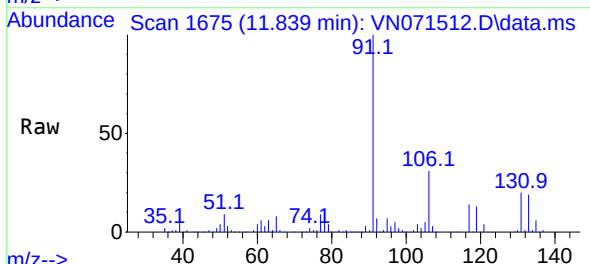
Manual Integrations
APPROVED

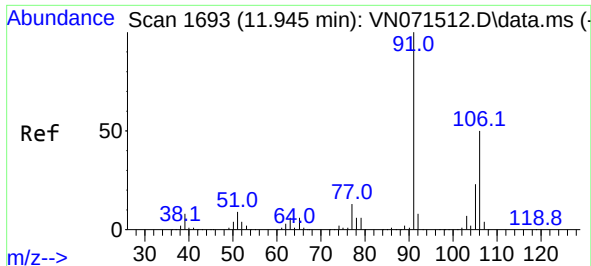
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#66
Ethyl Benzene
Concen: 20.235 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN071512.D
Acq: 24 Mar 2022 10:30

Tgt Ion: 91 Resp: 681892
Ion Ratio Lower Upper
91 100
106 30.8 24.0 36.0





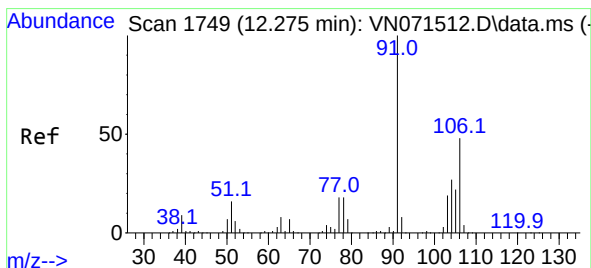
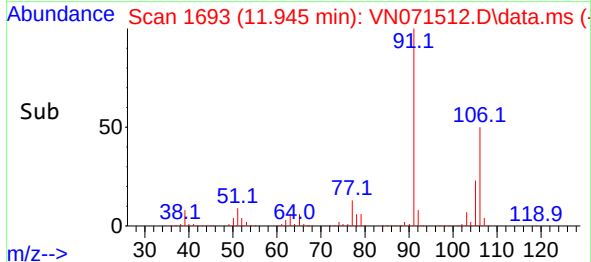
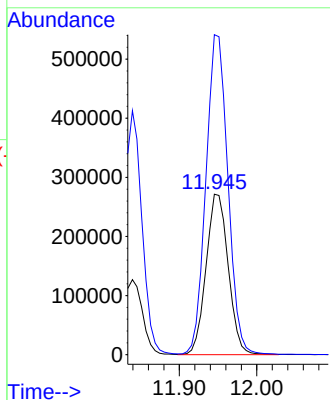
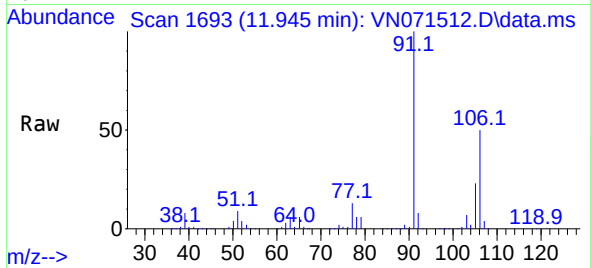
#67
m/p-Xylenes
Concen: 42.184 ug/l
RT: 11.945 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VN071512.D
Acq: 24 Mar 2022 10:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion:106 Resp: 540550
Ion Ratio Lower Upper
106 100
91 197.0 162.9 244.3

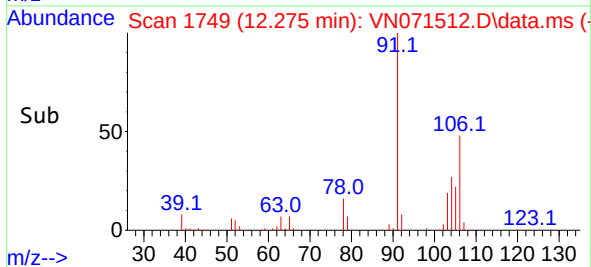
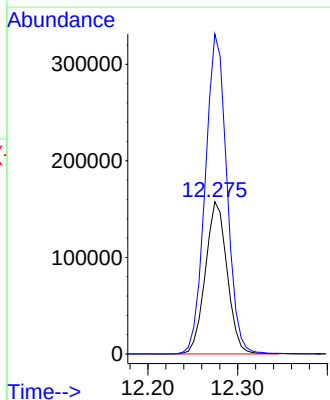
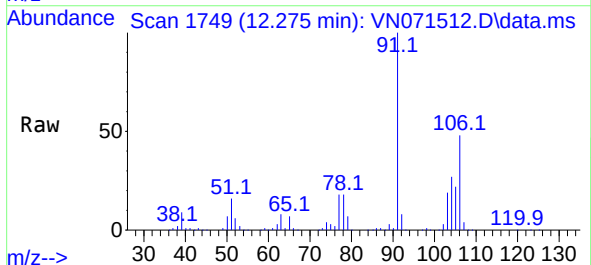
Manual Integrations
APPROVED

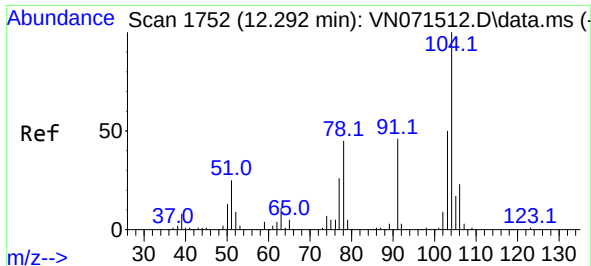
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#68
o-Xylene
Concen: 20.756 ug/l
RT: 12.275 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VN071512.D
Acq: 24 Mar 2022 10:30

Tgt Ion:106 Resp: 265681
Ion Ratio Lower Upper
106 100
91 208.7 107.7 323.1





#69

Styrene

Concen: 20.115 ug/l

RT: 12.292 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN071512.D

Acq: 24 Mar 2022 10:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

Tgt Ion:104 Resp: 405874

Ion Ratio Lower Upper

104 100

78 49.5 40.7 61.1

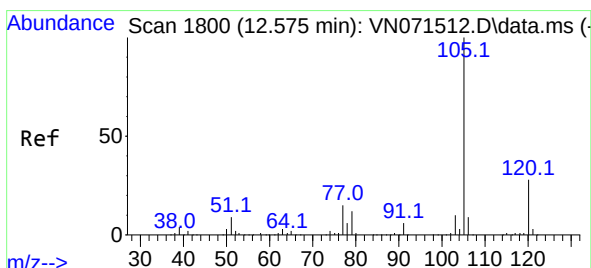
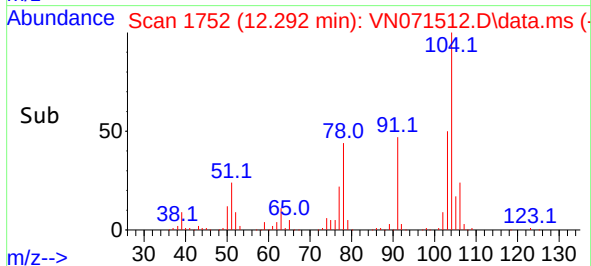
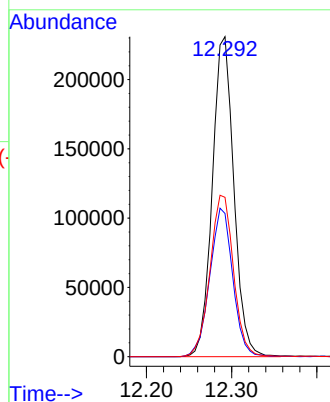
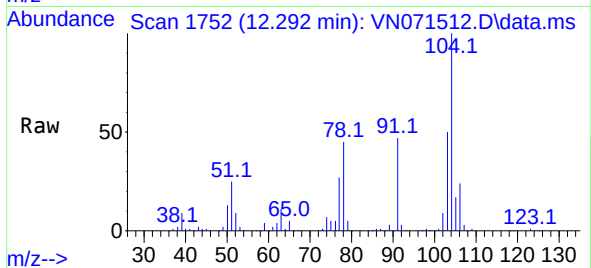
103 55.0 45.8 68.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/25/2022

Supervised By :Mahesh Dadoda 03/25/2022



#70

Isopropylbenzene

Concen: 20.665 ug/l

RT: 12.575 min Scan# 1800

Delta R.T. 0.000 min

Lab File: VN071512.D

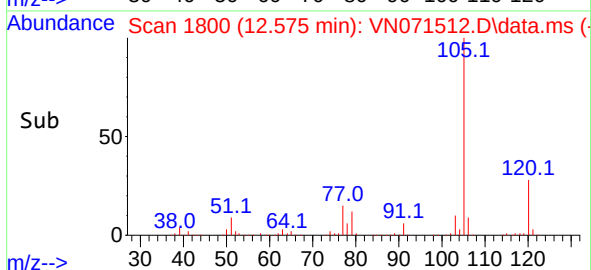
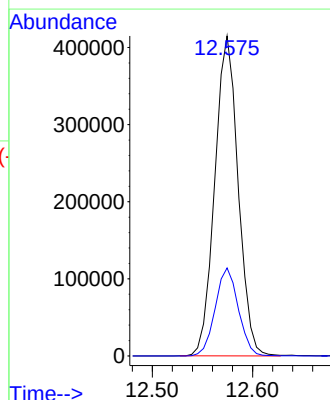
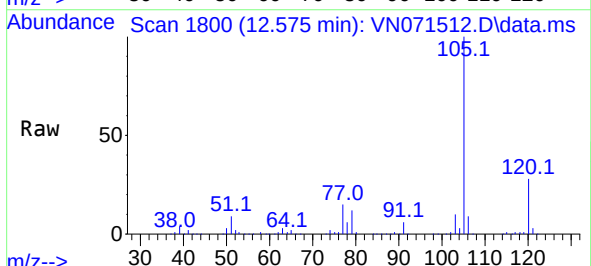
Acq: 24 Mar 2022 10:30

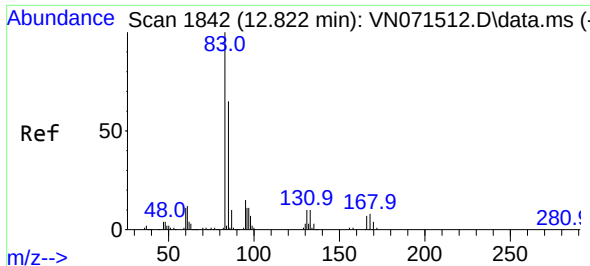
Tgt Ion:105 Resp: 670445

Ion Ratio Lower Upper

105 100

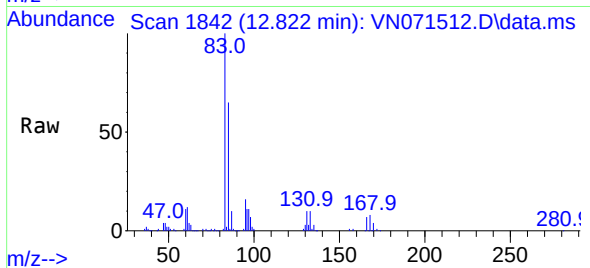
120 27.2 18.3 34.1





#71
1,1,2,2-Tetrachloroethane
Concen: 20.232 ug/l
RT: 12.822 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VN071512.D
Acq: 24 Mar 2022 10:30

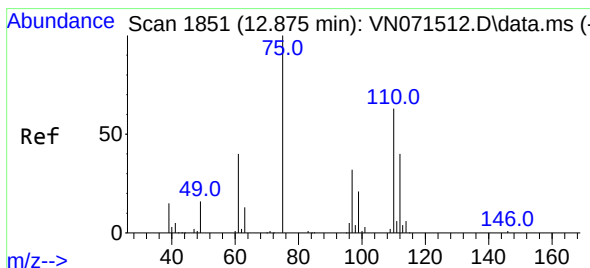
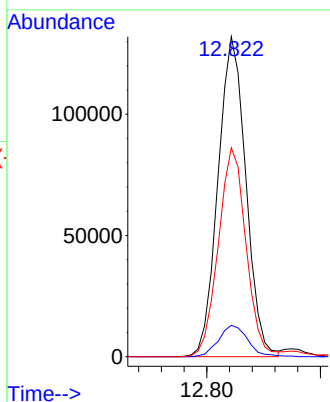
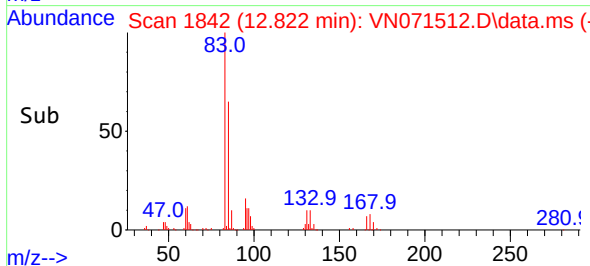
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



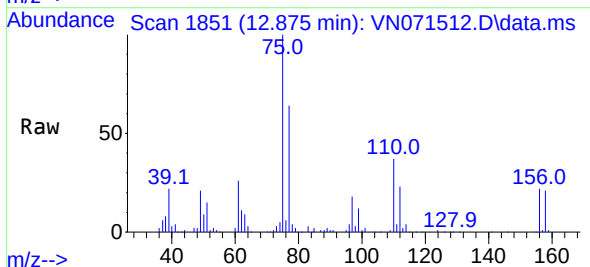
Tgt Ion: 83 Resp: 224898
Ion Ratio Lower Upper
83 100
131 10.3 5.1 15.3
85 64.7 33.1 99.2

Manual Integrations
APPROVED

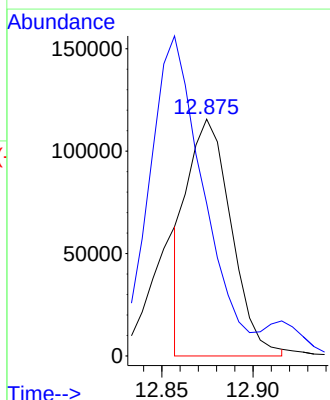
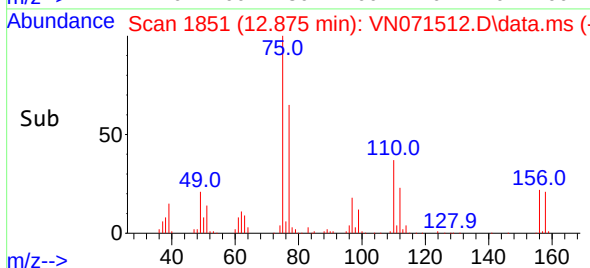
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

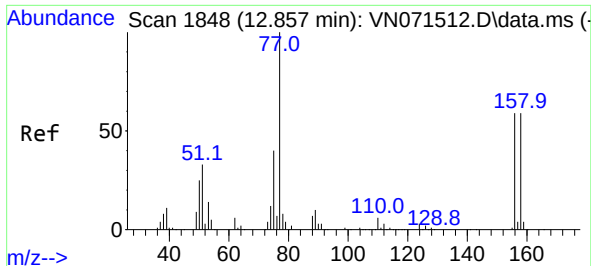


#72
1,2,3-Trichloropropane
Concen: 19.053 ug/l m
RT: 12.875 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN071512.D
Acq: 24 Mar 2022 10:30



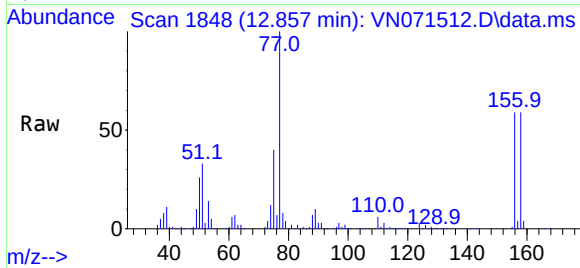
Tgt Ion: 75 Resp: 194593
Ion Ratio Lower Upper
75 100
77 163.9 0.0 378.0





#73
Bromobenzene
Concen: 20.754 ug/l
RT: 12.857 min Scan# 1848
Delta R.T. 0.000 min
Lab File: VN071512.D
Acq: 24 Mar 2022 10:30

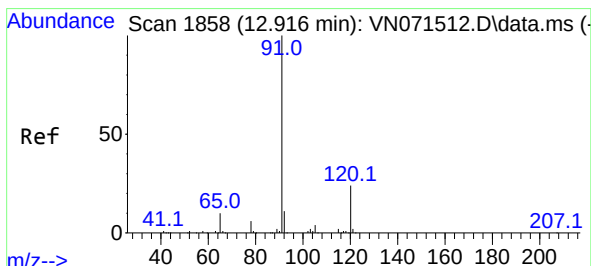
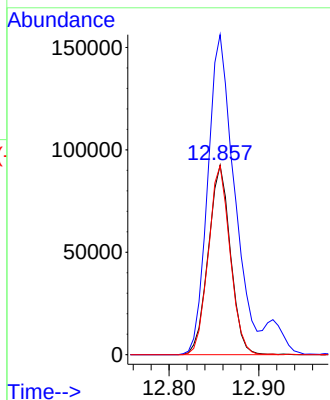
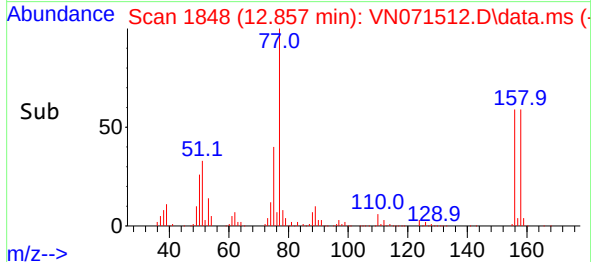
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



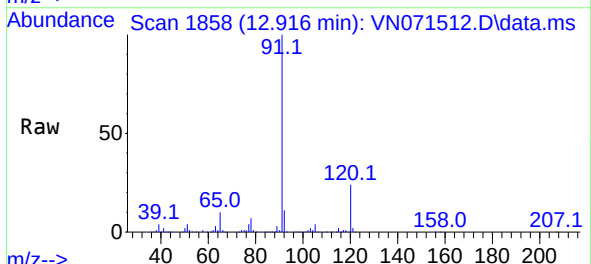
Tgt Ion:156 Resp: 15849
Ion Ratio Lower Upper
156 100
77 201.2 0.0 416.0
158 98.0 0.0 195.4

Manual Integrations
APPROVED

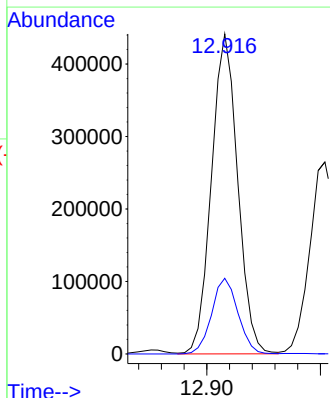
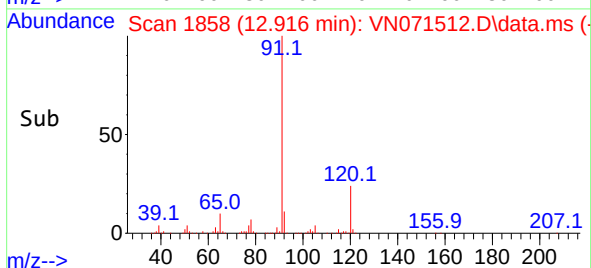
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

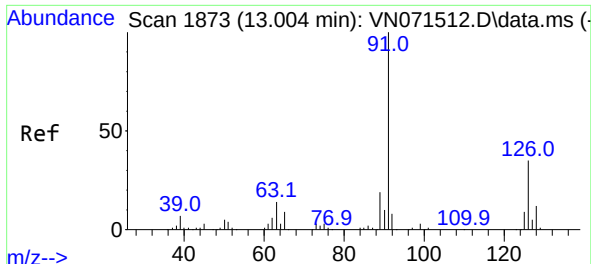


#74
n-propylbenzene
Concen: 19.888 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN071512.D
Acq: 24 Mar 2022 10:30



Tgt Ion: 91 Resp: 707828
Ion Ratio Lower Upper
91 100
120 23.7 0.0 45.0





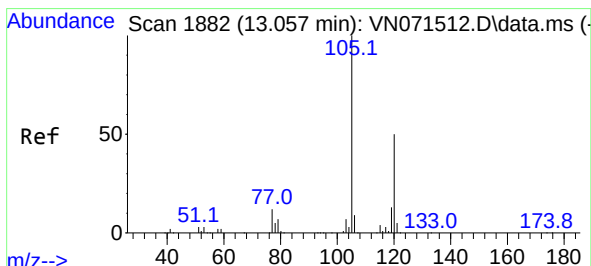
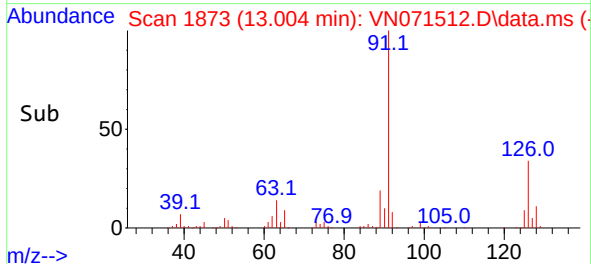
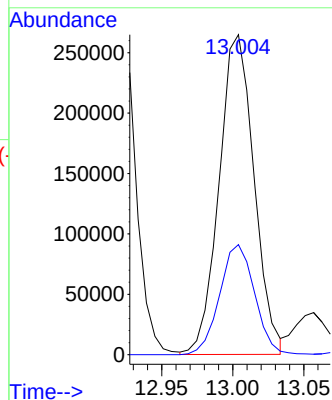
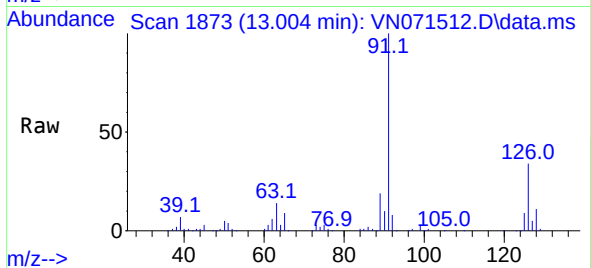
#75
2-Chlorotoluene
Concen: 20.308 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. 0.000 min
Lab File: VN071512.D
Acq: 24 Mar 2022 10:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 91 Resp: 45389
Ion Ratio Lower Upper
91 100
126 34.5 0.0 69.8

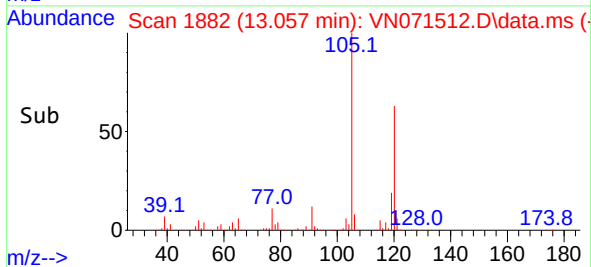
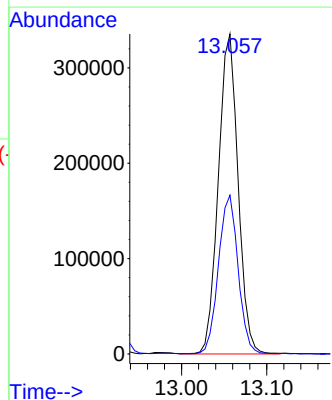
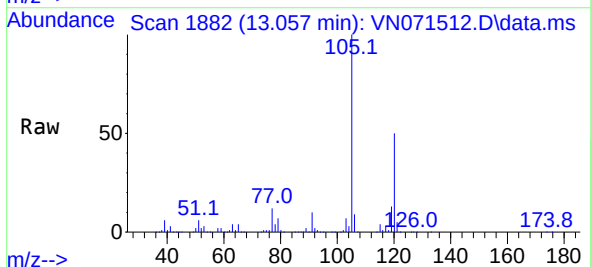
Manual Integrations
APPROVED

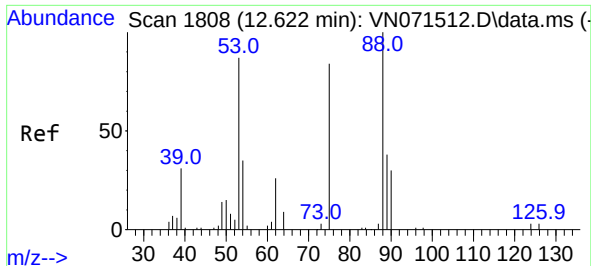
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#76
1,3,5-Trimethylbenzene
Concen: 20.938 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. 0.000 min
Lab File: VN071512.D
Acq: 24 Mar 2022 10:30

Tgt Ion:105 Resp: 540816
Ion Ratio Lower Upper
105 100
120 49.5 0.0 93.8





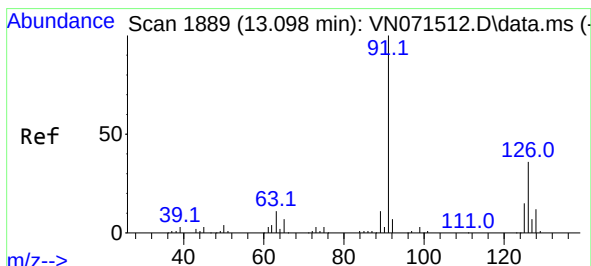
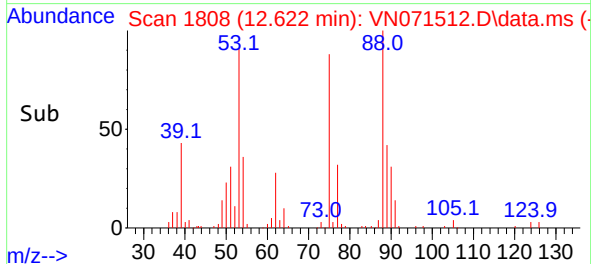
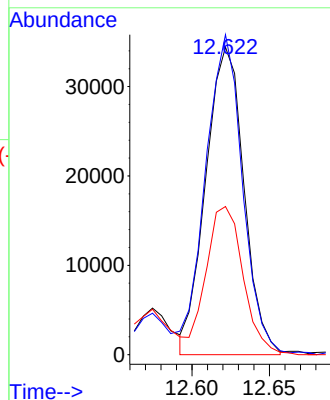
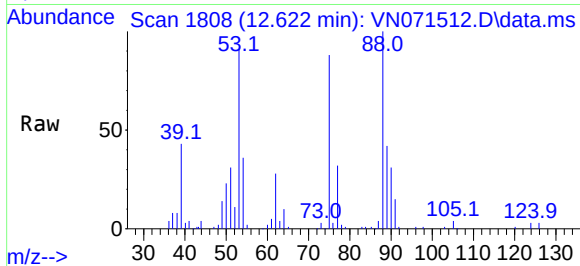
#77
t-1,4-Dichloro-2-butene
Concen: 17.767 ug/l
RT: 12.622 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VN071512.D
Acq: 24 Mar 2022 10:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 75 Resp: 58950
Ion Ratio Lower Upper
75 100
53 103.7 51.8 155.5
89 47.9 22.9 68.7

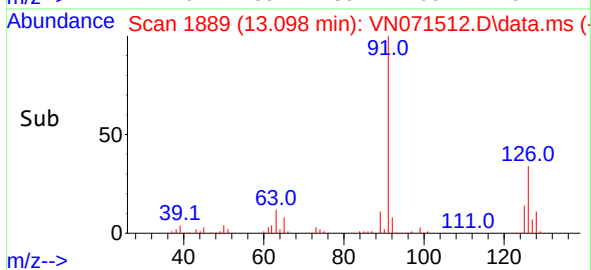
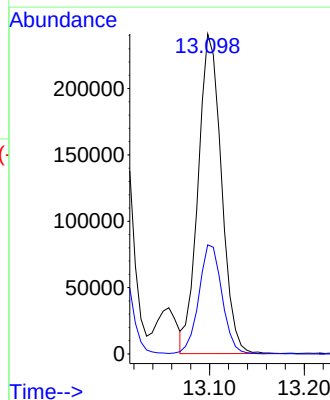
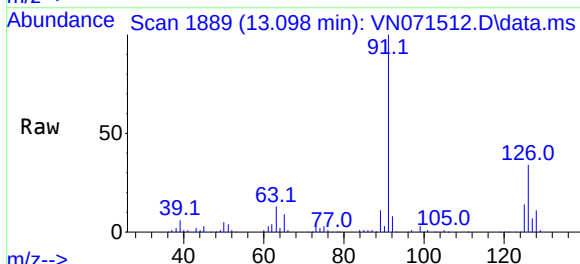
Manual Integrations
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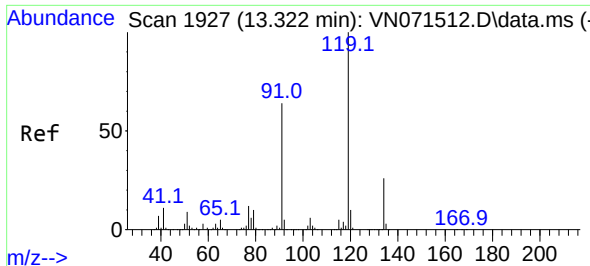
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#78
4-Chlorotoluene
Concen: 19.854 ug/l
RT: 13.098 min Scan# 1889
Delta R.T. 0.000 min
Lab File: VN071512.D
Acq: 24 Mar 2022 10:30

Tgt Ion: 91 Resp: 411888
Ion Ratio Lower Upper
91 100
126 34.1 0.0 70.6





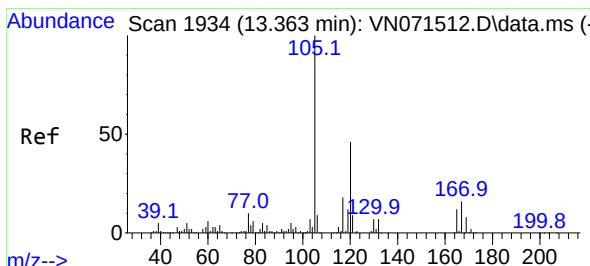
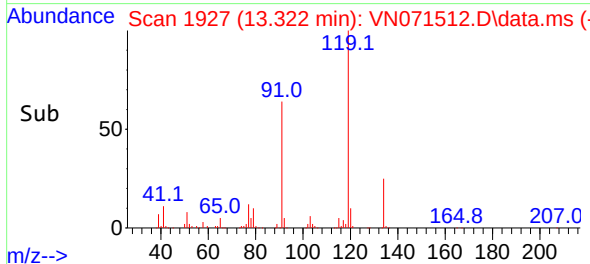
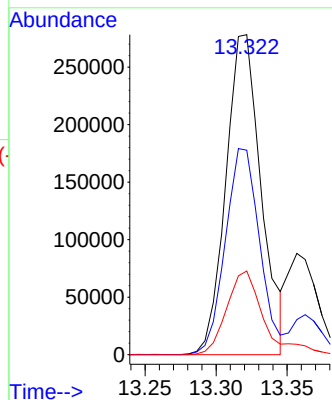
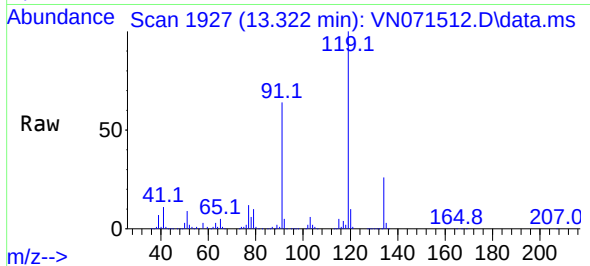
#79
tert-butylbenzene
Concen: 20.516 ug/l
RT: 13.322 min Scan# 1927
Delta R.T. 0.000 min
Lab File: VN071512.D
Acq: 24 Mar 2022 10:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion:119 Resp: 482025
Ion Ratio Lower Upper
119 100
91 62.3 0.0 137.0
134 25.0 0.0 47.6

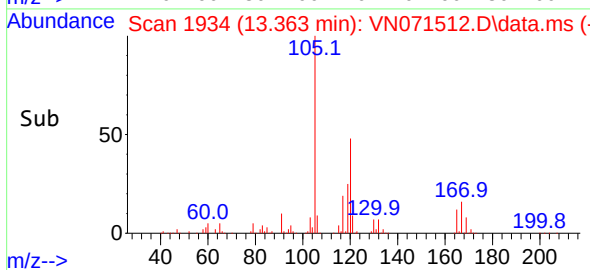
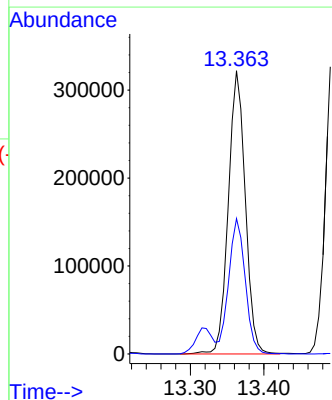
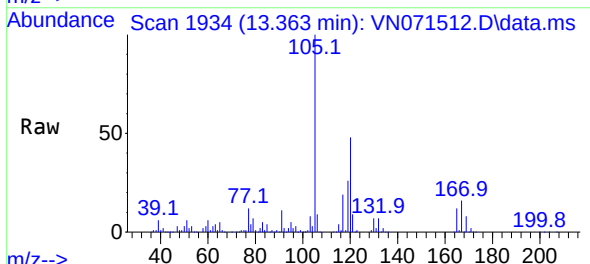
Manual Integrations
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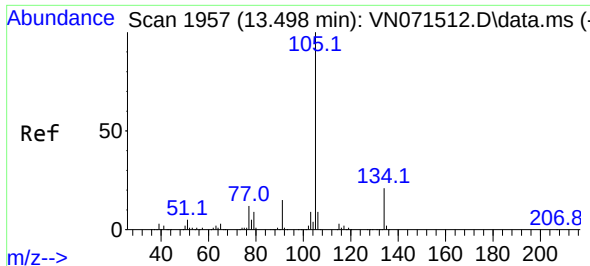
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#80
1,2,4-Trimethylbenzene
Concen: 20.750 ug/l m
RT: 13.363 min Scan# 1934
Delta R.T. 0.000 min
Lab File: VN071512.D
Acq: 24 Mar 2022 10:30

Tgt Ion:105 Resp: 516415
Ion Ratio Lower Upper
105 100
120 0.2 0.0 0.2#





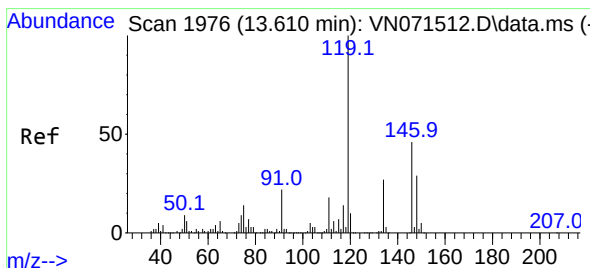
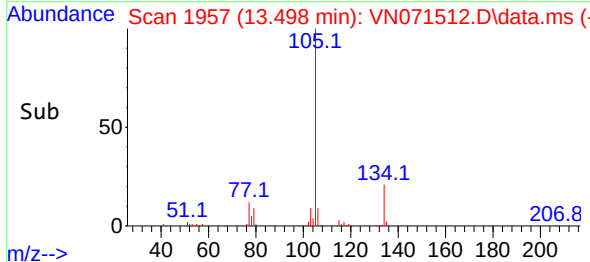
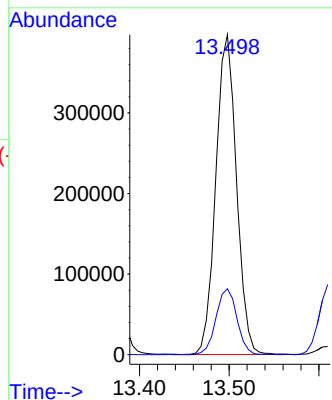
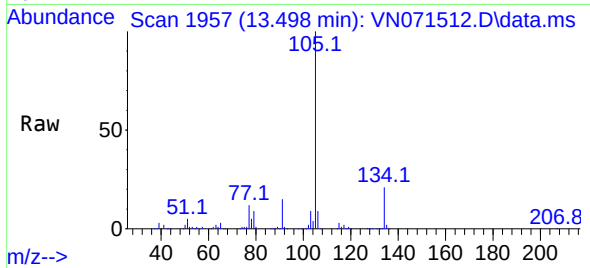
#81
 sec-Butylbenzene
 Concen: 20.214 ug/l
 RT: 13.498 min Scan# 1957
 Delta R.T. 0.000 min
 Lab File: VN071512.D
 Acq: 24 Mar 2022 10:30

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

Tgt Ion:105 Resp: 63422
 Ion Ratio Lower Upper
 105 100
 134 20.9 0.0 39.4

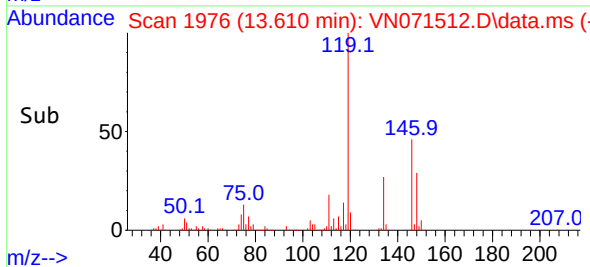
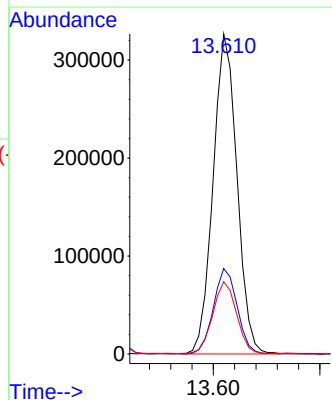
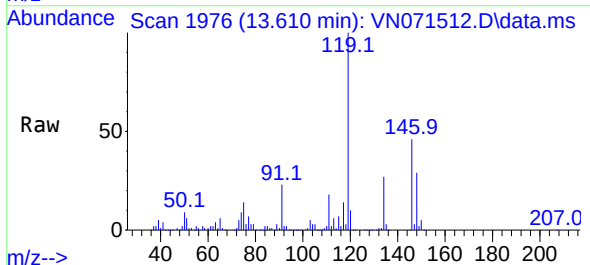
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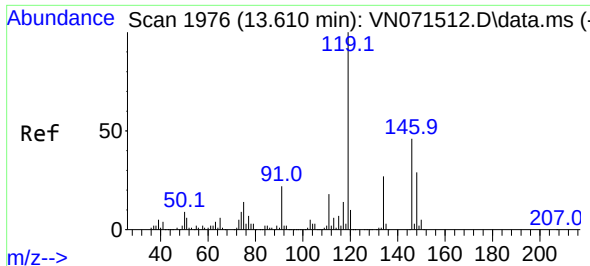
Reviewed By :John Carlone 03/25/2022
 Supervised By :Mahesh Dadoda 03/25/2022



#82
 p-Isopropyltoluene
 Concen: 20.159 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. 0.000 min
 Lab File: VN071512.D
 Acq: 24 Mar 2022 10:30

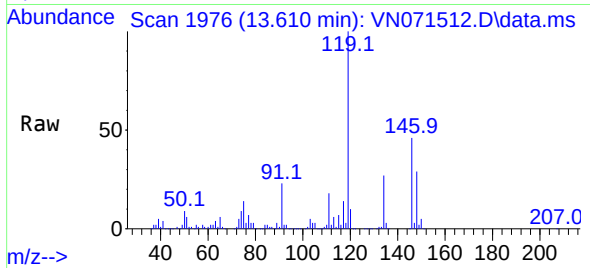
Tgt Ion:119 Resp: 507717
 Ion Ratio Lower Upper
 119 100
 134 26.5 0.0 51.8
 91 22.6 0.0 50.4





#83
1,3-Dichlorobenzene
Concen: 20.461 ug/l
RT: 13.610 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VN071512.D
Acq: 24 Mar 2022 10:30

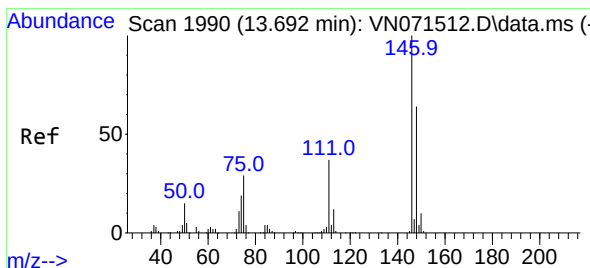
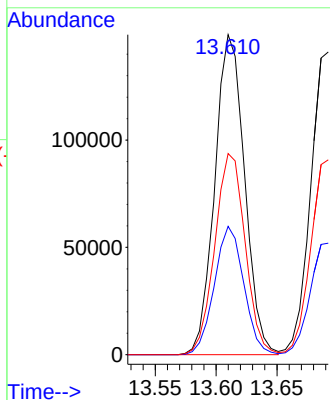
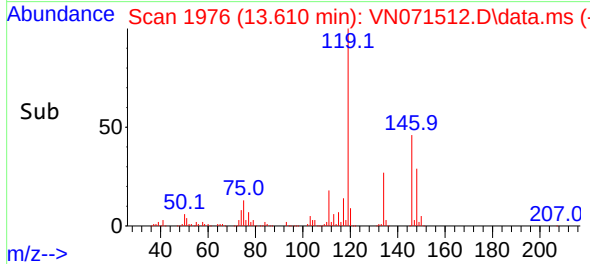
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion:146 Resp: 254390
Ion Ratio Lower Upper
146 100
111 39.6 20.8 62.2
148 64.0 31.4 94.3

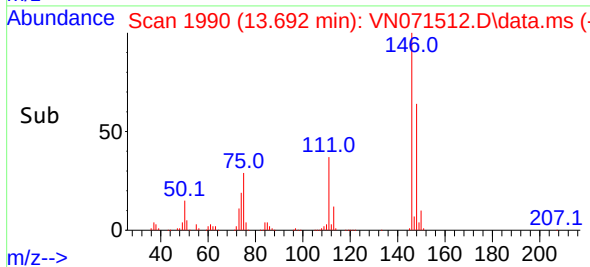
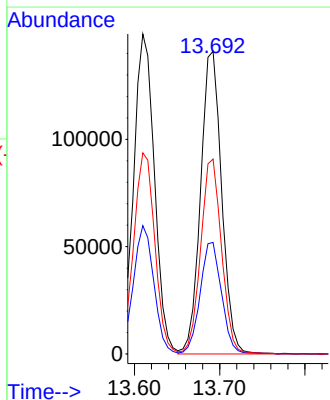
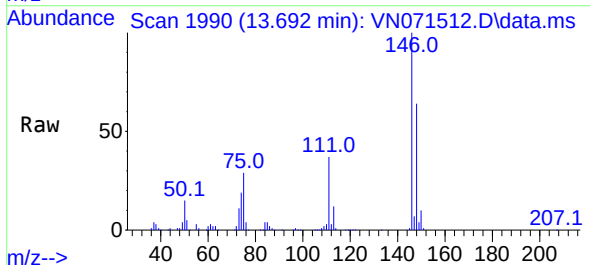
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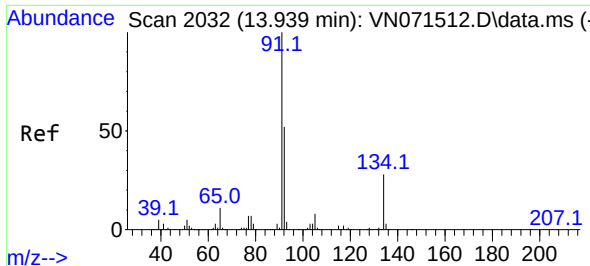
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#84
1,4-Dichlorobenzene
Concen: 20.433 ug/l
RT: 13.692 min Scan# 1990
Delta R.T. 0.000 min
Lab File: VN071512.D
Acq: 24 Mar 2022 10:30

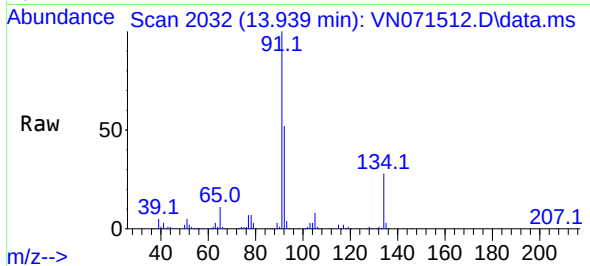
Tgt Ion:146 Resp: 242587
Ion Ratio Lower Upper
146 100
111 37.5 19.5 58.5
148 63.9 31.1 93.5





#85
n-Butylbenzene
Concen: 18.734 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VN071512.D
Acq: 24 Mar 2022 10:30

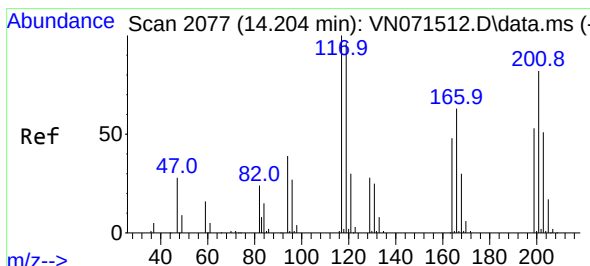
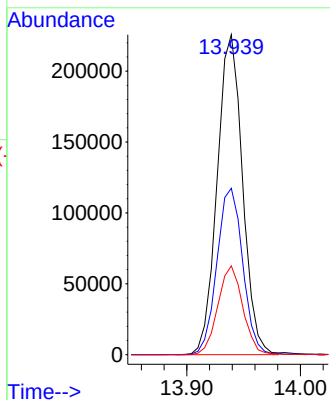
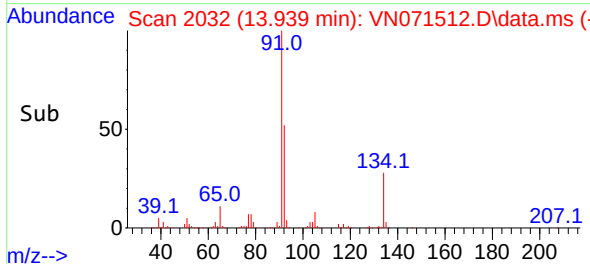
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion: 91 Resp: 350724
Ion Ratio Lower Upper
91 100
92 53.0 0.0 100.6
134 27.2 0.0 50.2

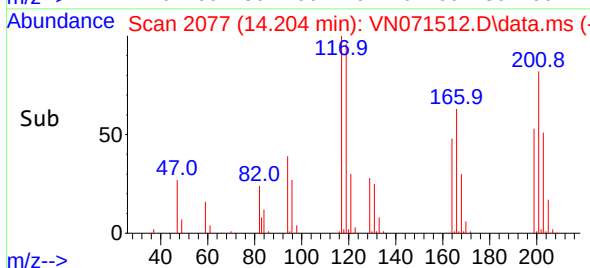
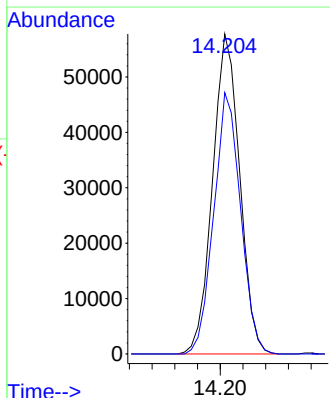
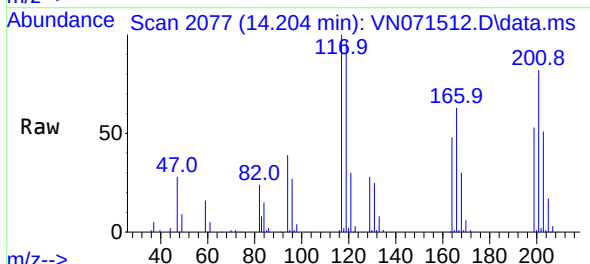
Manual Integrations
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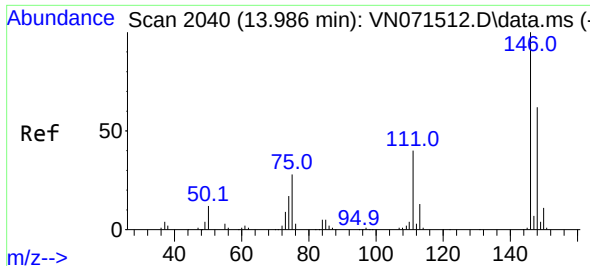
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#86
Hexachloroethane
Concen: 19.891 ug/l
RT: 14.204 min Scan# 2077
Delta R.T. 0.000 min
Lab File: VN071512.D
Acq: 24 Mar 2022 10:30

Tgt Ion:117 Resp: 95700
Ion Ratio Lower Upper
117 100
201 80.8 33.3 99.8





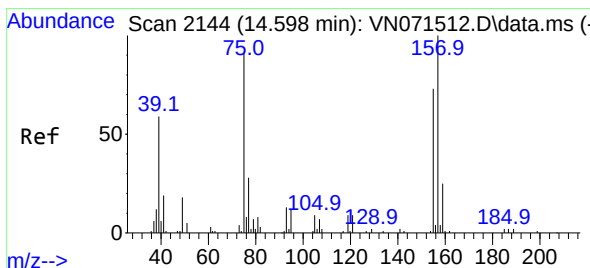
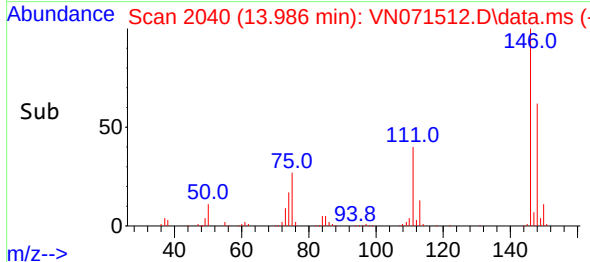
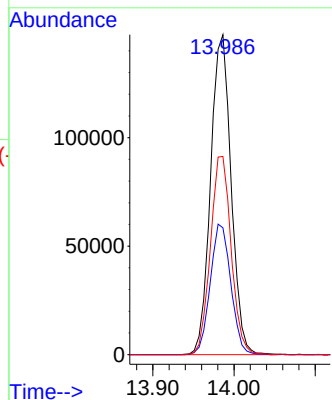
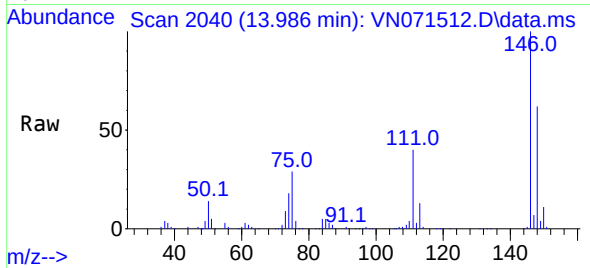
#87
1,2-Dichlorobenzene
Concen: 21.388 ug/l
RT: 13.986 min Scan# 2040
Delta R.T. 0.000 min
Lab File: VN071512.D
Acq: 24 Mar 2022 10:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion:146 Resp: 258862
Ion Ratio Lower Upper
146 100
111 40.9 21.4 64.2
148 62.6 32.5 97.4

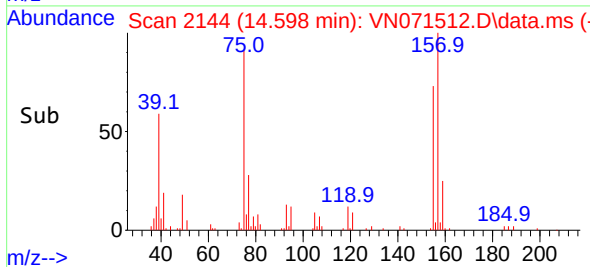
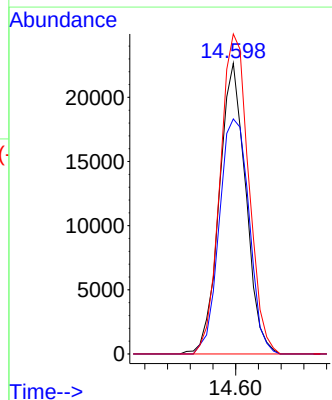
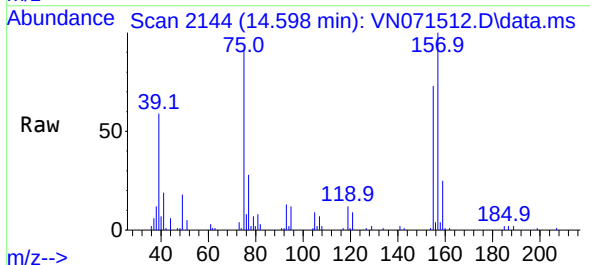
Manual Integrations
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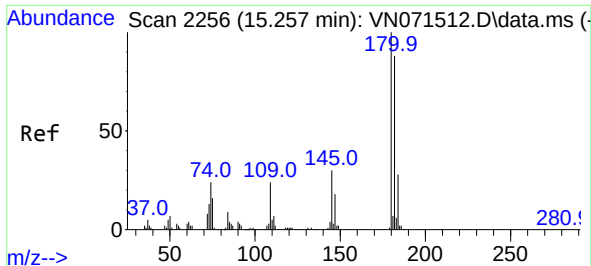
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#88
1,2-Dibromo-3-Chloropropane
Concen: 17.613 ug/l
RT: 14.598 min Scan# 2144
Delta R.T. 0.000 min
Lab File: VN071512.D
Acq: 24 Mar 2022 10:30

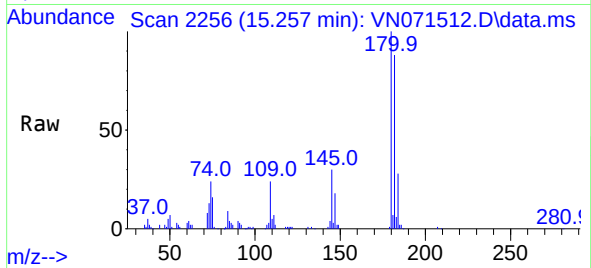
Tgt Ion: 75 Resp: 36807
Ion Ratio Lower Upper
75 100
155 90.5 63.8 95.8
157 118.2 77.9 116.9#





#89
1,2,4-Trichlorobenzene
Concen: 19.038 ug/l
RT: 15.257 min Scan# 2256
Delta R.T. 0.000 min
Lab File: VN071512.D
Acq: 24 Mar 2022 10:30

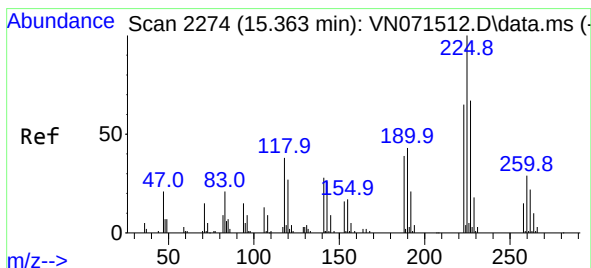
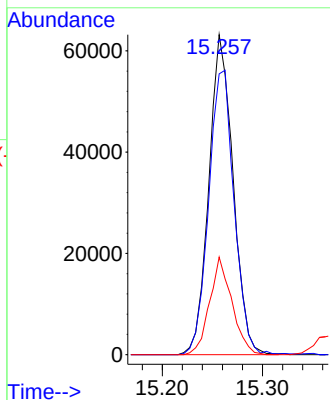
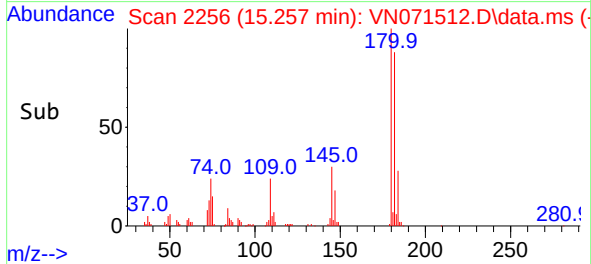
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



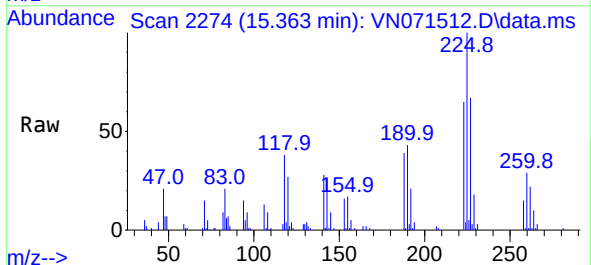
Tgt Ion:180 Resp: 105920
Ion Ratio Lower Upper
180 100
182 93.2 77.7 116.5
145 28.2 26.6 39.8

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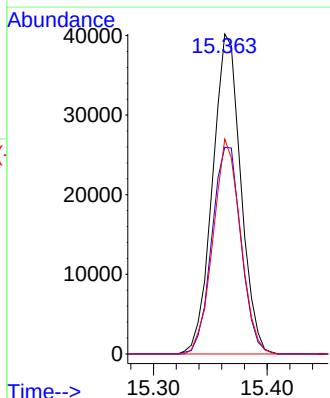
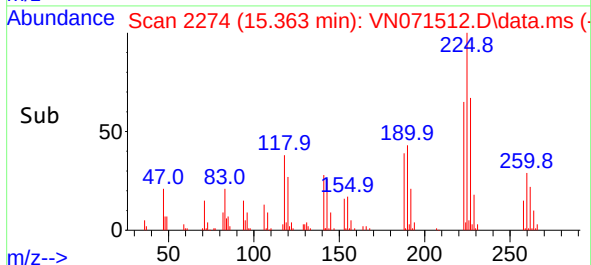
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

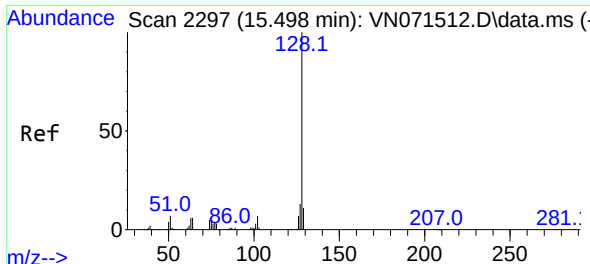


#90
Hexachlorobutadiene
Concen: 21.700 ug/l
RT: 15.363 min Scan# 2274
Delta R.T. 0.000 min
Lab File: VN071512.D
Acq: 24 Mar 2022 10:30



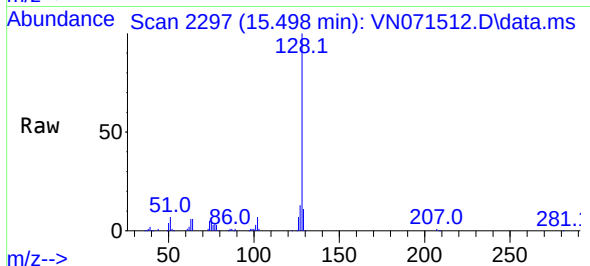
Tgt Ion:225 Resp: 69330
Ion Ratio Lower Upper
225 100
223 66.8 0.0 126.8
227 65.6 0.0 123.0





#91
Naphthalene
Concen: 15.904 ug/l
RT: 15.498 min Scan# 2297
Delta R.T. 0.000 min
Lab File: VN071512.D
Acq: 24 Mar 2022 10:30

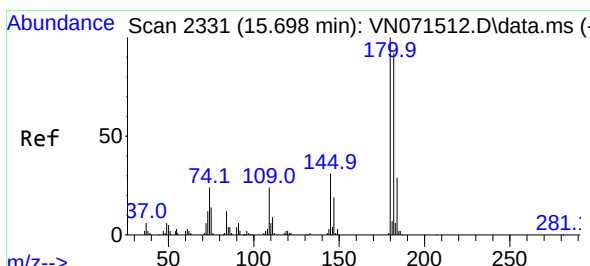
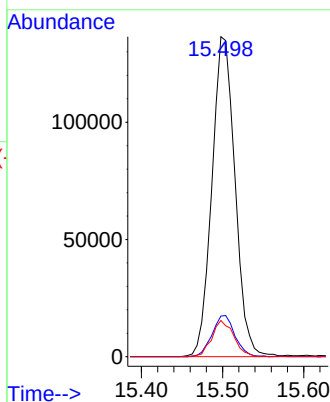
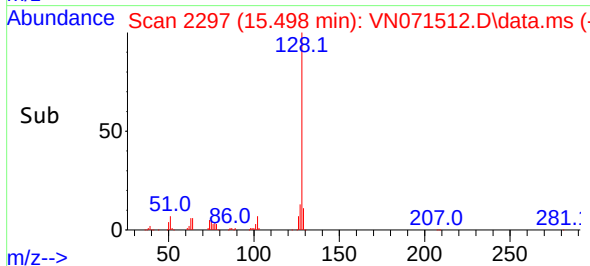
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



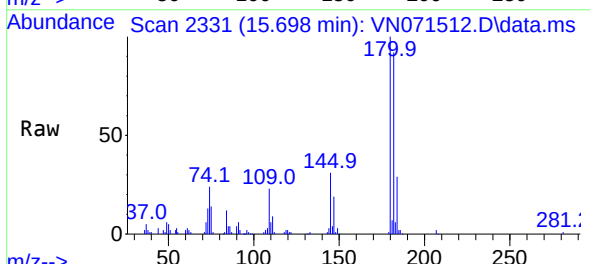
Tgt Ion:128 Resp: 270379
Ion Ratio Lower Upper
128 100
127 12.7 10.7 16.1
129 10.7 9.0 13.6

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: 18.487 ug/l
RT: 15.698 min Scan# 2331
Delta R.T. 0.000 min
Lab File: VN071512.D
Acq: 24 Mar 2022 10:30



Tgt Ion:180 Resp: 104641
Ion Ratio Lower Upper
180 100
182 95.5 0.0 190.0
145 30.9 0.0 67.8

