

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060622\
 Data File : VN072657.D
 Acq On : 06 Jun 2022 11:17
 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 06/07/2022
 Supervised By : Mahesh Dadoda 06/07/2022

Quant Time: Jun 06 13:11:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N060622W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Jun 06 13:10:13 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.651	128	43811	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.963	114	268315	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.739	117	241354	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.433	65	154720	35.050	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 116.833%#			
60) 4-Bromofluorobenzene	12.727	95	143931	33.113	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 110.367%			
63) Toluene-d8	10.439	98	412493	30.145	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 100.467%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.069	85	65477	21.908	ug/l	99
3) Chloromethane	2.298	50	70425	17.875	ug/l	95
4) Vinyl Chloride	2.440	62	64656	19.425	ug/l	94
5) Bromomethane	2.851	94	32437	19.610	ug/l	97
6) Chloroethane	3.016	64	45955	21.714	ug/l	98
7) Trichlorofluoromethane	3.369	101	117293	23.924	ug/l	99
8) Diethyl Ether	3.822	74	45418	22.670	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.204	101	61599	22.992	ug/l	76
10) 1,1-Dichloroethene	4.181	96	56762	21.914	ug/l	87
11) Methyl Iodide	4.416	142	60095	23.515	ug/l	94
12) Methyl Acetate	4.851	43	116655	22.354	ug/l	90
13) Acrolein	4.034	56	48798	85.412	ug/l	100
14) Acrylonitrile	5.545	53	246628	110.882	ug/l	98
15) Acetone	4.281	58	66762	115.815	ug/l	94
16) Carbon Disulfide	4.534	76	137762	19.695	ug/l	96
17) Allyl chloride	4.839	41	125099	22.711	ug/l	93
18) Methylene Chloride	5.092	84	73593	21.767	ug/l	93
19) trans-1,2-Dichloroethene	5.592	96	63138	22.282	ug/l	88
20) Diisopropyl ether	6.492	45	255412	20.504	ug/l #	95
21) 1,1-Dichloroethane	6.381	63	137111	21.429	ug/l	97
22) cis-1,2-Dichloroethene	7.316	96	79847	21.904	ug/l	91
23) tert-Butyl Alcohol	5.351	59	117487	141.830	ug/l #	100
24) Methyl tert-Butyl Ether	5.604	73	261756	24.978	ug/l	98
25) Chloroform	7.810	83	143061	21.768	ug/l	96
26) Cyclohexane	8.092	56	114833	19.260	ug/l #	92
29) 1,1-Dichloropropene	8.216	75	97714	19.779	ug/l	95
30) 2-Butanone	7.328	43	360941	107.398	ug/l	95
31) 2,2-Dichloropropane	7.316	77	135322	25.434	ug/l	96
32) 1,1,1-Trichloroethane	8.010	97	130814	23.014	ug/l	97
33) Carbon Tetrachloride	8.204	117	111892	22.273	ug/l	98
34) Benzene	8.457	78	294107	19.135	ug/l	98
35) Methacrylonitrile	7.628	41	67353	19.487	ug/l	92
36) 1,2-Dichloroethane	8.527	62	126864	23.883	ug/l	100
37) Trichloroethene	9.210	130	69695	18.990	ug/l	92
38) Methylcyclohexane	9.457	83	116312	19.067	ug/l	92
39) 1,2-Dichloropropane	9.486	63	80622	19.541	ug/l	97
40) Dibromomethane	9.574	93	55134	20.739	ug/l	97
41) Bromodichloromethane	9.757	83	120154	22.117	ug/l	94
42) Vinyl Acetate	6.428	43	1181806	107.182	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.404	43	142045	21.683	ug/l	97
44) Isopropyl Acetate	8.557	43	229023	22.247	ug/l	98
45) 1,4-Dioxane	9.563	88	38956	451.823	ug/l #	86
46) Methyl methacrylate	9.557	41	100025	20.722	ug/l	89
47) n-amyl Acetate	12.386	43	162632	21.669	ug/l	98
48) t-1,3-Dichloropropene	10.716	75	131764	22.220	ug/l	97
49) cis-1,3-Dichloropropene	10.186	75	134886	21.144	ug/l	96
50) 1,1,2-Trichloroethane	10.892	97	79995	20.599	ug/l	98
51) Ethyl methacrylate	10.757	69	140735	21.151	ug/l	92
52) 1,3-Dichloropropane	11.039	76	143139	20.808	ug/l	97
53) Dibromochloromethane	11.233	129	86054	21.285	ug/l	99
54) 1,2-Dibromoethane	11.345	107	82290	20.606	ug/l	99
55) 2-Chloroethyl vinyl ether	10.033	63	256454	89.597	ug/l	98
56) Bromoform	12.451	173	57586	20.063	ug/l #	99
58) 4-Methyl-2-Pentanone	10.327	43	725150	104.329	ug/l	99
59) 2-Hexanone	11.080	43	540978	108.075	ug/l	100
61) Tetrachloroethene	10.974	164	59901	19.400	ug/l	97
62) Toluene	10.504	91	323350	19.646	ug/l	98
64) Chlorobenzene	11.768	112	194502	20.092	ug/l	100
65) 1,1,1,2-Tetrachloroethane	11.839	131	79812	20.744	ug/l	98
66) Ethyl Benzene	11.839	91	368885	19.936	ug/l	99
67) m/p-Xylenes	11.951	106	265958	39.946	ug/l	93
68) o-Xylene	12.274	106	138129	20.682	ug/l	94
69) Styrene	12.292	104	208336	19.758	ug/l	95
70) Isopropylbenzene	12.574	105	355158	20.780	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.821	83	122140	20.851	ug/l	98
72) 1,2,3-Trichloropropane	12.874	75	118462m	21.358	ug/l	
73) Bromobenzene	12.857	156	71217	19.326	ug/l	76
74) n-propylbenzene	12.915	91	393941	20.326	ug/l	97
75) 2-Chlorotoluene	13.004	91	247283	20.902	ug/l	92
76) 1,3,5-Trimethylbenzene	13.057	105	287964	21.152	ug/l	100
77) t-1,4-Dichloro-2-butene	12.621	75	42395	21.414	ug/l	93
78) 4-Chlorotoluene	13.104	91	229266	21.232	ug/l	90
79) tert-butylbenzene	13.321	119	259002	21.746	ug/l	97
80) 1,2,4-Trimethylbenzene	13.498	105	338515	24.702	ug/l	100
81) sec-Butylbenzene	13.498	105	338515	19.785	ug/l	99
82) p-Isopropyltoluene	13.609	119	263666	19.868	ug/l	98
83) 1,3-Dichlorobenzene	13.609	146	118100	18.383	ug/l	96
84) 1,4-Dichlorobenzene	13.692	146	115982	18.556	ug/l	97
85) n-Butylbenzene	13.939	91	218001	19.709	ug/l	97
86) Hexachloroethane	14.204	117	61158	22.393	ug/l	91
87) 1,2-Dichlorobenzene	13.980	146	119214	18.884	ug/l	97
88) 1,2-Dibromo-3-Chloropr...	14.598	75	29820	24.470	ug/l #	83
89) 1,2,4-Trichlorobenzene	15.262	180	57589	18.315	ug/l	99
90) Hexachlorobutadiene	15.362	225	28024	18.177	ug/l	99
91) Naphthalene	15.503	128	228978	20.072	ug/l	98
92) 1,2,3-Trichlorobenzene	15.698	180	57911	18.156	ug/l	96

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

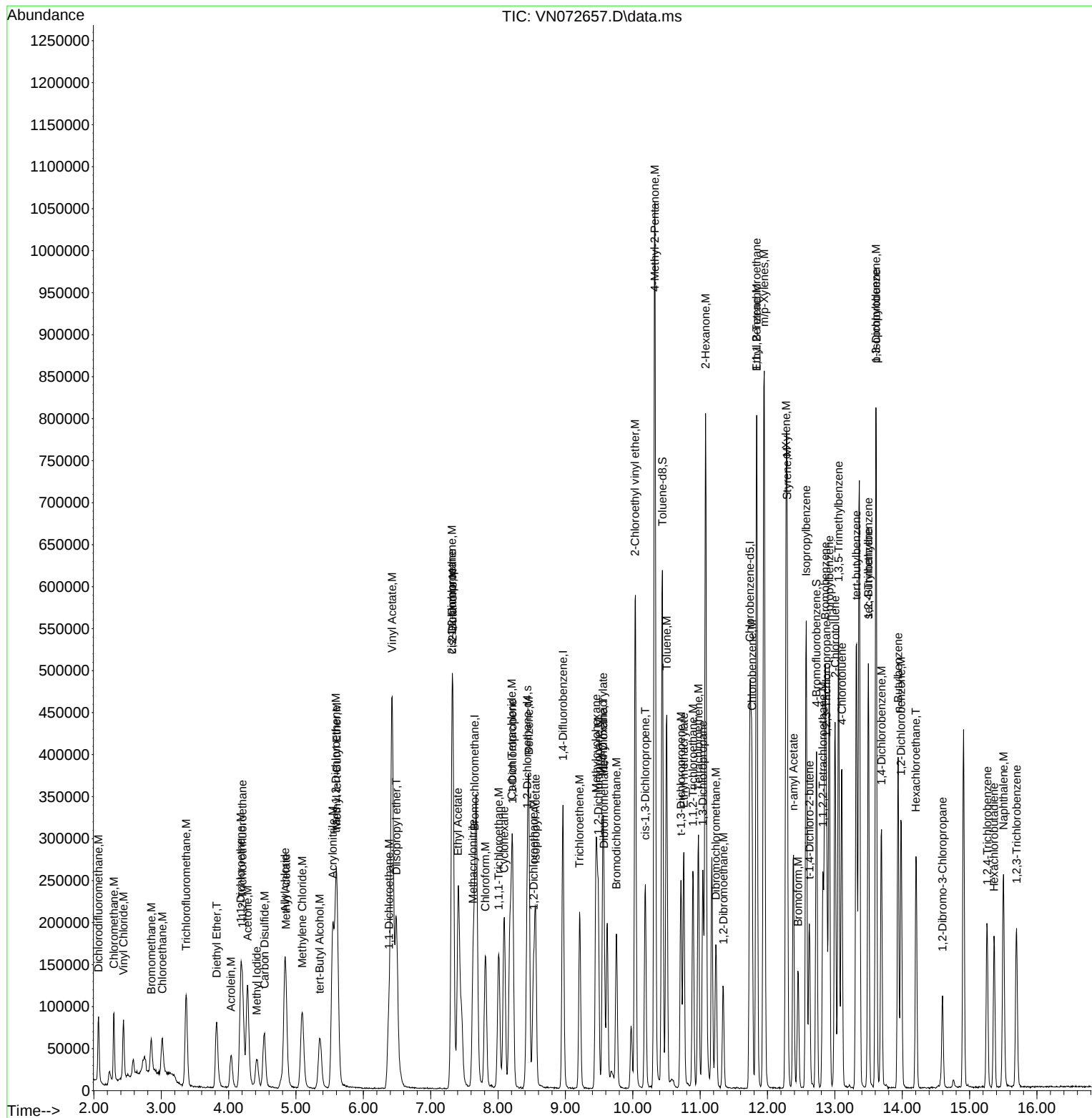
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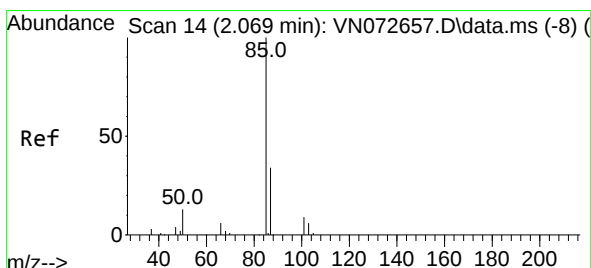
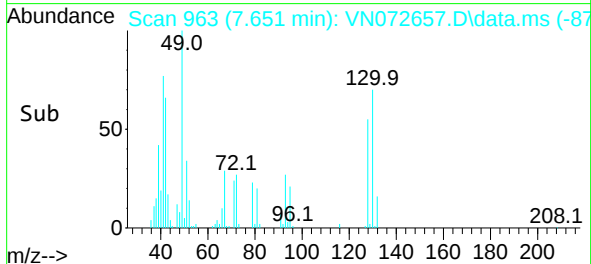
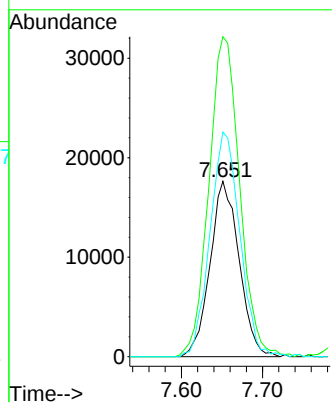
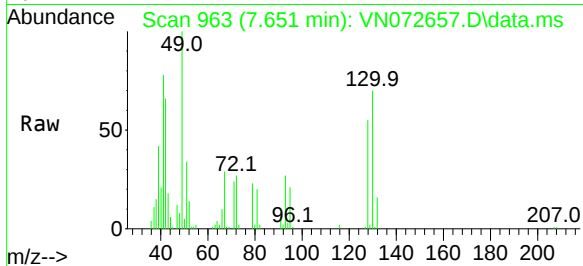
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.651 min Scan# 963
Delta R.T. 0.000 min
Lab File: VN072657.D
Acq: 06 Jun 2022 11:17

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ClientSampleId :
VSTDICCC020

Tgt Ion:128 Resp: 4381
Ion Ratio Lower Upper
128 100
49 192.9 0.0 392.3
130 131.0 0.0 320.2

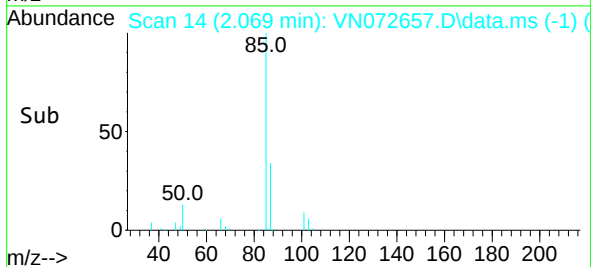
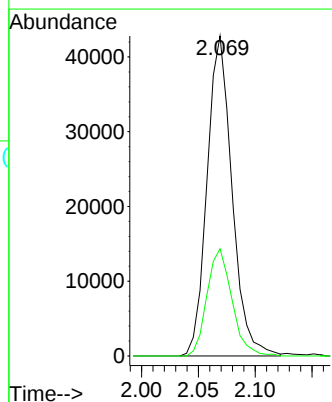
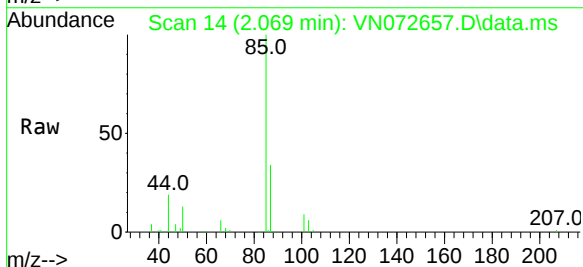
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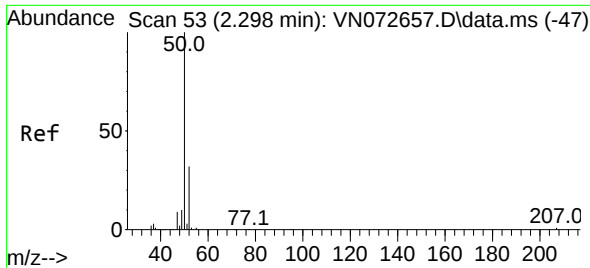
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#2
Dichlorodifluoromethane
Concen: 21.908 ug/l
RT: 2.069 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN072657.D
Acq: 06 Jun 2022 11:17

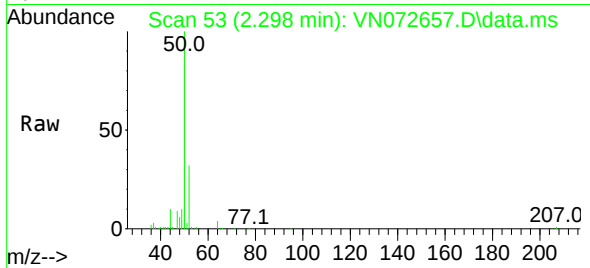
Tgt Ion: 85 Resp: 65477
Ion Ratio Lower Upper
85 100
87 33.5 16.6 49.7





#3
Chloromethane
Concen: 17.875 ug/l
RT: 2.298 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN072657.D
Acq: 06 Jun 2022 11:17

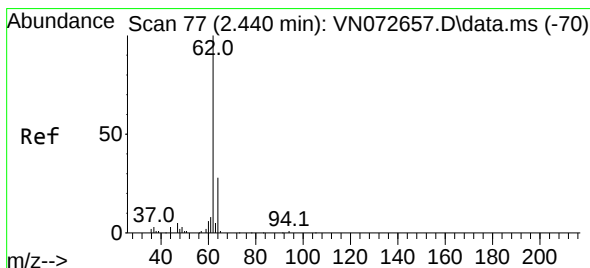
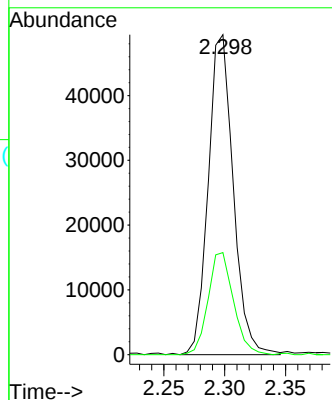
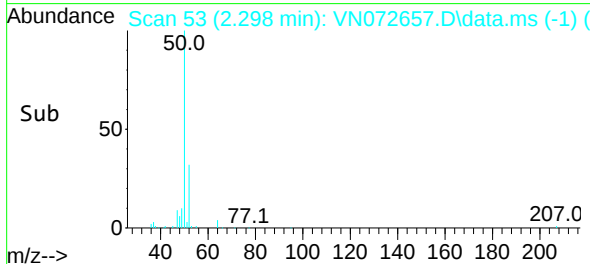
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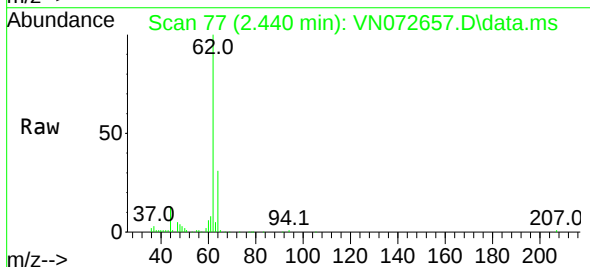
Tgt Ion: 50 Resp: 70425
Ion Ratio Lower Upper
50 100
52 31.9 27.8 41.6

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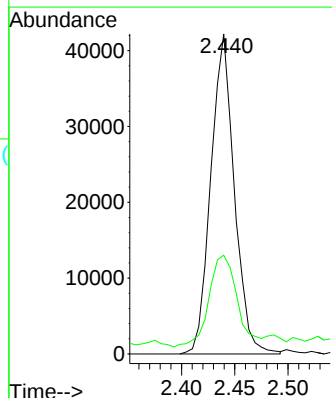
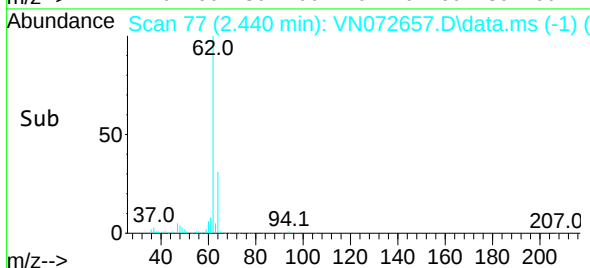
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#4
Vinyl Chloride
Concen: 19.425 ug/l
RT: 2.440 min Scan# 77
Delta R.T. 0.000 min
Lab File: VN072657.D
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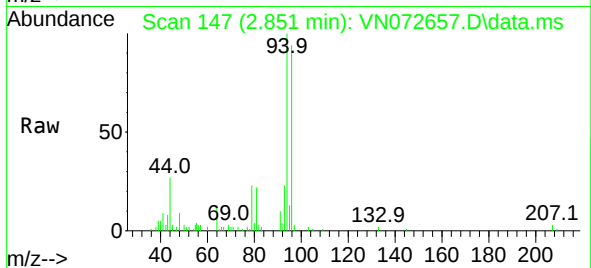
Tgt Ion: 62 Resp: 64656
Ion Ratio Lower Upper
62 100
64 27.8 25.1 37.7





#5
Bromomethane
Concen: 19.610 ug/l
RT: 2.851 min Scan# 147
Delta R.T. 0.000 min
Lab File: VN072657.D
Acq: 06 Jun 2022 11:17

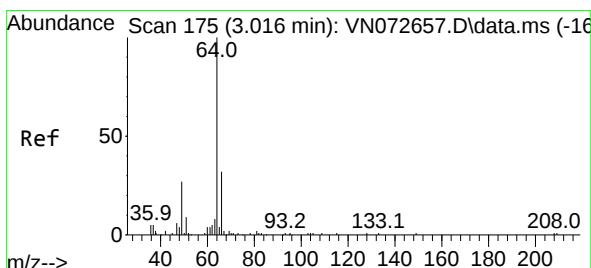
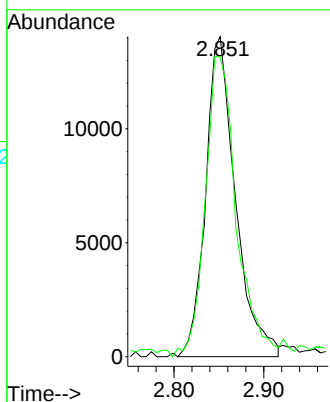
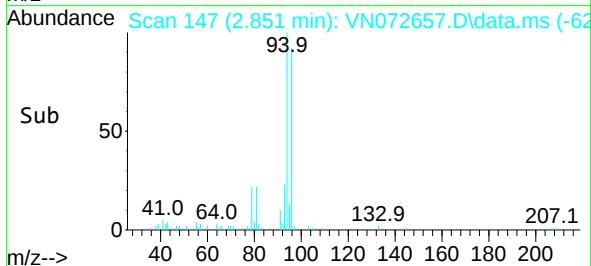
Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion: 94 Resp: 3243
Ion Ratio Lower Upper
94 100
96 91.0 75.2 112.8

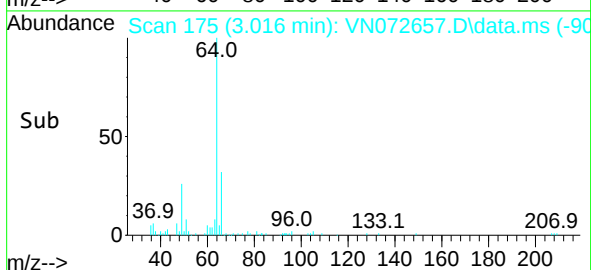
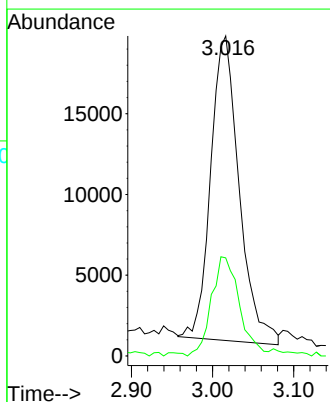
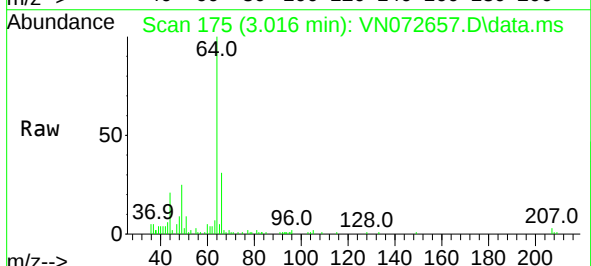
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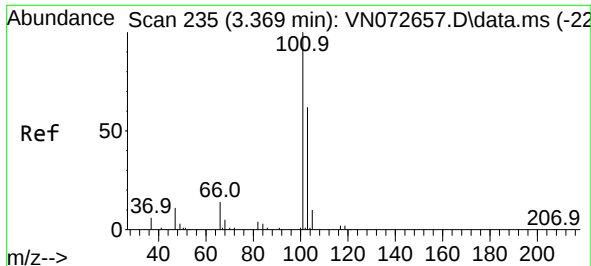
Reviewed By :John Carlone 06/07/2022
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#6
Chloroethane
Concen: 21.714 ug/l
RT: 3.016 min Scan# 175
Delta R.T. 0.000 min
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Tgt Ion: 64 Resp: 45955
Ion Ratio Lower Upper
64 100
66 31.8 24.6 36.8





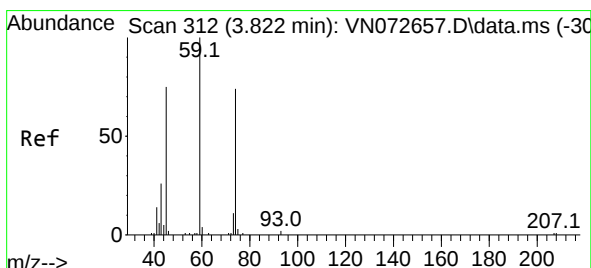
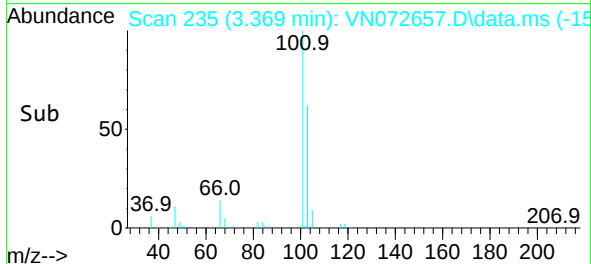
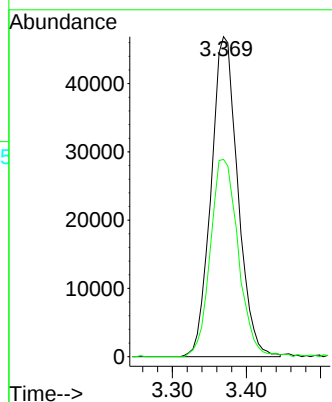
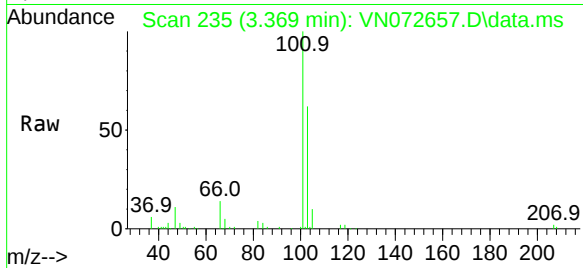
#7
 Trichlorofluoromethane
 Concen: 23.924 ug/l
 RT: 3.369 min Scan# 211
 Delta R.T. 0.000 min
 Lab File: VN072657.D
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Tgt Ion:101 Resp: 11729
 Ion Ratio Lower Upper
 101 100
 103 61.6 50.1 75.1

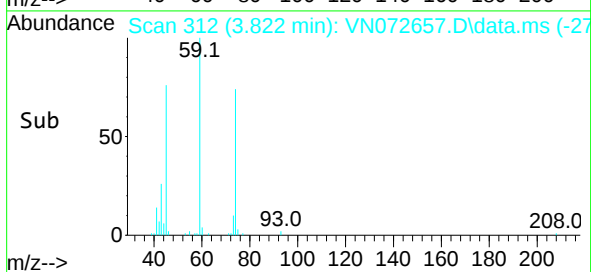
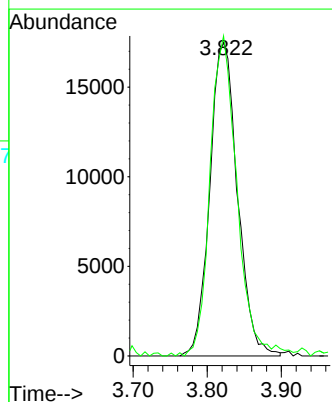
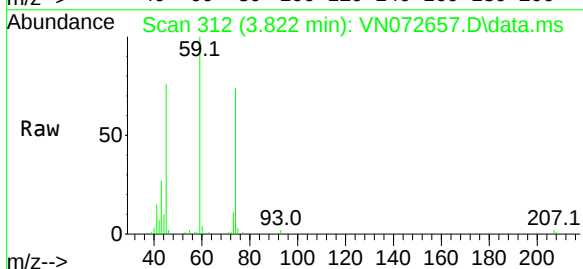
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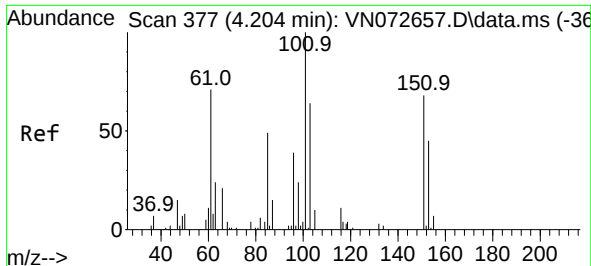
Reviewed By :John Carlone 06/07/2022
 Supervised By :Mahesh Dadoda 06/07/2022



#8
 Diethyl Ether
 Concen: 22.670 ug/l
 RT: 3.822 min Scan# 312
 Delta R.T. 0.000 min
 Lab File: VN072657.D
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Tgt Ion: 74 Resp: 45418
 Ion Ratio Lower Upper
 74 100
 45 98.0 17.6 158.8





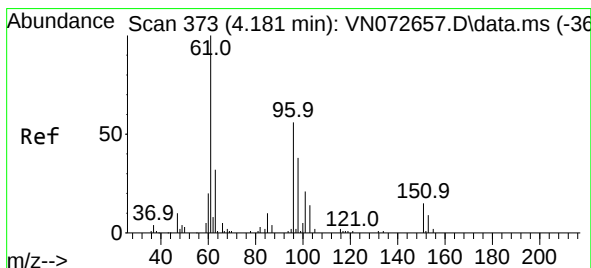
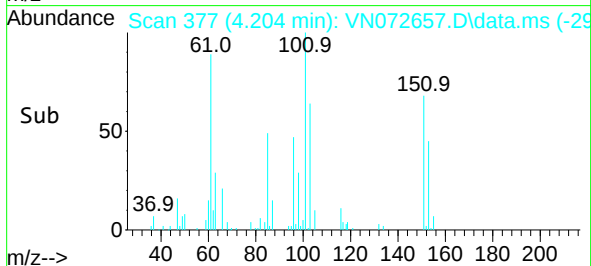
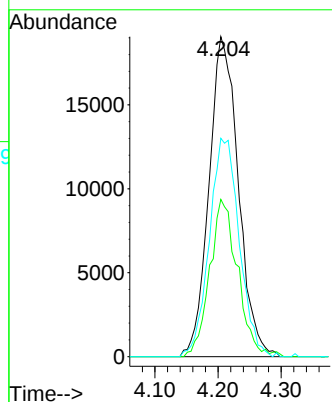
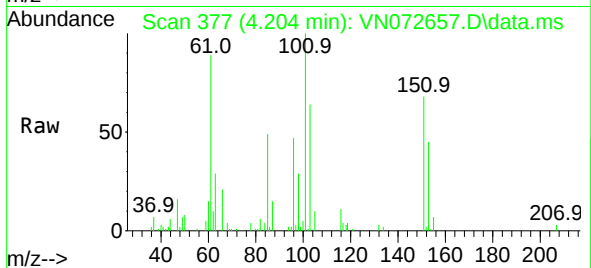
#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.992 ug/l
RT: 4.204 min Scan# 377
Delta R.T. 0.000 min
Lab File: VN072657.D
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Tgt Ion:101 Resp: 61599
Ion Ratio Lower Upper
101 100
85 46.4 0.0 94.0
151 69.6 0.0 74.6

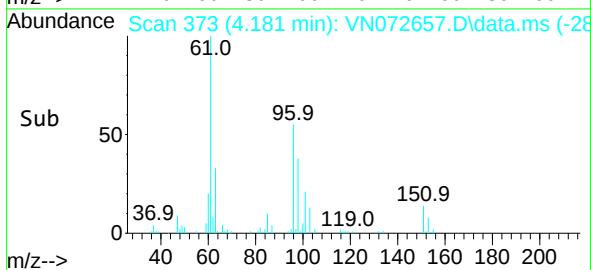
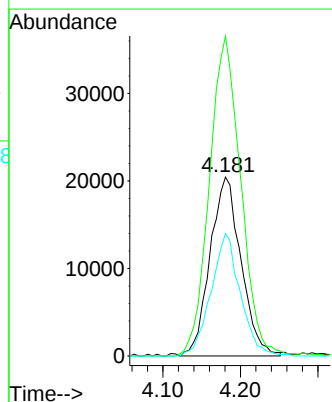
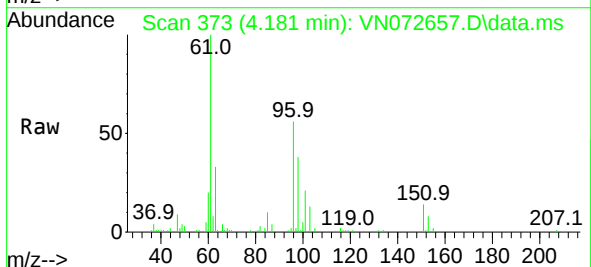
Manual Integrations
APPROVED

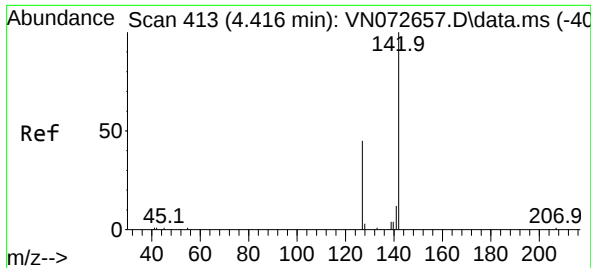
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022



#10
1,1-Dichloroethene
Concen: 21.914 ug/l
RT: 4.181 min Scan# 373
Delta R.T. 0.000 min
Lab File: VN072657.D
Acq: 06 Jun 2022 11:17

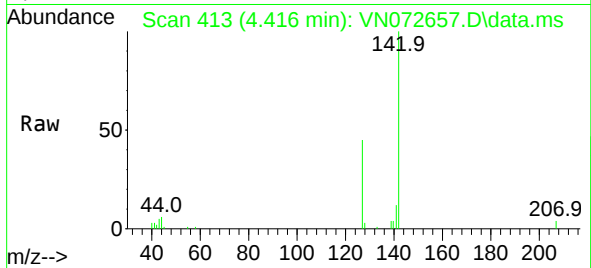
Tgt Ion: 96 Resp: 56762
Ion Ratio Lower Upper
96 100
61 177.7 126.2 189.4
98 68.4 50.9 76.3





#11
Methyl Iodide
Concen: 23.515 ug/l
RT: 4.416 min Scan# 413
Delta R.T. 0.000 min
Lab File: VN072657.D
Acq: 06 Jun 2022 11:17

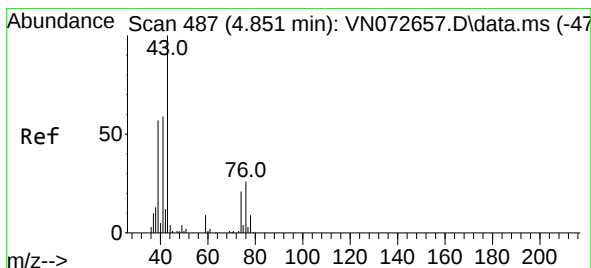
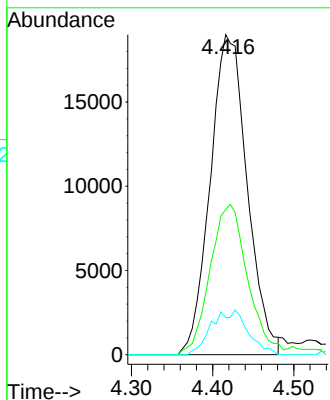
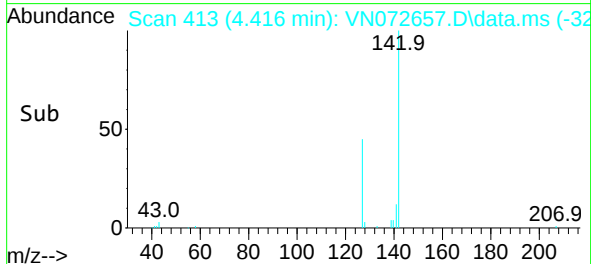
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion:142 Resp: 60095
Ion Ratio Lower Upper
142 100
127 44.8 24.0 72.0
141 11.9 8.4 25.2

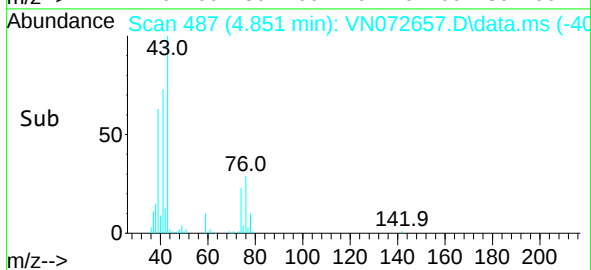
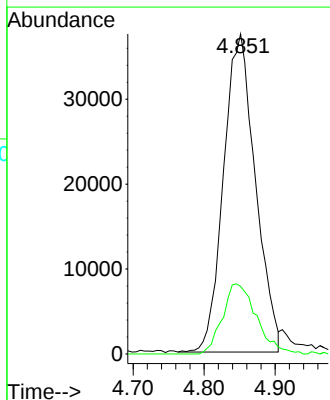
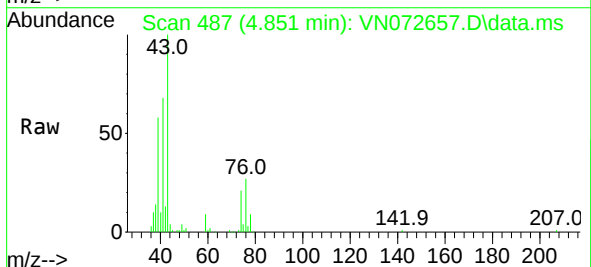
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022



#12
Methyl Acetate
Concen: 22.354 ug/l
RT: 4.851 min Scan# 487
Delta R.T. 0.000 min
Lab File: VN072657.D
Acq: 06 Jun 2022 11:17

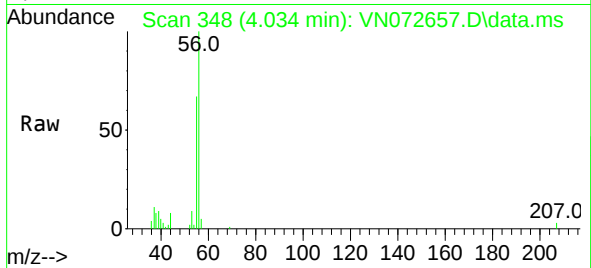
Tgt Ion: 43 Resp: 116655
Ion Ratio Lower Upper
43 100
74 20.8 20.8 31.2





#13
Acrolein
Concen: 85.412 ug/l
RT: 4.034 min Scan# 348
Delta R.T. 0.000 min
Lab File: VN072657.D
Acq: 06 Jun 2022 11:17

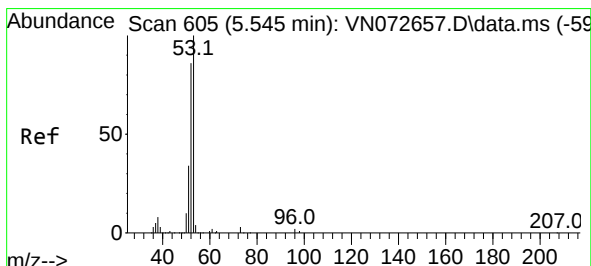
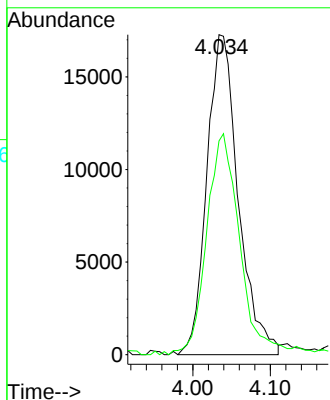
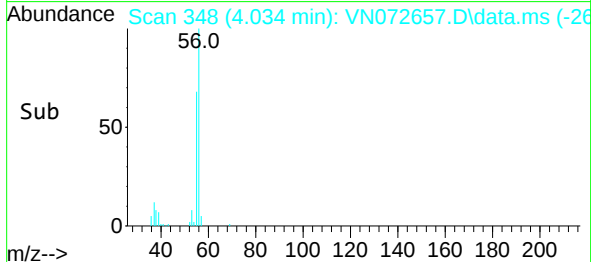
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



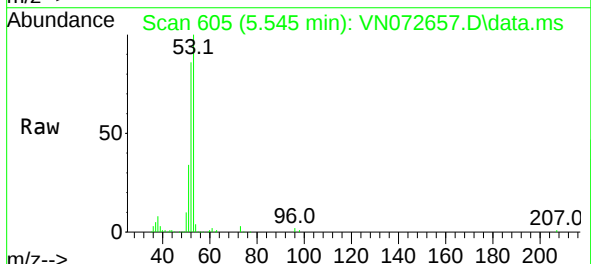
Tgt Ion: 56 Resp: 48798
Ion Ratio Lower Upper
56 100
55 71.7 57.6 86.4

Manual Integrations
APPROVED

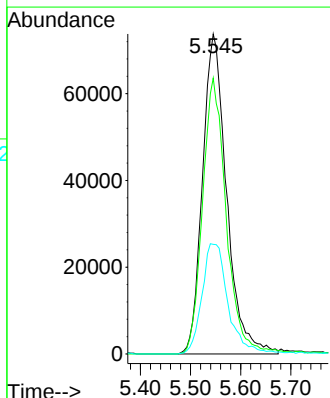
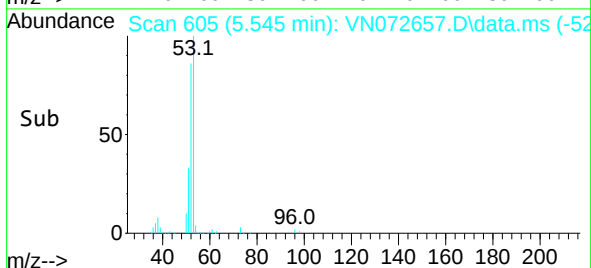
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022

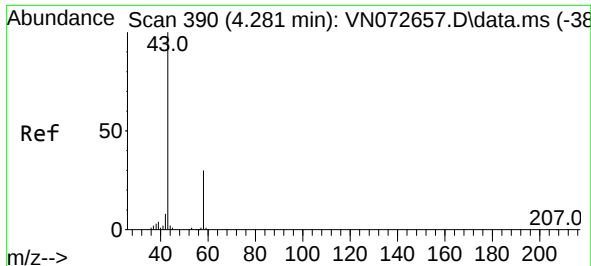


#14
Acrylonitrile
Concen: 110.882 ug/l
RT: 5.545 min Scan# 605
Delta R.T. 0.000 min
Lab File: VN072657.D
Acq: 06 Jun 2022 11:17



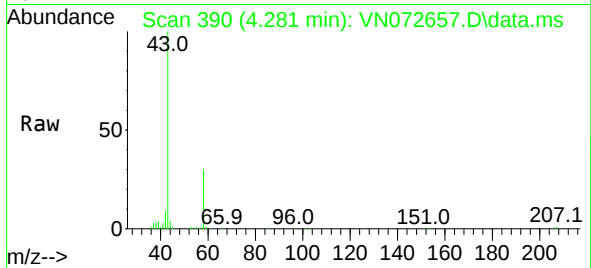
Tgt Ion: 53 Resp: 246628
Ion Ratio Lower Upper
53 100
52 84.3 41.8 125.4
51 35.9 19.0 57.0





#15
Acetone
Concen: 115.815 ug/l
RT: 4.281 min Scan# 390
Delta R.T. 0.000 min
Lab File: VN072657.D
Acq: 06 Jun 2022 11:17

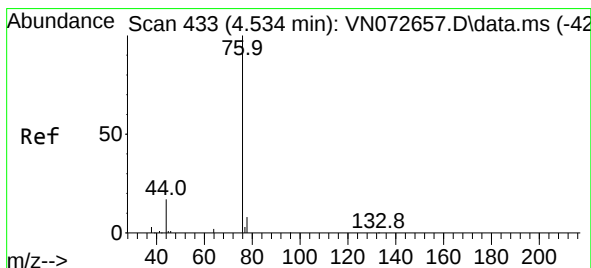
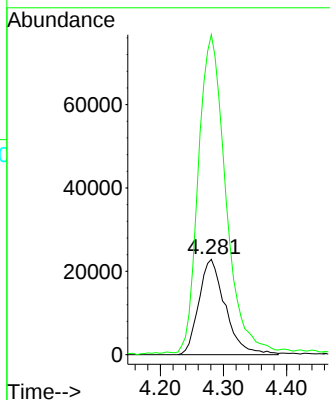
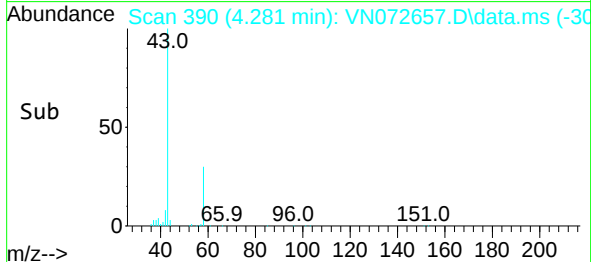
Instrument :
MSVOA_N
Client Sample Id :
VSTDICCC020



Tgt Ion: 58 Resp: 66762
Ion Ratio Lower Upper
58 100
43 332.7 256.6 384.8

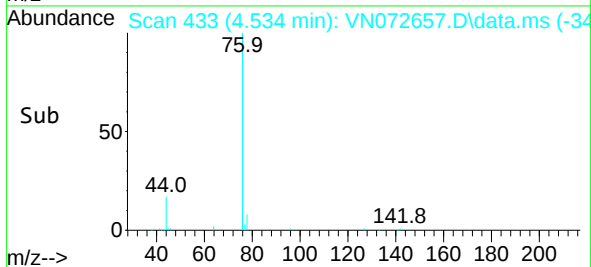
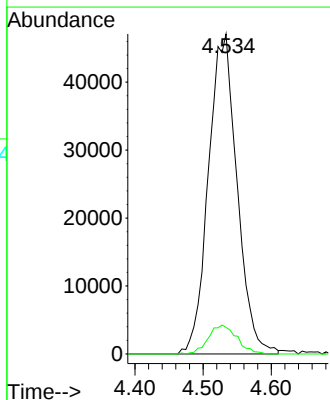
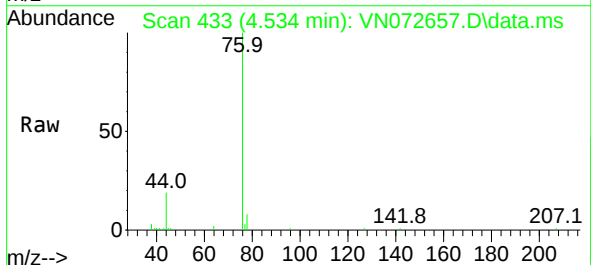
Manual Integrations
APPROVED

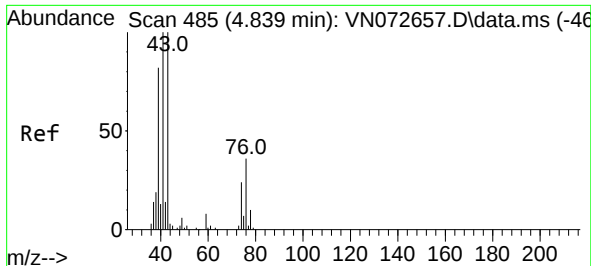
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022



#16
Carbon Disulfide
Concen: 19.695 ug/l
RT: 4.534 min Scan# 433
Delta R.T. 0.000 min
Lab File: VN072657.D
Acq: 06 Jun 2022 11:17

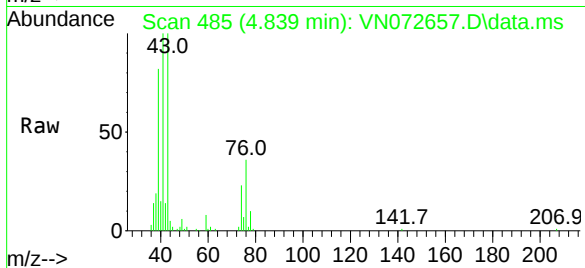
Tgt Ion: 76 Resp: 137762
Ion Ratio Lower Upper
76 100
78 8.3 7.8 11.8





#17
 Allyl chloride
 Concen: 22.711 ug/l
 RT: 4.839 min Scan# 485
 Delta R.T. 0.000 min
 Lab File: VN072657.D
 Acq: 06 Jun 2022 11:17

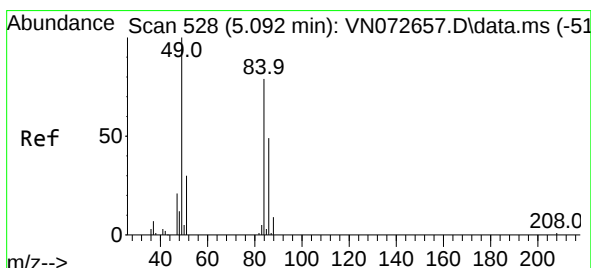
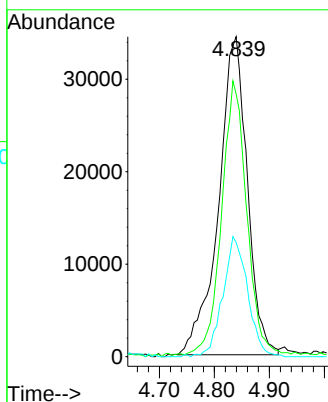
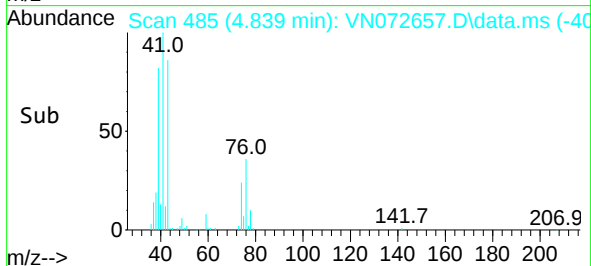
Instrument :
 MSVOA_N
 Client Sample Id :
 VSTDICCC020



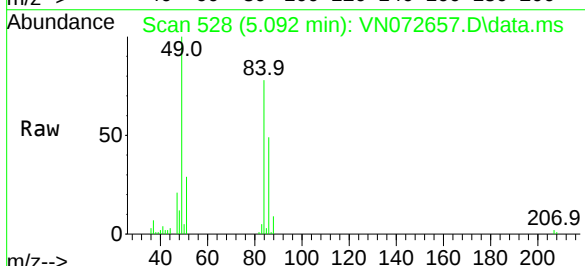
Tgt Ion: 41 Resp: 125099
 Ion Ratio Lower Upper
 41 100
 39 81.7 44.6 134.0
 76 35.9 19.6 58.7

Manual Integrations
 APPROVED

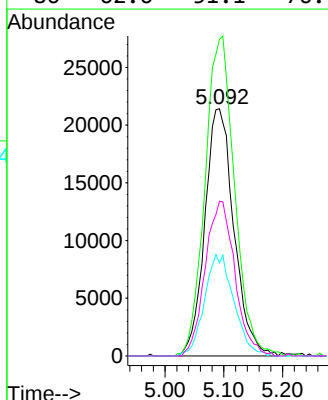
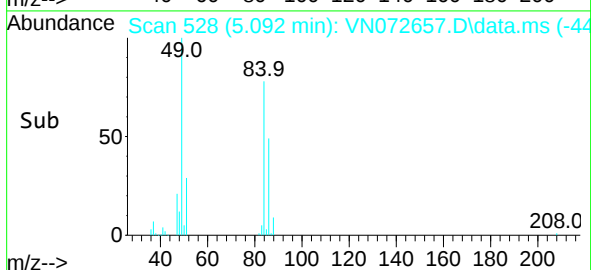
Reviewed By :John Carlone 06/07/2022
 Supervised By :Mahesh Dadoda 06/07/2022



#18
 Methylene Chloride
 Concen: 21.767 ug/l
 RT: 5.092 min Scan# 528
 Delta R.T. 0.000 min
 Lab File: VN072657.D
 Acq: 06 Jun 2022 11:17



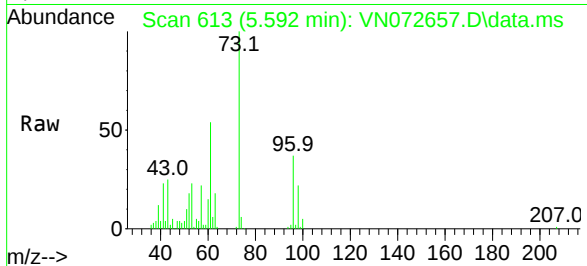
Tgt Ion: 84 Resp: 73593
 Ion Ratio Lower Upper
 84 100
 49 127.1 91.4 137.0
 51 37.7 29.4 44.0
 86 62.6 51.1 76.7





#19
trans-1,2-Dichloroethene
Concen: 22.282 ug/l
RT: 5.592 min Scan# 613
Delta R.T. 0.000 min
Lab File: VN072657.D
Acq: 06 Jun 2022 11:17

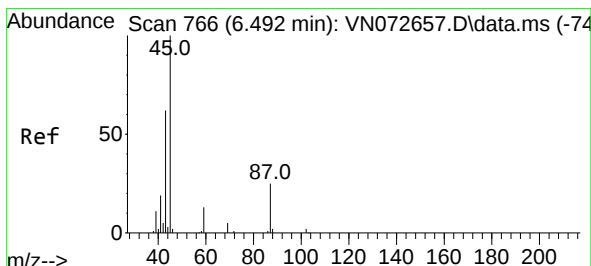
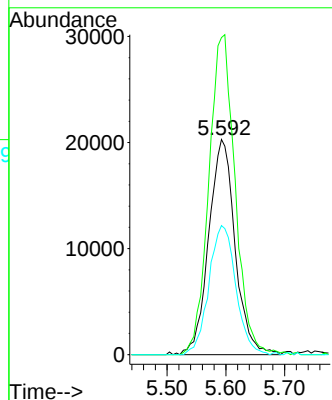
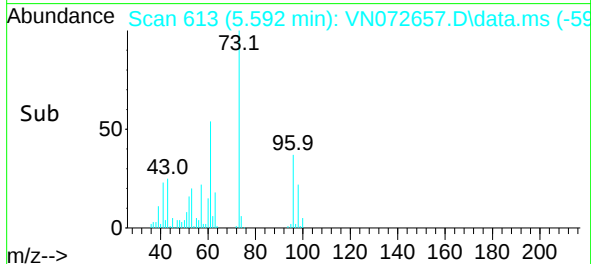
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion: 96 Resp: 63138
Ion Ratio Lower Upper
96 100
61 147.3 102.8 154.2
98 59.9 49.3 73.9

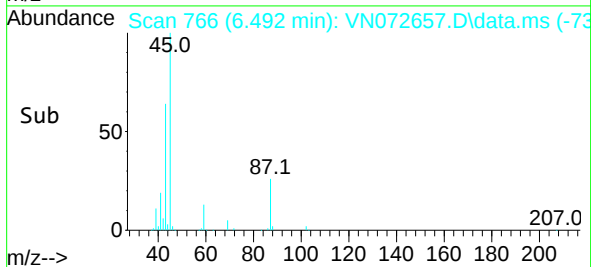
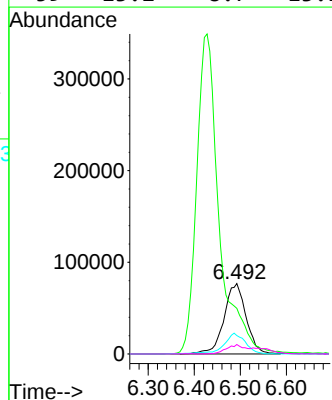
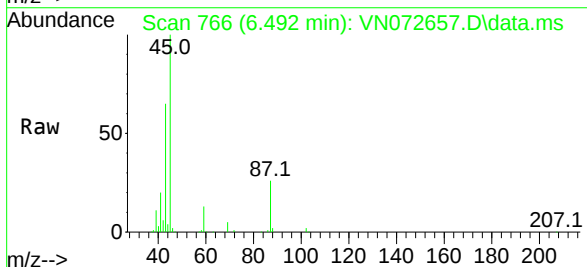
Manual Integrations
APPROVED

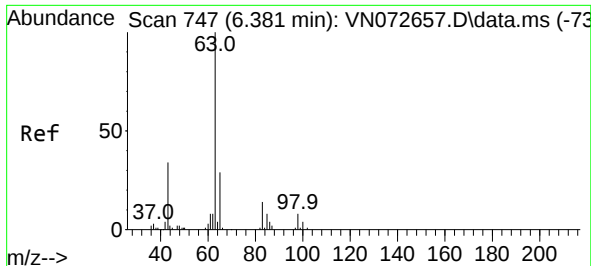
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022



#20
Diisopropyl ether
Concen: 20.504 ug/l
RT: 6.492 min Scan# 766
Delta R.T. 0.000 min
Lab File: VN072657.D
Acq: 06 Jun 2022 11:17

Tgt Ion: 45 Resp: 255412
Ion Ratio Lower Upper
45 100
43 61.7 51.0 76.4
87 25.9 25.0 37.4
59 13.2 8.7 13.1#





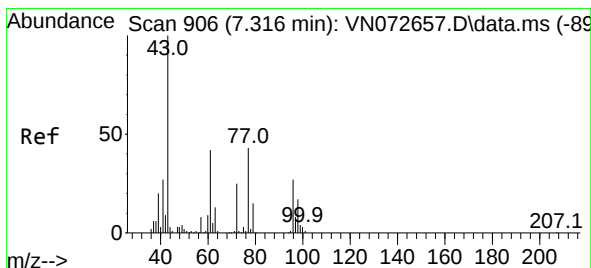
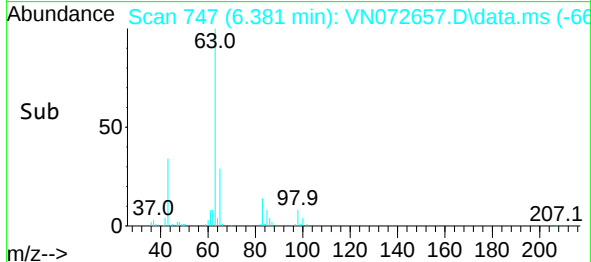
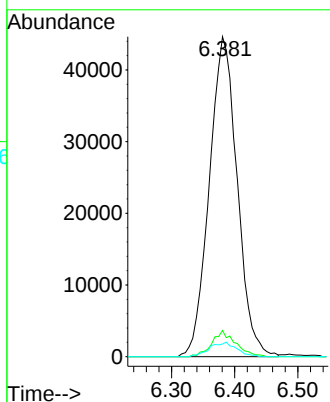
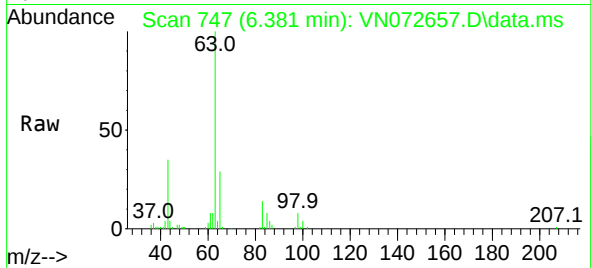
#21
1,1-Dichloroethane
Concen: 21.429 ug/l
RT: 6.381 min Scan# 747
Delta R.T. 0.000 min
Lab File: VN072657.D
Acq: 06 Jun 2022 11:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 63 Resp: 13711
Ion Ratio Lower Upper
63 100
98 8.2 3.2 9.6
100 4.0 2.1 6.2

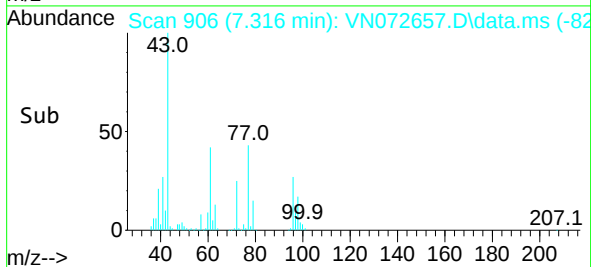
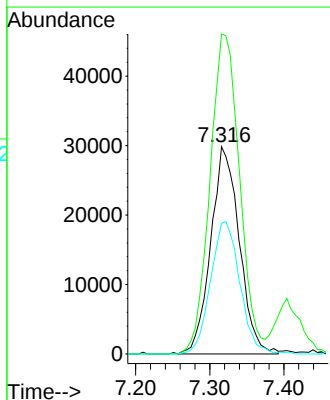
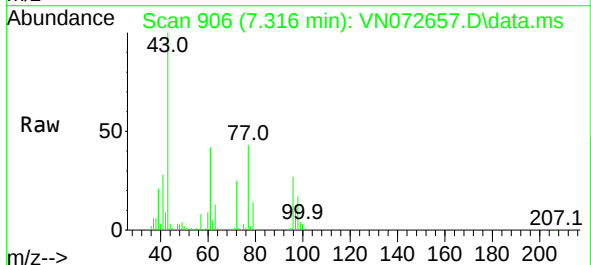
Manual Integrations
APPROVED

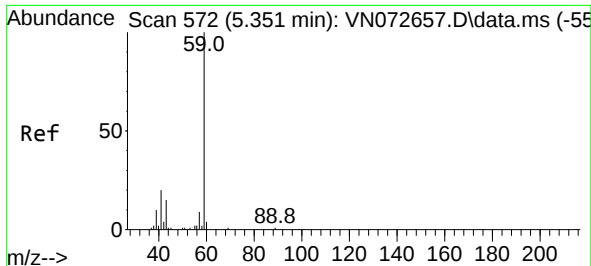
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022



#22
cis-1,2-Dichloroethene
Concen: 21.904 ug/l
RT: 7.316 min Scan# 906
Delta R.T. 0.000 min
Lab File: VN072657.D
Acq: 06 Jun 2022 11:17

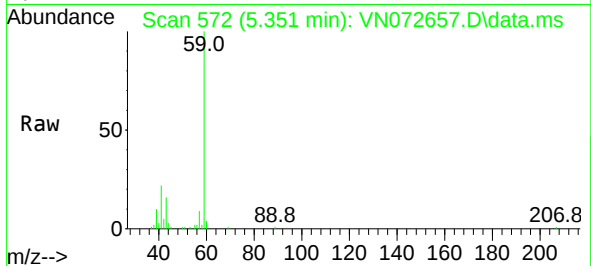
Tgt Ion: 96 Resp: 79847
Ion Ratio Lower Upper
96 100
61 160.4 115.7 173.5
98 65.3 51.6 77.4





#23
tert-Butyl Alcohol
Concen: 141.830 ug/l
RT: 5.351 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN072657.D
Acq: 06 Jun 2022 11:17

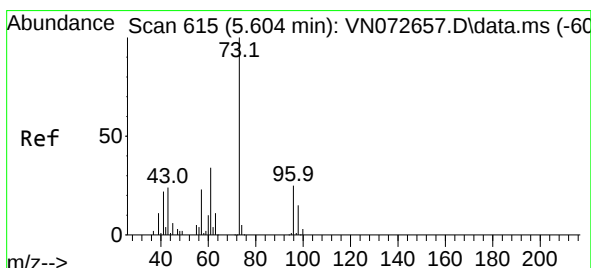
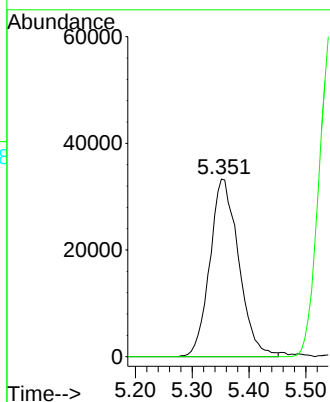
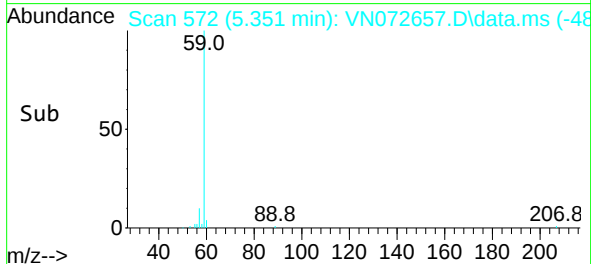
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



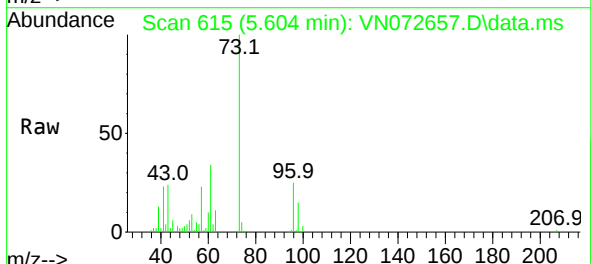
Tgt Ion: 59 Resp: 11748
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

Manual Integrations
APPROVED

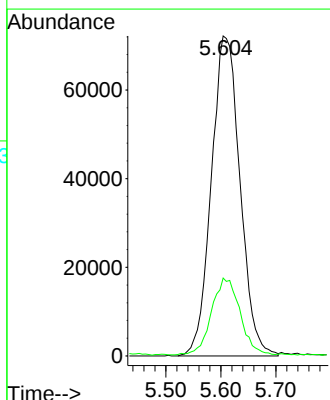
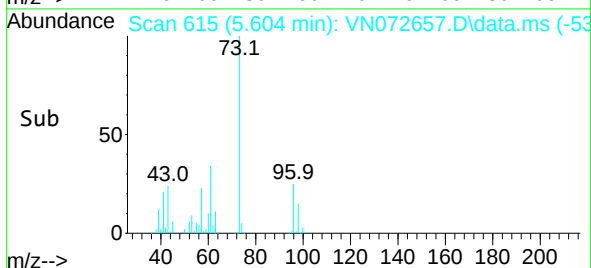
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022

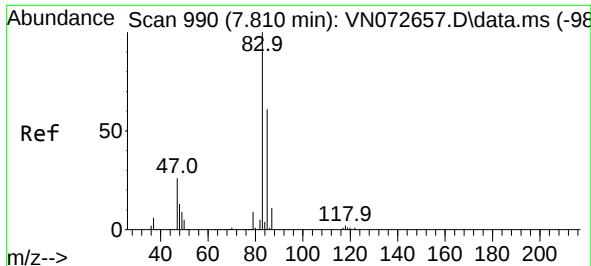


#24
Methyl tert-Butyl Ether
Concen: 24.978 ug/l
RT: 5.604 min Scan# 615
Delta R.T. 0.000 min
Lab File: VN072657.D
Acq: 06 Jun 2022 11:17



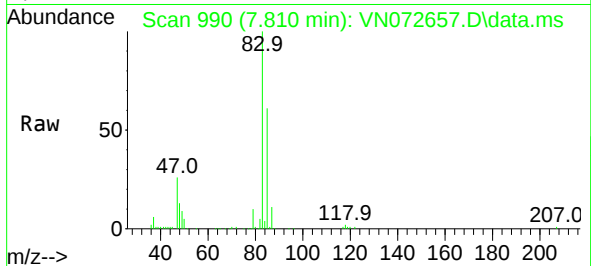
Tgt Ion: 73 Resp: 261756
Ion Ratio Lower Upper
73 100
43 23.6 18.1 27.1





#25
Chloroform
Concen: 21.768 ug/l
RT: 7.810 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN072657.D
Acq: 06 Jun 2022 11:17

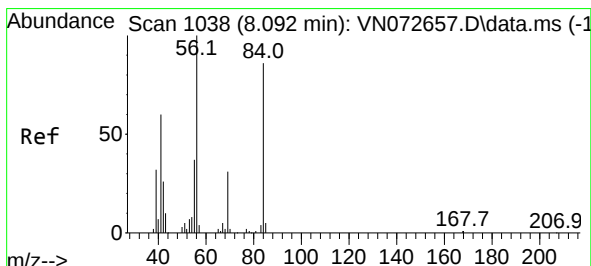
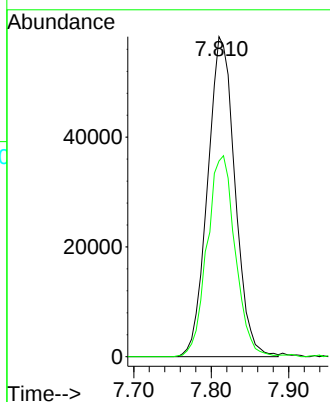
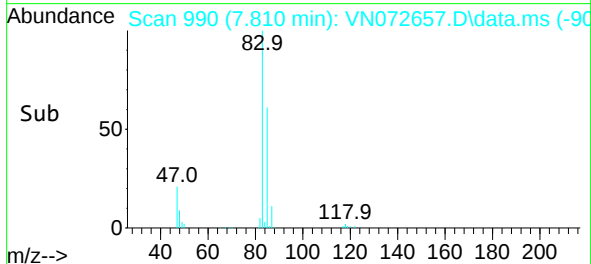
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



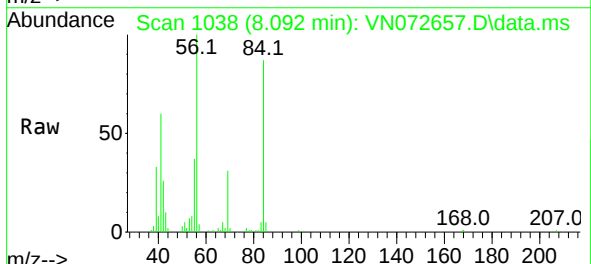
Tgt Ion: 83 Resp: 143063
Ion Ratio Lower Upper
83 100
85 60.9 51.3 76.9

Manual Integrations
APPROVED

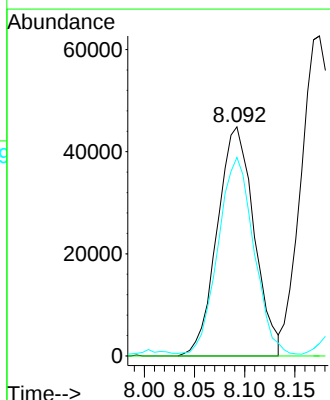
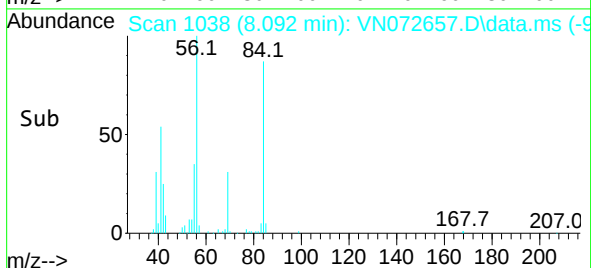
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022

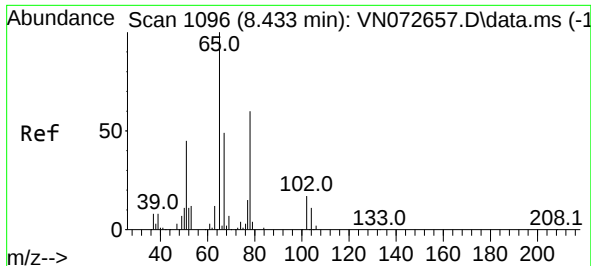


#26
Cyclohexane
Concen: 19.260 ug/l
RT: 8.092 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VN072657.D
Acq: 06 Jun 2022 11:17



Tgt Ion: 56 Resp: 114833
Ion Ratio Lower Upper
56 100
89 0.0 0.1 0.1#
84 85.1 74.6 111.8





#27

1,2-Dichloroethane-d4

Concen: 35.050 ug/l

RT: 8.433 min Scan# 1096

Delta R.T. 0.000 min

Lab File: VN072657.D

Acq: 06 Jun 2022 11:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

Tgt Ion: 65 Resp: 154720

Ion Ratio Lower Upper

65 100

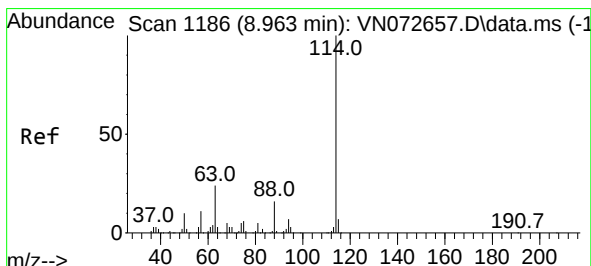
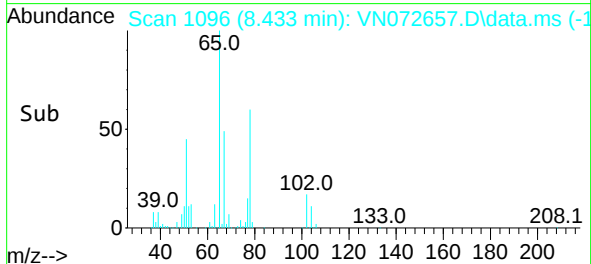
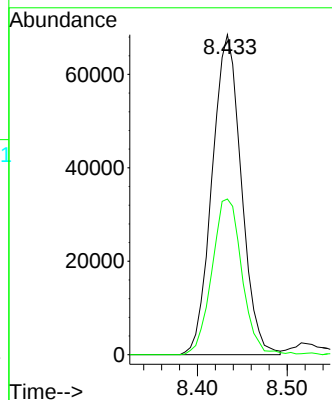
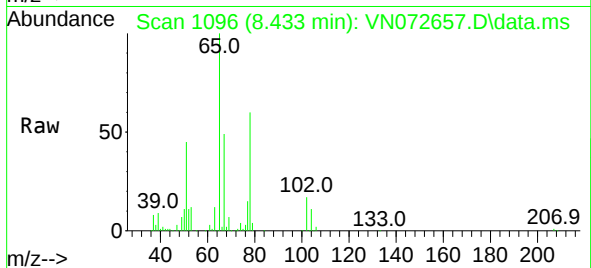
67 49.5 40.2 60.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/07/2022

Supervised By :Mahesh Dadoda 06/07/2022



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. 0.000 min

Lab File: VN072657.D

Acq: 06 Jun 2022 11:17

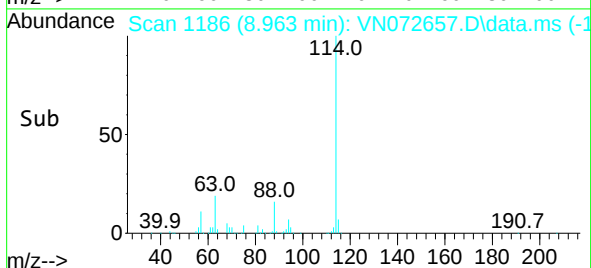
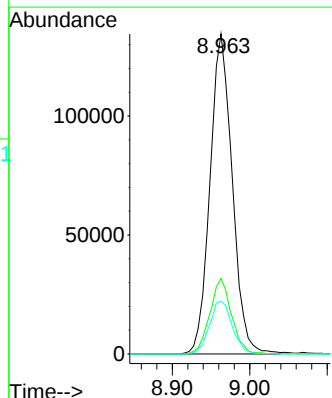
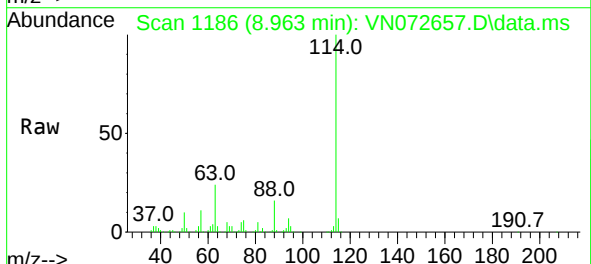
Tgt Ion:114 Resp: 268315

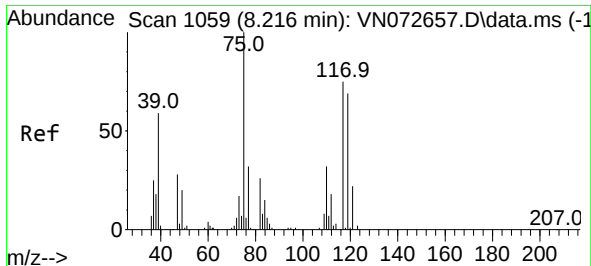
Ion Ratio Lower Upper

114 100

63 22.9 15.8 23.6

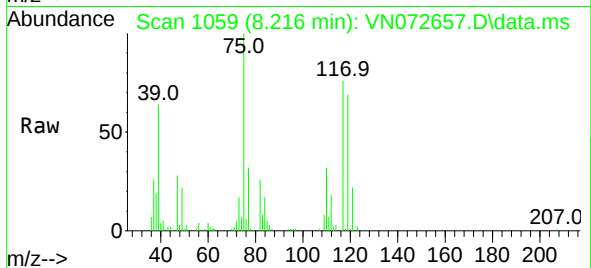
88 16.9 11.6 17.4





#29
1,1-Dichloropropene
Concen: 19.779 ug/l
RT: 8.216 min Scan# 1059
Delta R.T. 0.000 min
Lab File: VN072657.D
Acq: 06 Jun 2022 11:17

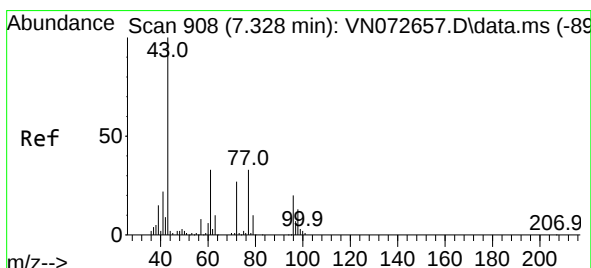
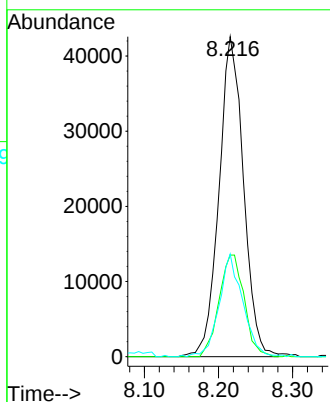
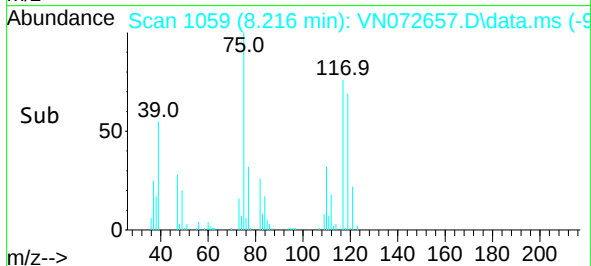
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



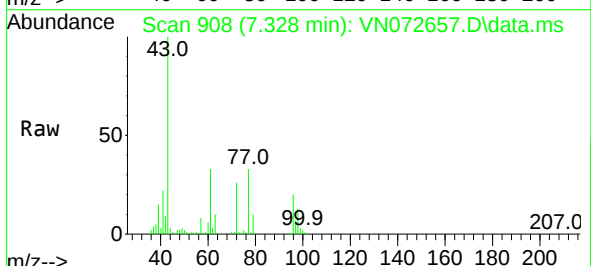
Tgt Ion: 75 Resp: 97714
Ion Ratio Lower Upper
75 100
110 32.5 0.0 74.2
77 30.4 0.0 63.2

Manual Integrations
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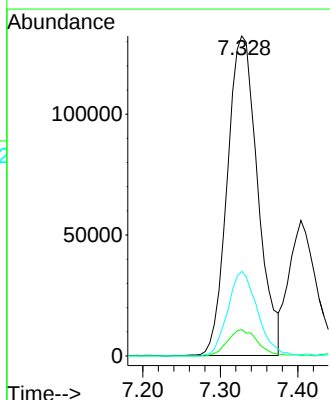
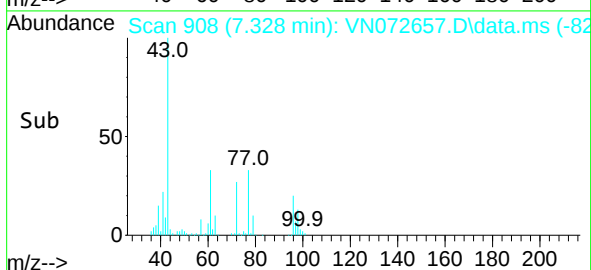
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022



#30
2-Butanone
Concen: 107.398 ug/l
RT: 7.328 min Scan# 908
Delta R.T. 0.000 min
Lab File: VN072657.D
Acq: 06 Jun 2022 11:17



Tgt Ion: 43 Resp: 360941
Ion Ratio Lower Upper
43 100
57 8.2 6.7 10.1
72 25.8 23.2 34.8





#31

2,2-Dichloropropane

Concen: 25.434 ug/l

RT: 7.316 min Scan# 906

Delta R.T. 0.000 min

Lab File: VN072657.D

Acq: 06 Jun 2022 11:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

Tgt Ion: 77 Resp: 13532

Ion Ratio Lower Upper

77 100

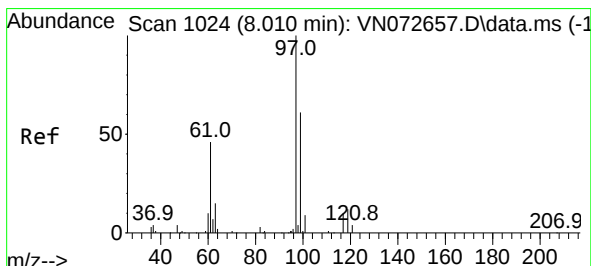
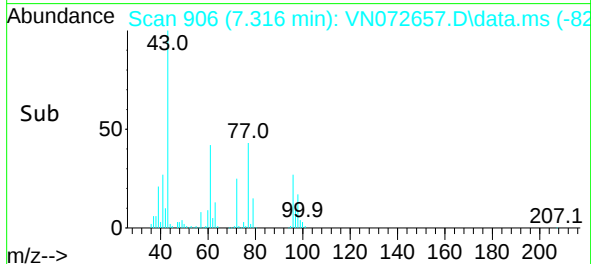
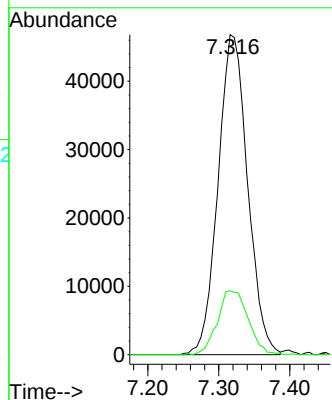
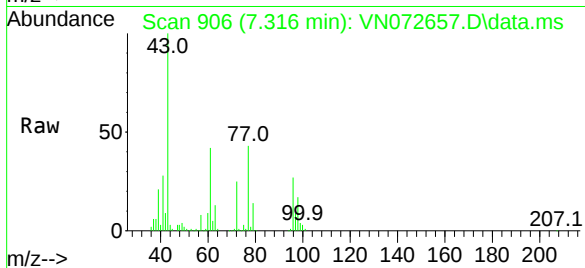
97 20.8 18.3 27.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/07/2022

Supervised By :Mahesh Dadoda 06/07/2022



#32

1,1,1-Trichloroethane

Concen: 23.014 ug/l

RT: 8.010 min Scan# 1024

Delta R.T. 0.000 min

Lab File: VN072657.D

Acq: 06 Jun 2022 11:17

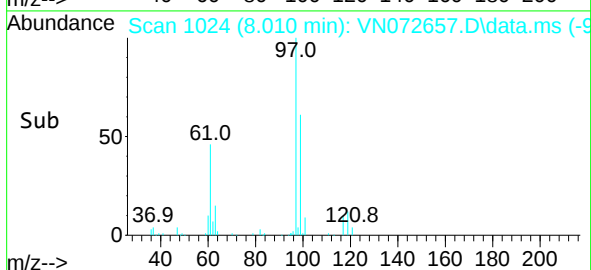
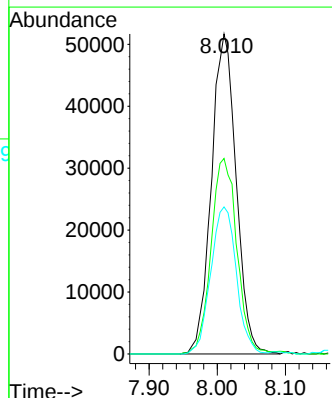
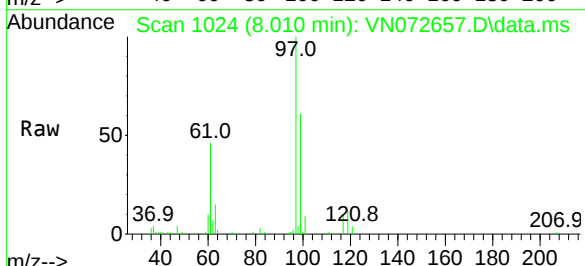
Tgt Ion: 97 Resp: 130814

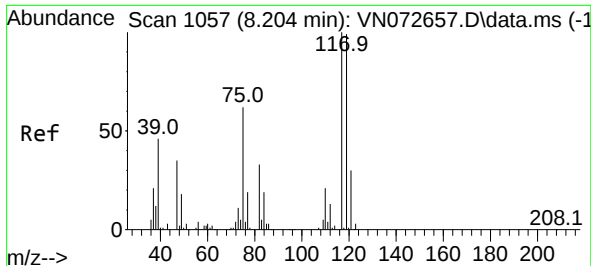
Ion Ratio Lower Upper

97 100

99 63.4 50.4 75.6

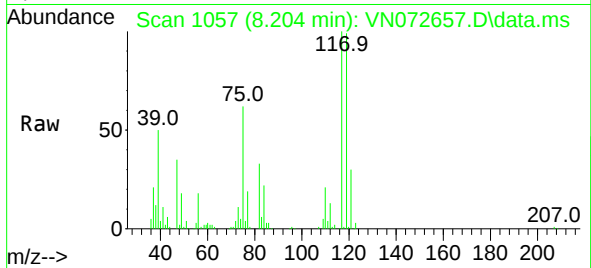
61 47.4 34.6 51.8





#33
Carbon Tetrachloride
Concen: 22.273 ug/l
RT: 8.204 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VN072657.D
Acq: 06 Jun 2022 11:17

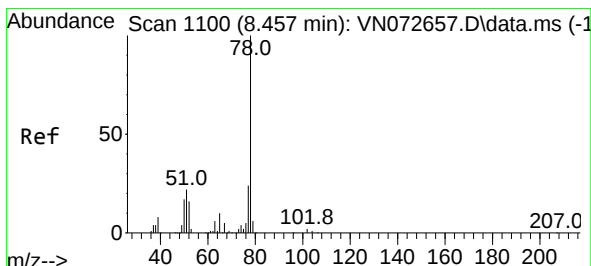
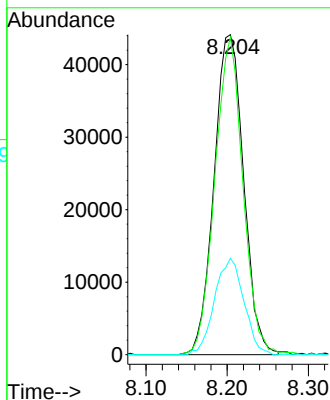
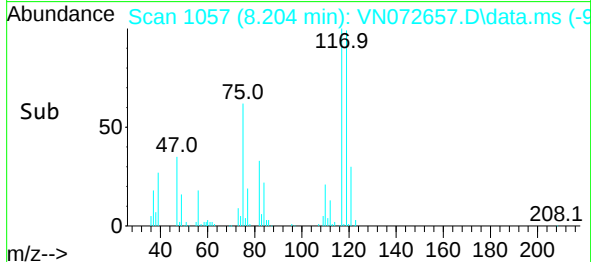
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion:117 Resp: 111892
Ion Ratio Lower Upper
117 100
119 99.2 77.5 116.3
121 30.1 23.5 35.3

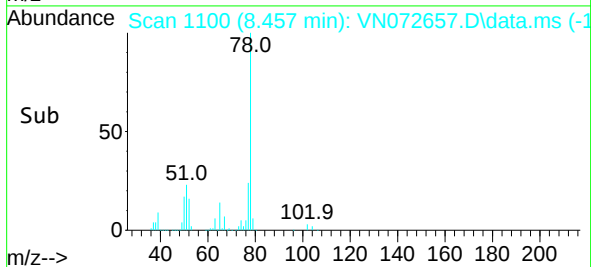
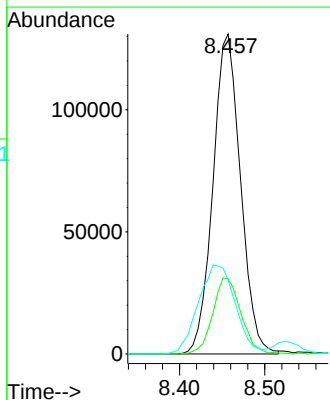
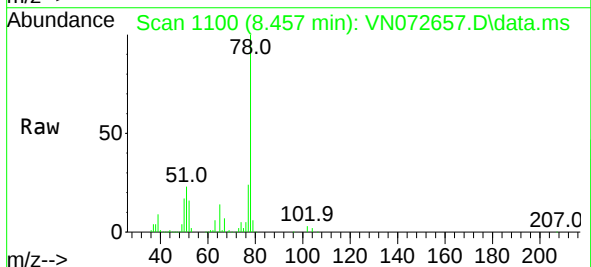
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022



#34
Benzene
Concen: 19.135 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN072657.D
Acq: 06 Jun 2022 11:17

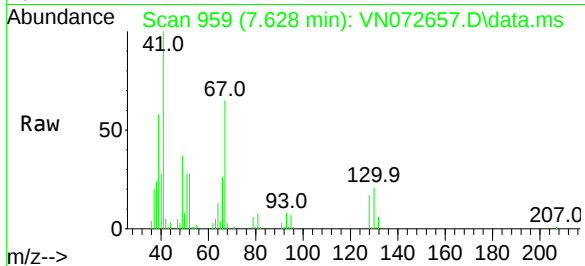
Tgt Ion: 78 Resp: 294107
Ion Ratio Lower Upper
78 100
77 23.5 19.1 28.7
51 22.0 16.0 24.0





#35
Methacrylonitrile
Concen: 19.487 ug/l
RT: 7.628 min Scan# 959
Delta R.T. 0.000 min
Lab File: VN072657.D
Acq: 06 Jun 2022 11:17

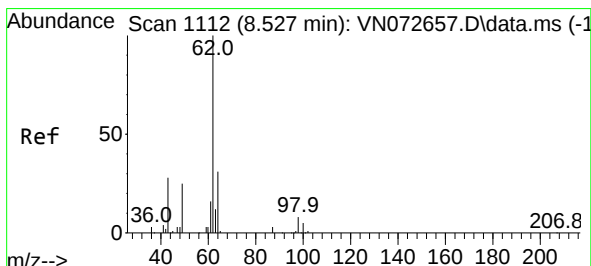
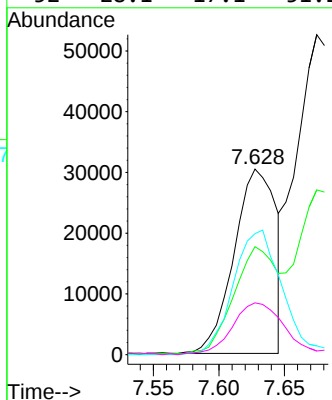
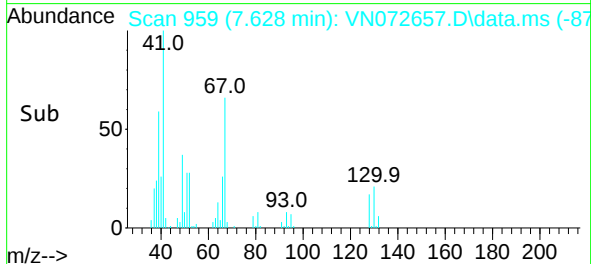
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



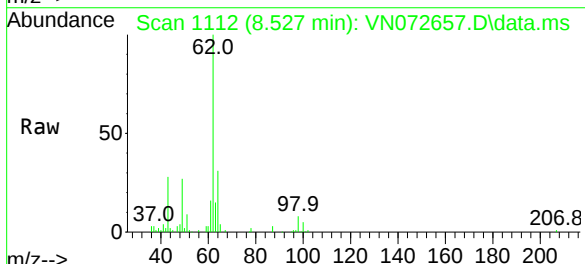
Tgt Ion: 41 Resp: 6735
Ion Ratio Lower Upper
41 100
39 57.9 28.0 83.9
67 65.6 37.7 113.1
52 28.1 17.1 51.2

Manual Integrations
APPROVED

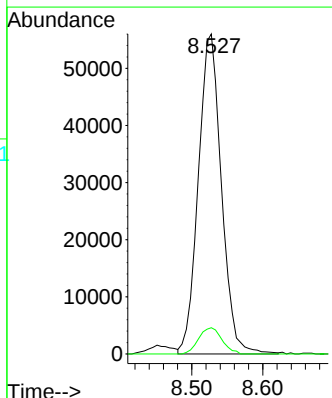
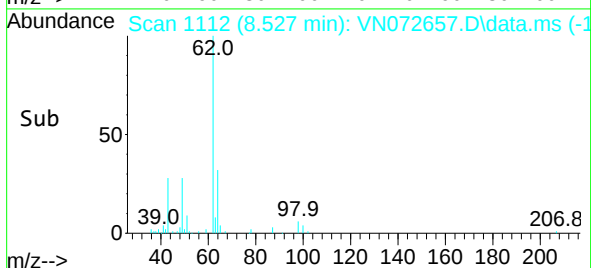
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022

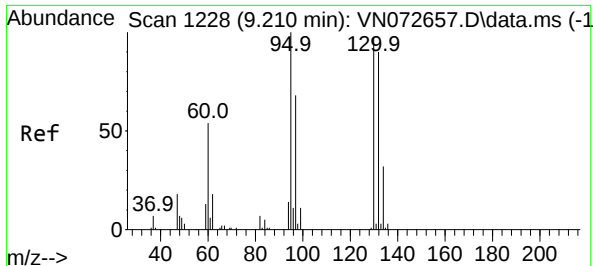


#36
1,2-Dichloroethane
Concen: 23.883 ug/l
RT: 8.527 min Scan# 1112
Delta R.T. 0.000 min
Lab File: VN072657.D
Acq: 06 Jun 2022 11:17



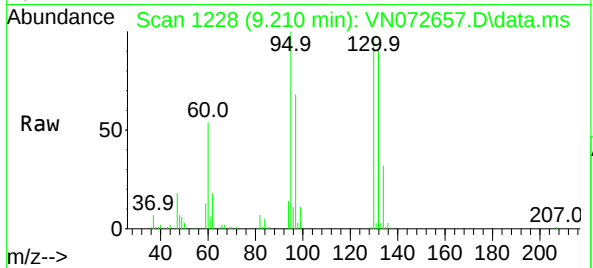
Tgt Ion: 62 Resp: 126864
Ion Ratio Lower Upper
62 100
98 8.3 6.6 10.0





#37
Trichloroethene
Concen: 18.990 ug/l
RT: 9.210 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VN072657.D
Acq: 06 Jun 2022 11:17

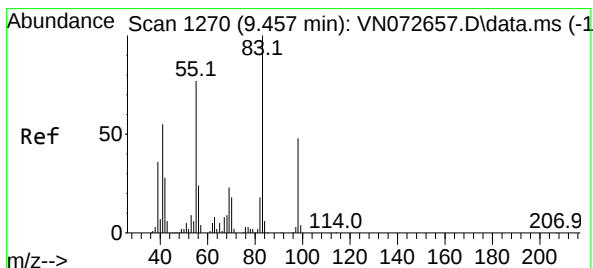
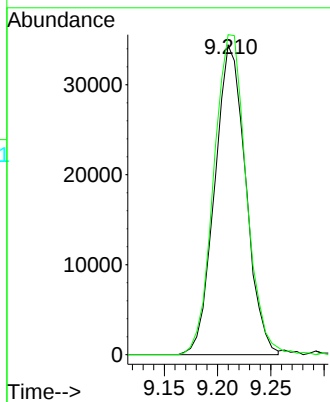
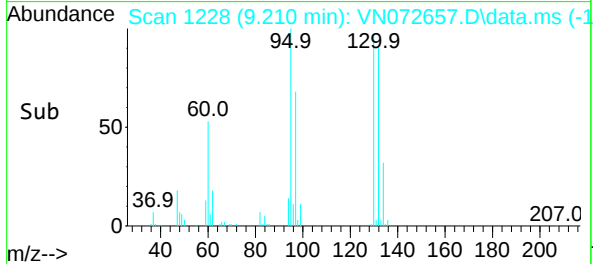
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



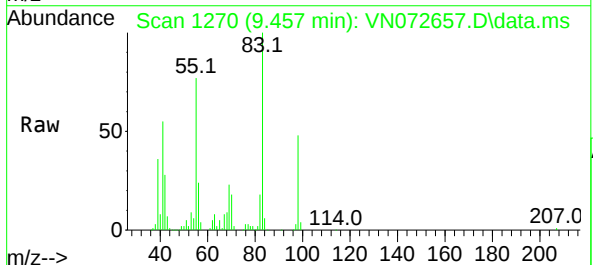
Tgt Ion:130 Resp: 6969
Ion Ratio Lower Upper
130 100
95 103.4 76.6 115.0

Manual Integrations
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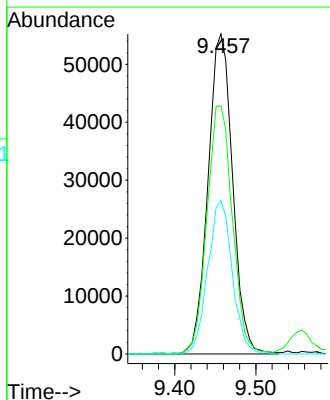
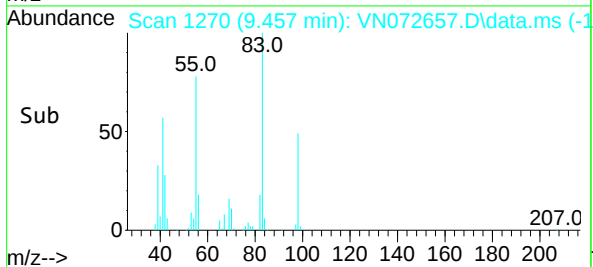
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022

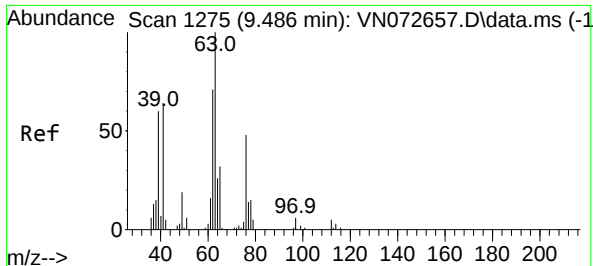


#38
Methylcyclohexane
Concen: 19.067 ug/l
RT: 9.457 min Scan# 1270
Delta R.T. 0.000 min
Lab File: VN072657.D
Acq: 06 Jun 2022 11:17



Tgt Ion: 83 Resp: 116312
Ion Ratio Lower Upper
83 100
55 80.3 35.1 105.3
98 47.7 23.4 70.2





#39

1,2-Dichloropropane

Concen: 19.541 ug/l

RT: 9.486 min Scan# 1275

Delta R.T. 0.000 min

Lab File: VN072657.D

Acq: 06 Jun 2022 11:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

Tgt Ion: 63 Resp: 8062

Ion Ratio Lower Upper

63 100

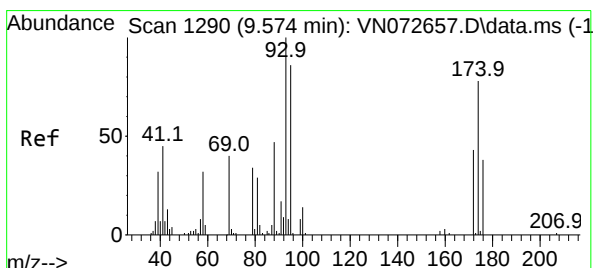
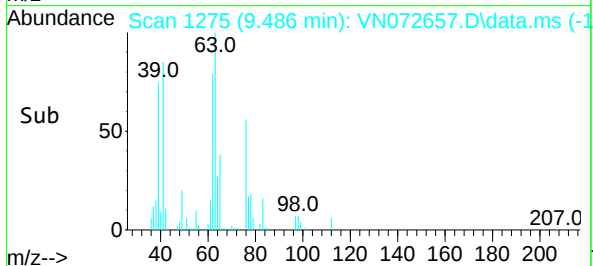
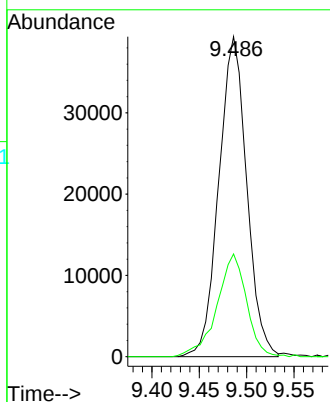
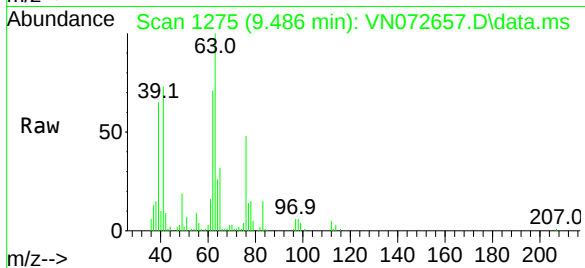
65 31.7 24.2 36.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/07/2022

Supervised By :Mahesh Dadoda 06/07/2022



#40

Dibromomethane

Concen: 20.739 ug/l

RT: 9.574 min Scan# 1290

Delta R.T. 0.000 min

Lab File: VN072657.D

Acq: 06 Jun 2022 11:17

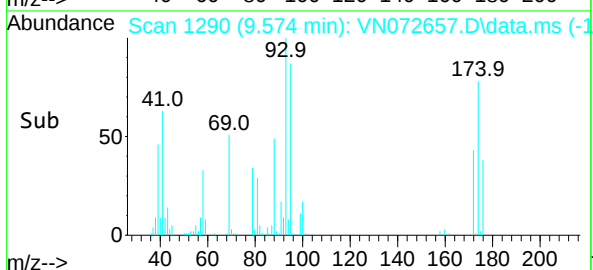
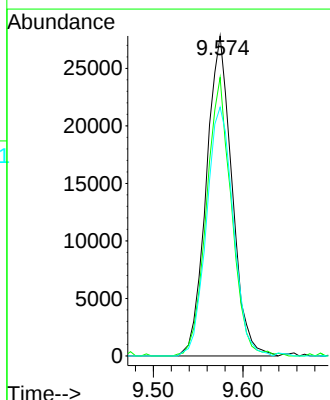
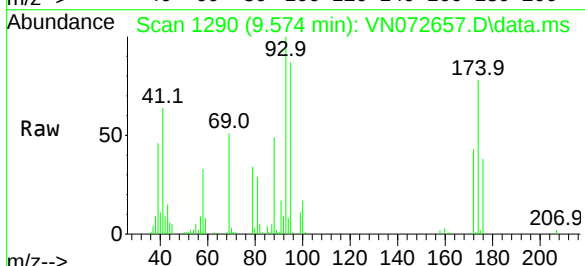
Tgt Ion: 93 Resp: 55134

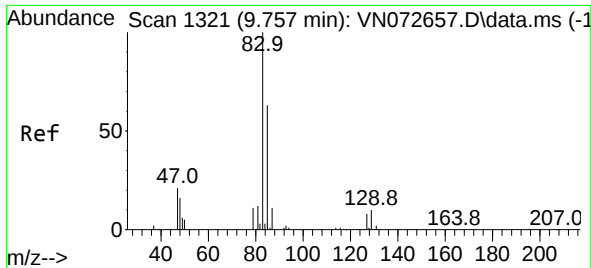
Ion Ratio Lower Upper

93 100

95 84.5 0.0 168.8

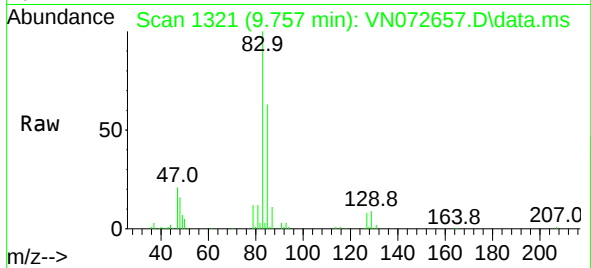
174 81.1 0.0 173.6





#41
Bromodichloromethane
Concen: 22.117 ug/l
RT: 9.757 min Scan# 1321
Delta R.T. 0.000 min
Lab File: VN072657.D
Acq: 06 Jun 2022 11:17

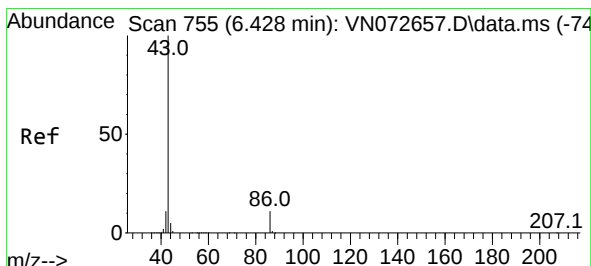
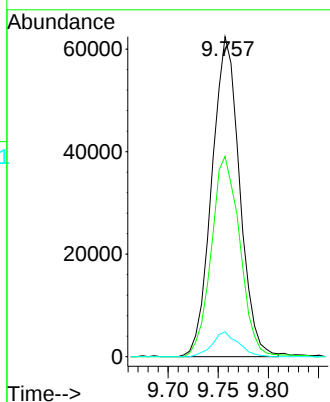
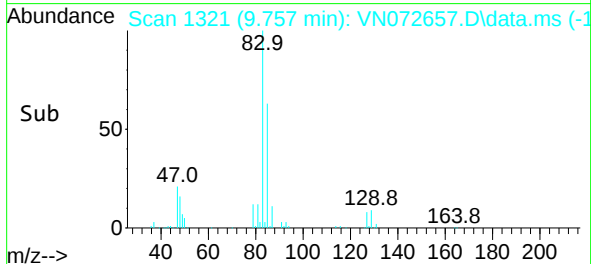
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion: 83 Resp: 120154
Ion Ratio Lower Upper
83 100
85 62.6 54.1 81.1
127 7.7 7.6 11.4

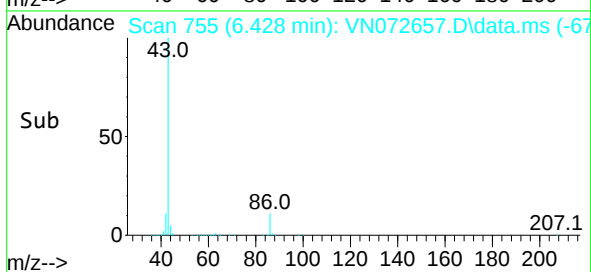
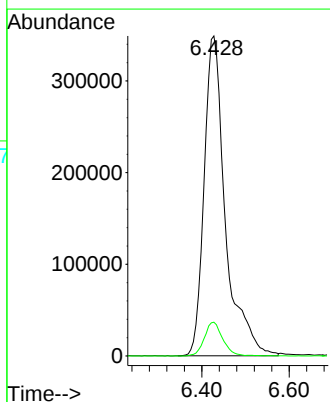
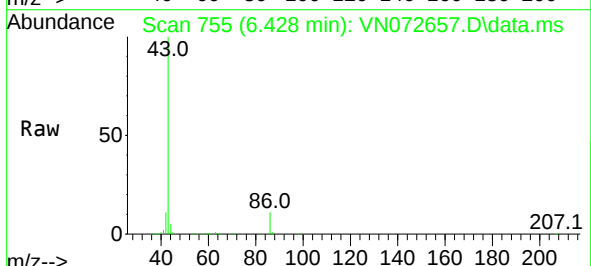
Manual Integrations
APPROVED

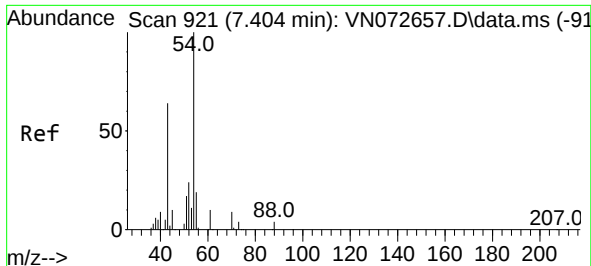
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022



#42
Vinyl Acetate
Concen: 107.182 ug/l
RT: 6.428 min Scan# 755
Delta R.T. 0.000 min
Lab File: VN072657.D
Acq: 06 Jun 2022 11:17

Tgt Ion: 43 Resp: 1181806
Ion Ratio Lower Upper
43 100
86 9.1 7.5 11.3





#43

Ethyl Acetate

Concen: 21.683 ug/l

RT: 7.404 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN072657.D

Acq: 06 Jun 2022 11:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

Tgt Ion: 43 Resp: 142045

Ion Ratio Lower Upper

43 100

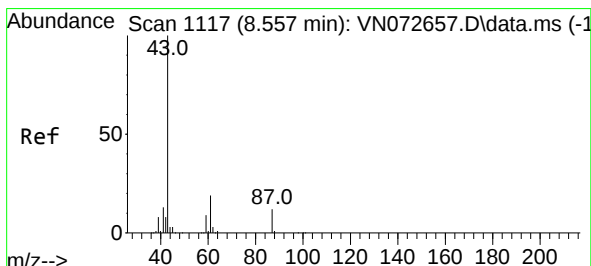
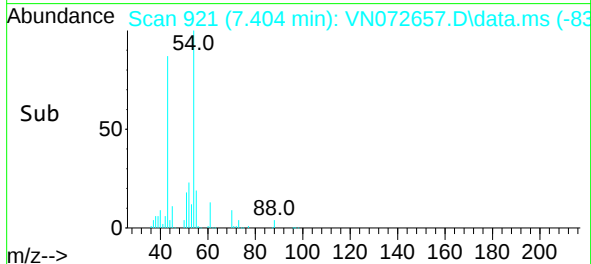
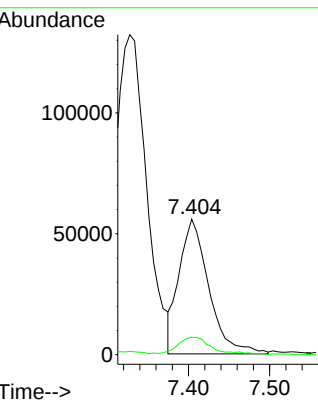
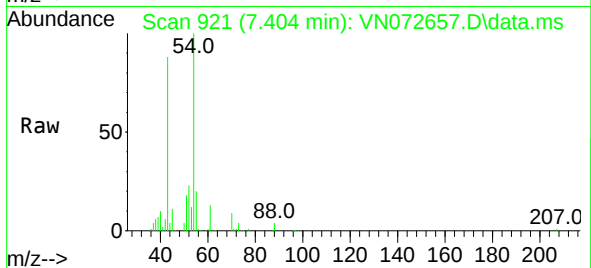
45 12.0 10.6 16.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/07/2022

Supervised By :Mahesh Dadoda 06/07/2022



#44

Isopropyl Acetate

Concen: 22.247 ug/l

RT: 8.557 min Scan# 1117

Delta R.T. 0.000 min

Lab File: VN072657.D

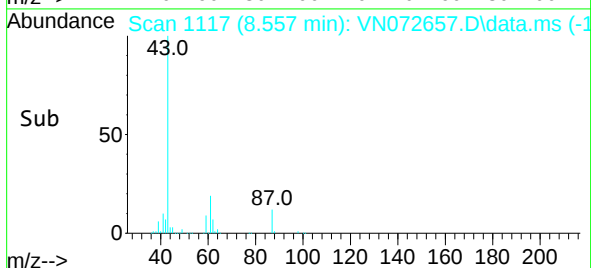
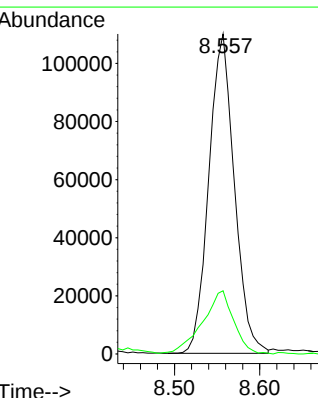
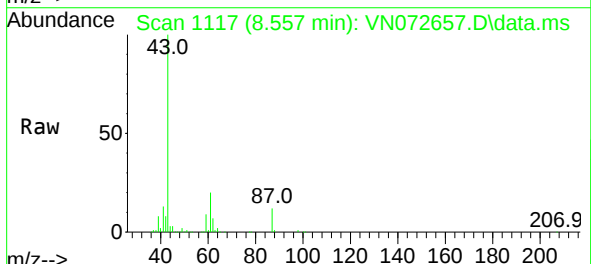
Acq: 06 Jun 2022 11:17

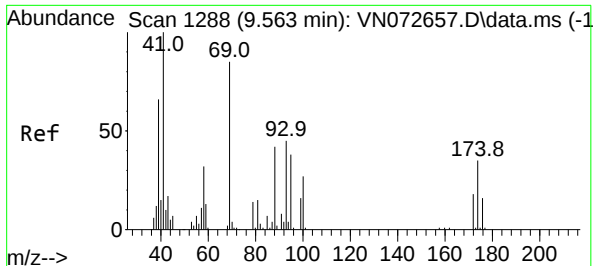
Tgt Ion: 43 Resp: 229023

Ion Ratio Lower Upper

43 100

61 24.1 20.1 30.1





#45

1,4-Dioxane

Concen: 451.823 ug/l

RT: 9.563 min Scan# 1288

Delta R.T. 0.000 min

Lab File: VN072657.D

Acq: 06 Jun 2022 11:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

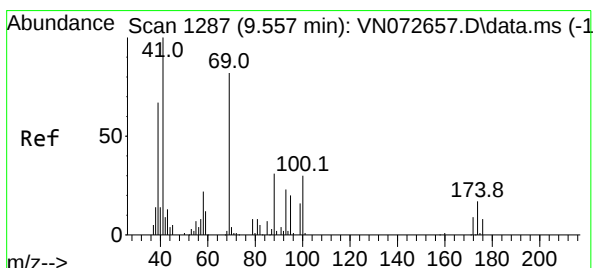
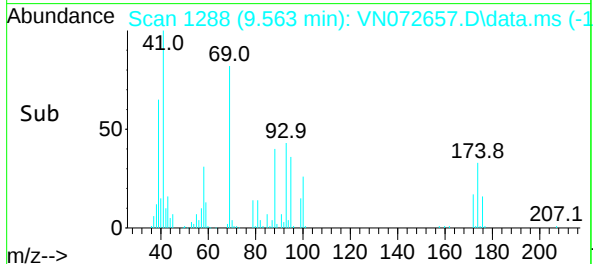
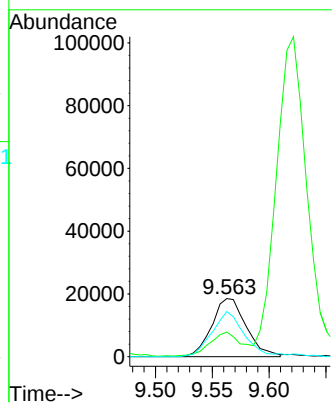
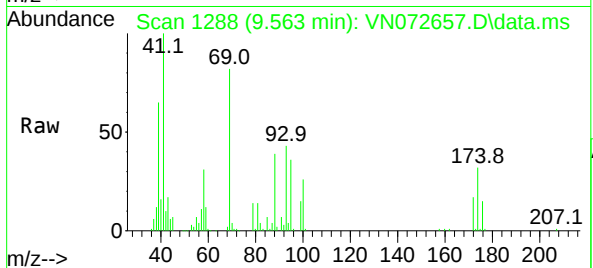
Tgt Ion:	88	Resp:	38950
Ion Ratio	Lower	Upper	
88	100		
43	39.3	25.0	37.6
58	71.8	49.4	74.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/07/2022

Supervised By :Mahesh Dadoda 06/07/2022



#46

Methyl methacrylate

Concen: 20.722 ug/l

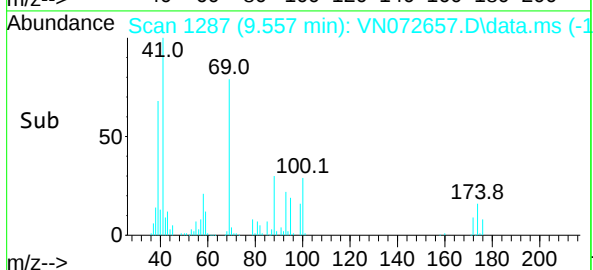
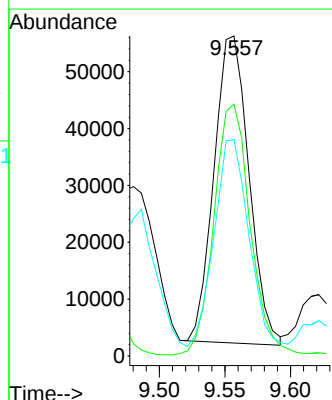
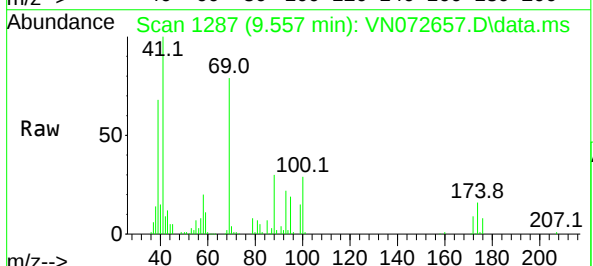
RT: 9.557 min Scan# 1287

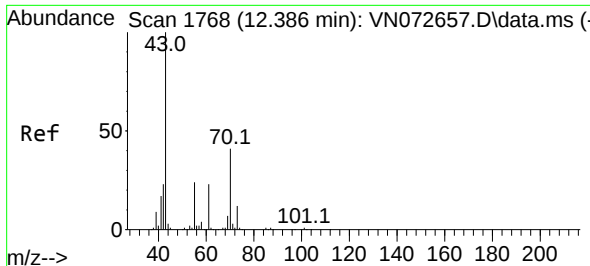
Delta R.T. 0.000 min

Lab File: VN072657.D

Acq: 06 Jun 2022 11:17

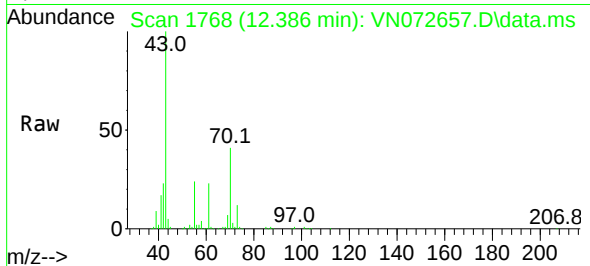
Tgt Ion:	41	Resp:	100025
Ion Ratio	Lower	Upper	
41	100		
69	81.9	44.4	133.2
39	66.7	39.9	119.6





#47
n-amy1 Acetate
Concen: 21.669 ug/l
RT: 12.386 min Scan# 1768
Delta R.T. 0.000 min
Lab File: VN072657.D
Acq: 06 Jun 2022 11:17

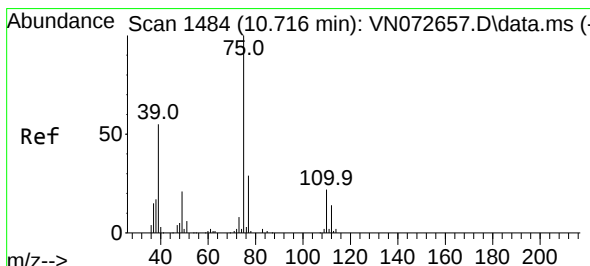
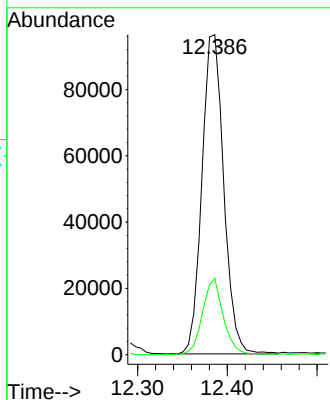
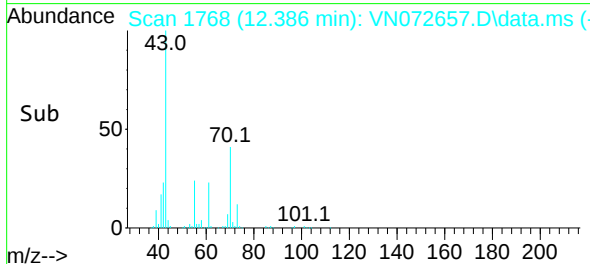
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



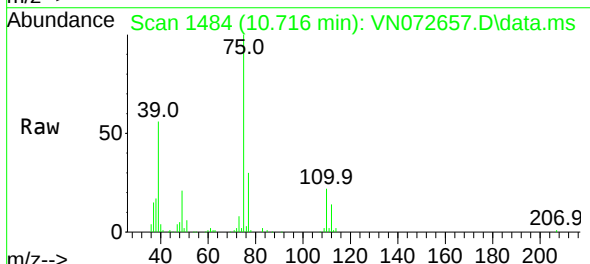
Tgt Ion: 43 Resp: 162632
Ion Ratio Lower Upper
43 100
55 23.0 19.0 28.6

Manual Integrations
APPROVED

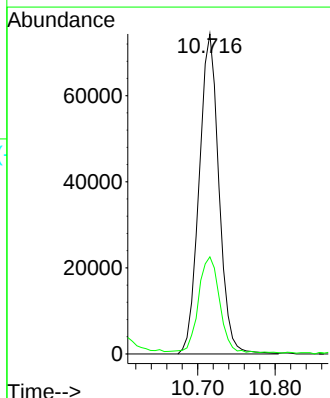
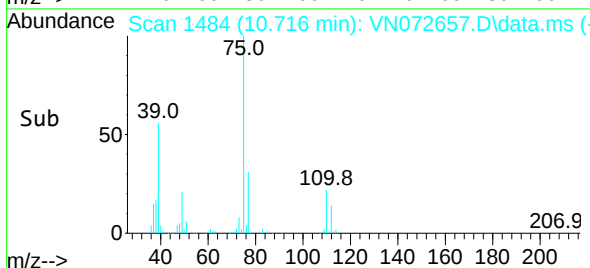
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022

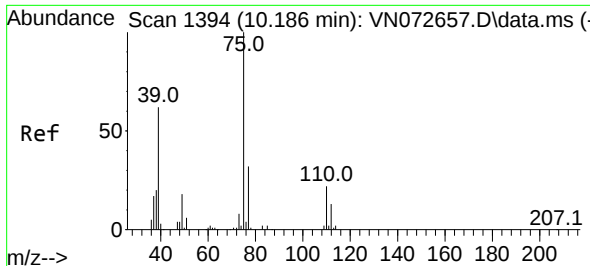


#48
t-1,3-Dichloropropene
Concen: 22.220 ug/l
RT: 10.716 min Scan# 1484
Delta R.T. 0.000 min
Lab File: VN072657.D
Acq: 06 Jun 2022 11:17



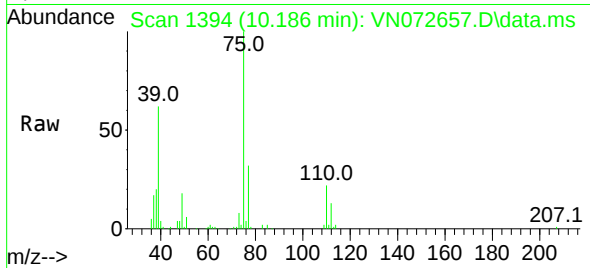
Tgt Ion: 75 Resp: 131764
Ion Ratio Lower Upper
75 100
77 29.9 25.3 37.9





#49
 cis-1,3-Dichloropropene
 Concen: 21.144 ug/l
 RT: 10.186 min Scan# 1394
 Delta R.T. 0.000 min
 Lab File: VN072657.D
 Acq: 06 Jun 2022 11:17

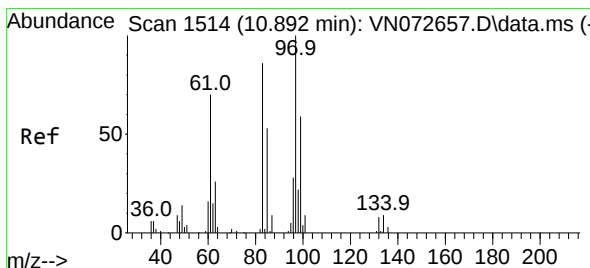
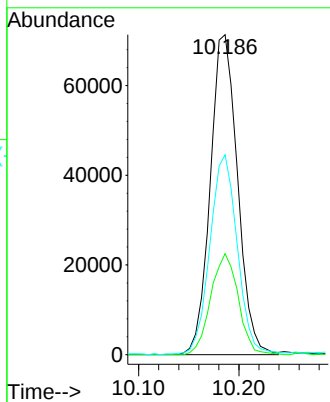
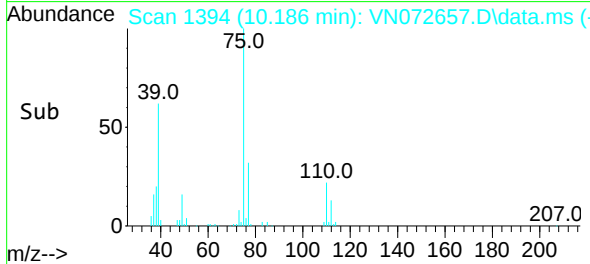
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020



Tgt Ion: 75 Resp: 134880
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.3 37.9
 39 62.0 46.2 69.4

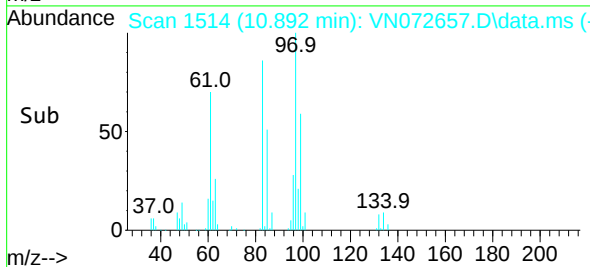
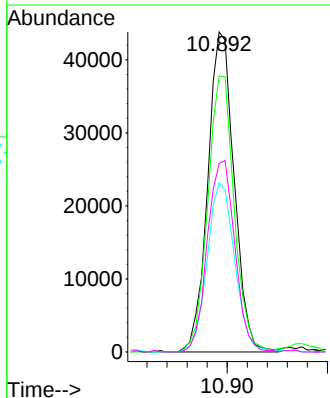
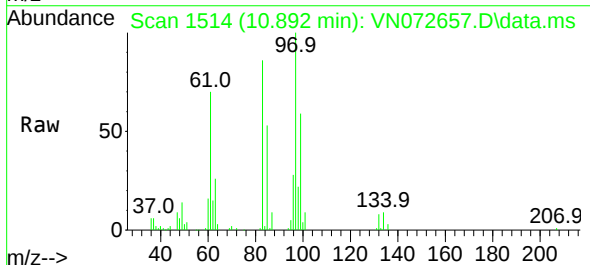
Manual Integrations
 APPROVED

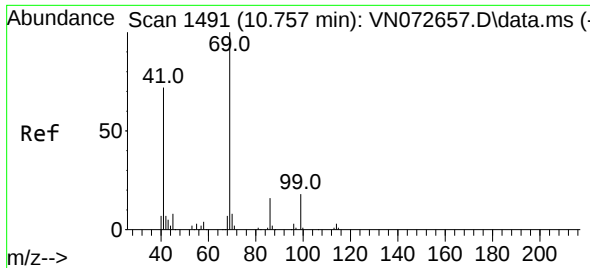
Reviewed By :John Carlone 06/07/2022
 Supervised By :Mahesh Dadoda 06/07/2022



#50
 1,1,2-Trichloroethane
 Concen: 20.599 ug/l
 RT: 10.892 min Scan# 1514
 Delta R.T. 0.000 min
 Lab File: VN072657.D
 Acq: 06 Jun 2022 11:17

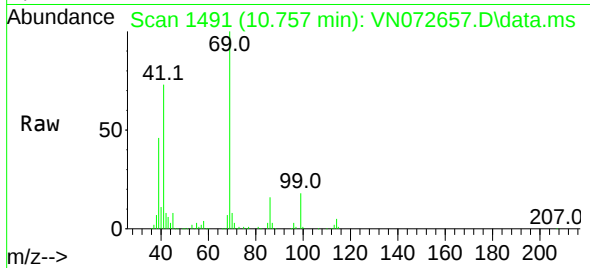
Tgt Ion: 97 Resp: 79995
 Ion Ratio Lower Upper
 97 100
 83 86.3 67.2 100.8
 85 52.8 43.0 64.4
 99 58.9 49.0 73.4





#51
Ethyl methacrylate
Concen: 21.151 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. 0.000 min
Lab File: VN072657.D
Acq: 06 Jun 2022 11:17

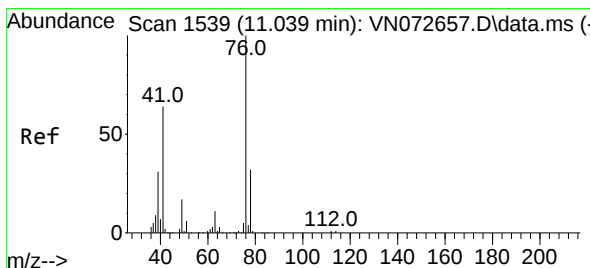
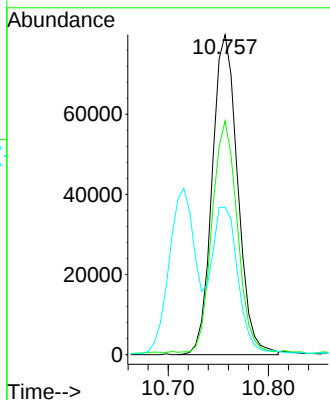
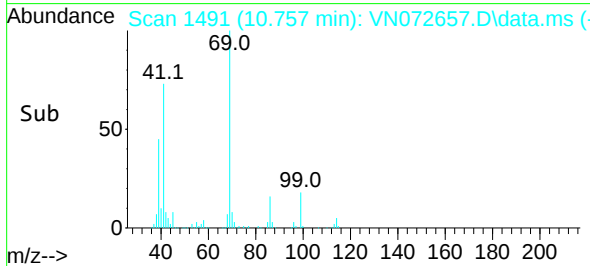
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion: 69 Resp: 140735
Ion Ratio Lower Upper
69 100
41 72.3 33.0 98.9
39 45.1 25.4 76.4

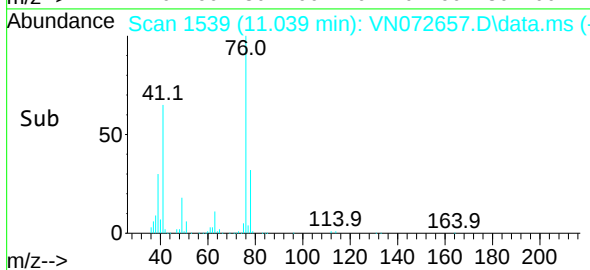
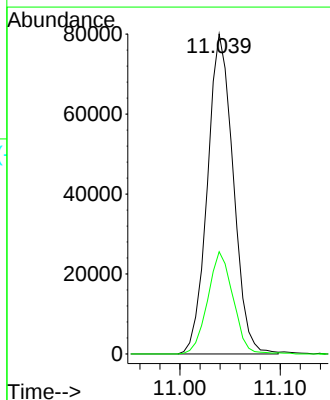
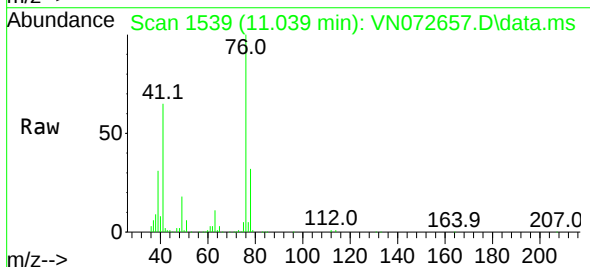
Manual Integrations
APPROVED

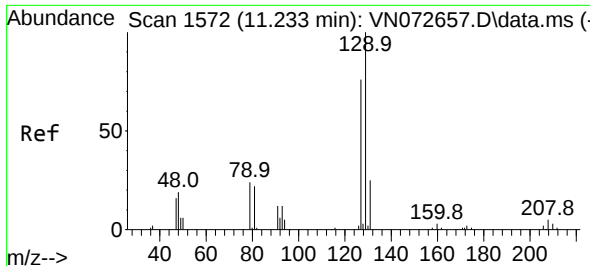
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022



#52
1,3-Dichloropropane
Concen: 20.808 ug/l
RT: 11.039 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VN072657.D
Acq: 06 Jun 2022 11:17

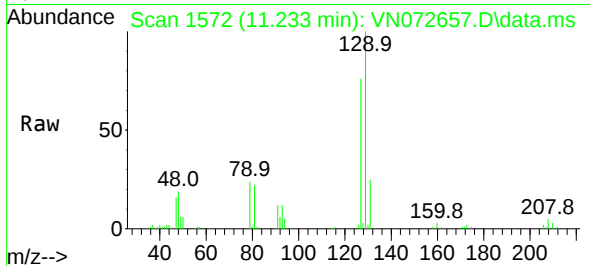
Tgt Ion: 76 Resp: 143139
Ion Ratio Lower Upper
76 100
78 31.2 0.0 65.4





#53
Dibromochloromethane
Concen: 21.285 ug/l
RT: 11.233 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN072657.D
Acq: 06 Jun 2022 11:17

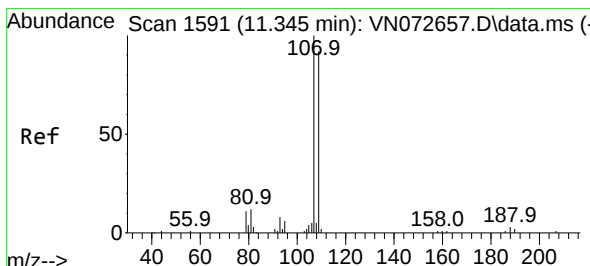
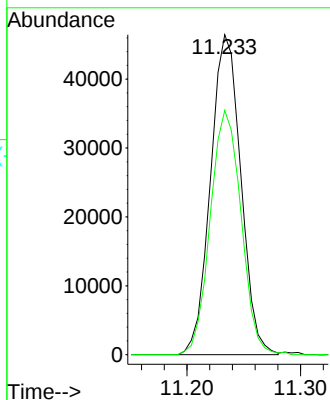
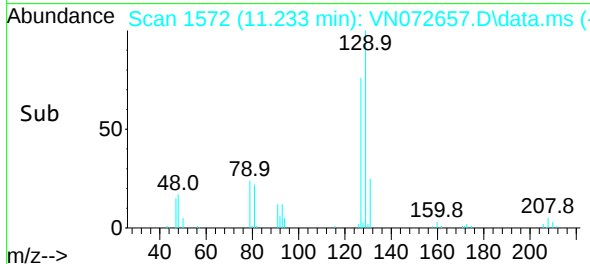
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion:129 Resp: 86054
Ion Ratio Lower Upper
129 100
127 77.5 39.0 117.0

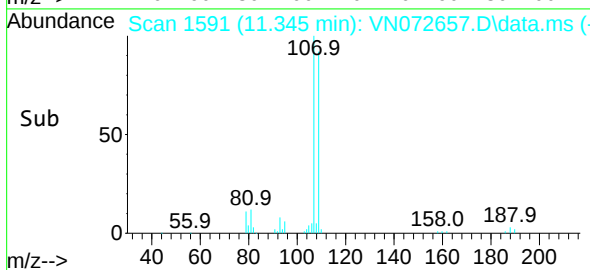
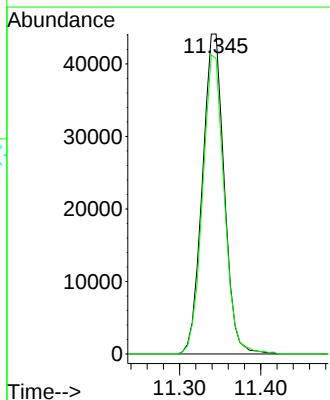
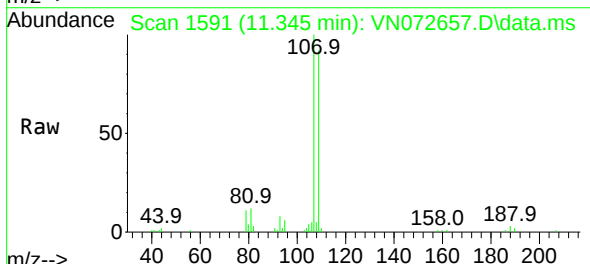
Manual Integrations
APPROVED

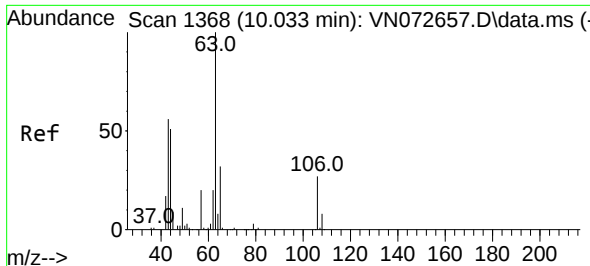
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022



#54
1,2-Dibromoethane
Concen: 20.606 ug/l
RT: 11.345 min Scan# 1591
Delta R.T. 0.000 min
Lab File: VN072657.D
Acq: 06 Jun 2022 11:17

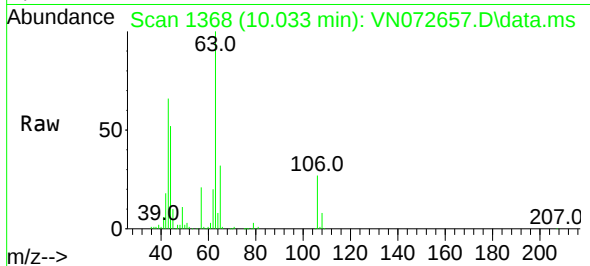
Tgt Ion:107 Resp: 82290
Ion Ratio Lower Upper
107 100
109 92.2 72.8 109.2





#55
2-Chloroethyl vinyl ether
Concen: 89.597 ug/l
RT: 10.033 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VN072657.D
Acq: 06 Jun 2022 11:17

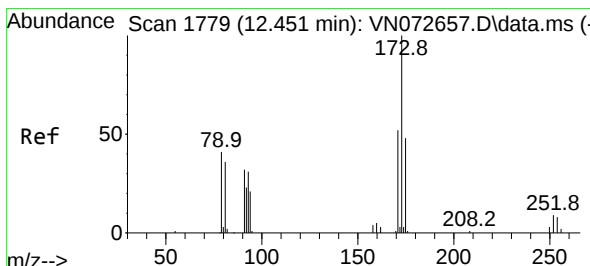
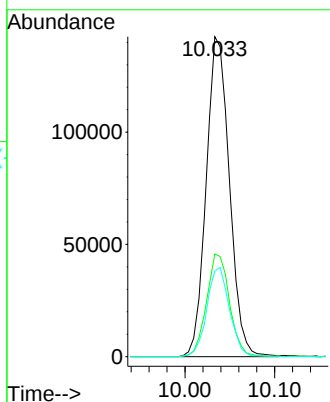
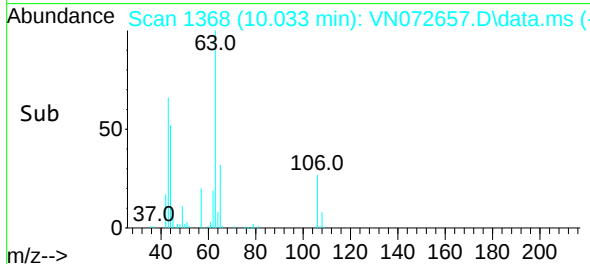
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion: 63 Resp: 256454
Ion Ratio Lower Upper
63 100
65 31.7 25.4 38.0
106 27.1 23.2 34.8

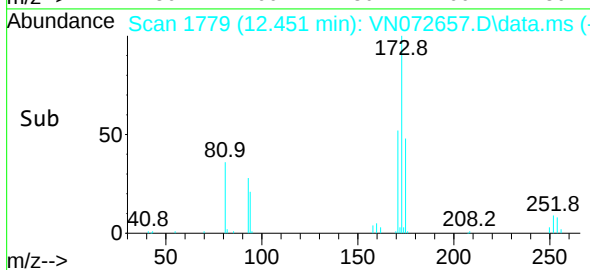
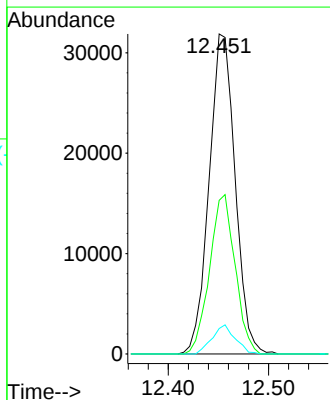
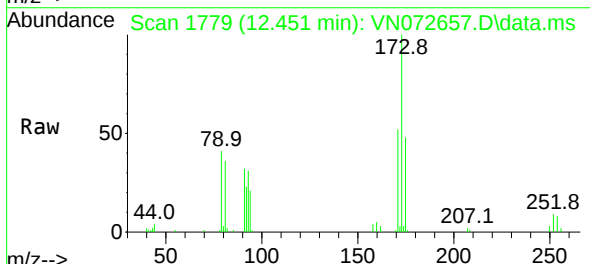
Manual Integrations
APPROVED

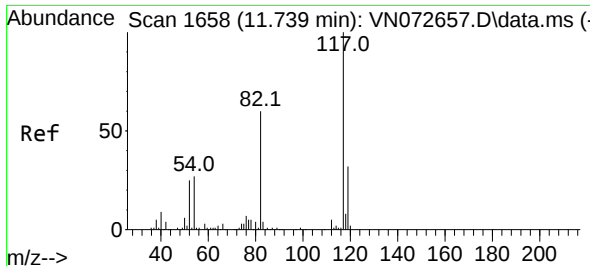
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022



#56
Bromoform
Concen: 20.063 ug/l
RT: 12.451 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VN072657.D
Acq: 06 Jun 2022 11:17

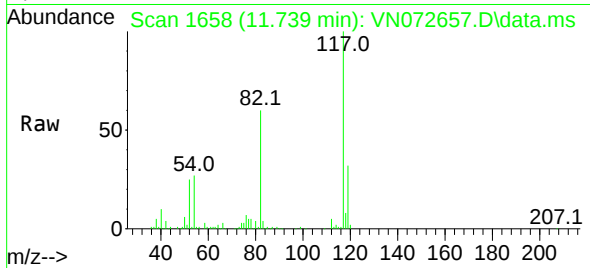
Tgt Ion:173 Resp: 57586
Ion Ratio Lower Upper
173 100
175 48.7 38.6 58.0
254 8.1 0.0 0.0#





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN072657.D
Acq: 06 Jun 2022 11:17

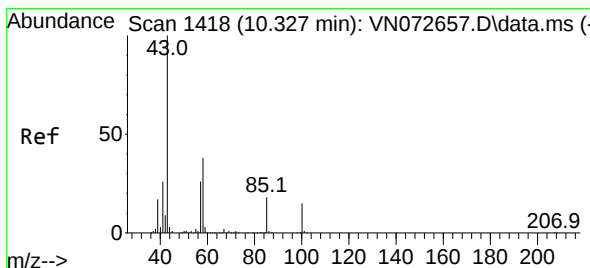
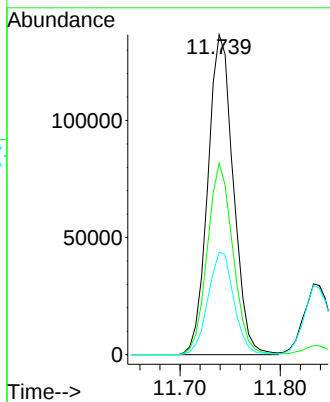
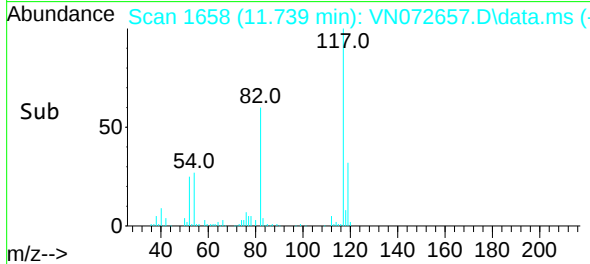
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion: 117 Resp: 241354
Ion Ratio Lower Upper
117 100
82 60.1 43.6 65.4
119 32.5 25.8 38.6

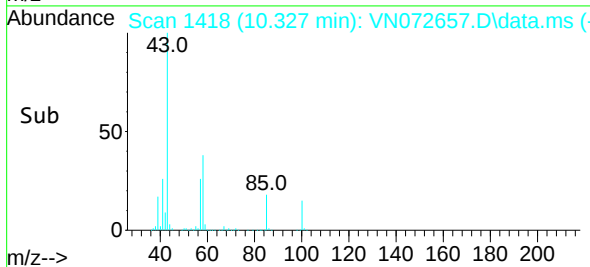
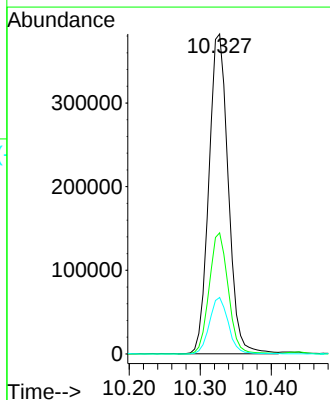
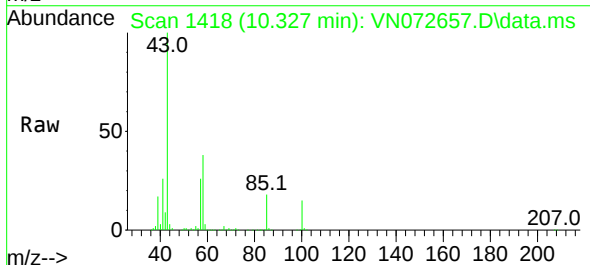
Manual Integrations
APPROVED

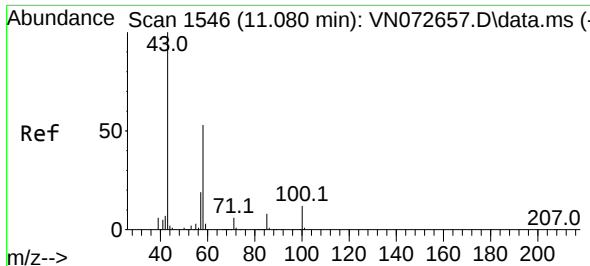
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022



#58
4-Methyl-2-Pentanone
Concen: 104.329 ug/l
RT: 10.327 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VN072657.D
Acq: 06 Jun 2022 11:17

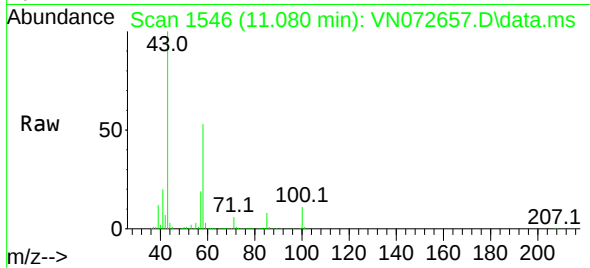
Tgt Ion: 43 Resp: 725150
Ion Ratio Lower Upper
43 100
58 37.3 30.0 45.0
85 17.1 15.0 22.6





#59
2-Hexanone
Concen: 108.075 ug/l
RT: 11.080 min Scan# 1546
Delta R.T. 0.000 min
Lab File: VN072657.D
Acq: 06 Jun 2022 11:17

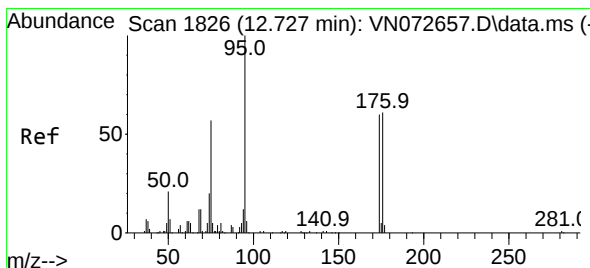
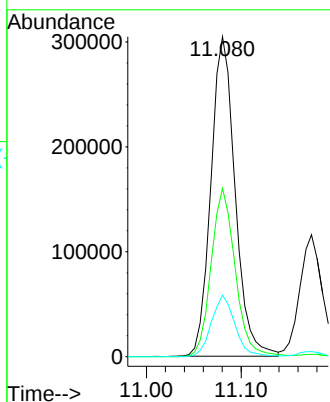
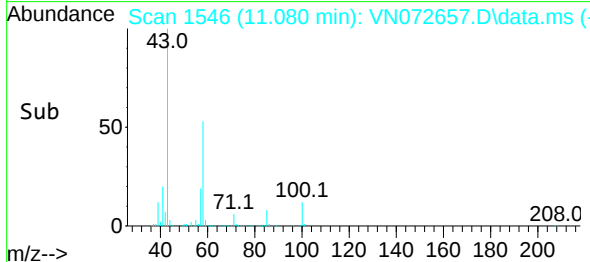
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



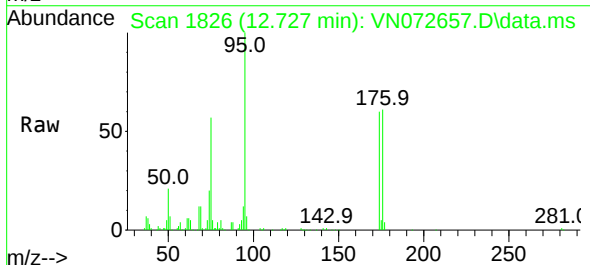
Tgt Ion: 43 Resp: 540978
Ion Ratio Lower Upper
43 100
58 52.5 42.2 63.2
57 18.8 15.0 22.4

Manual Integrations
APPROVED

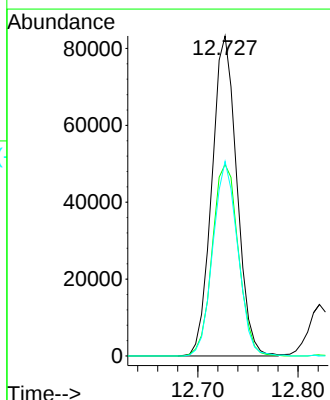
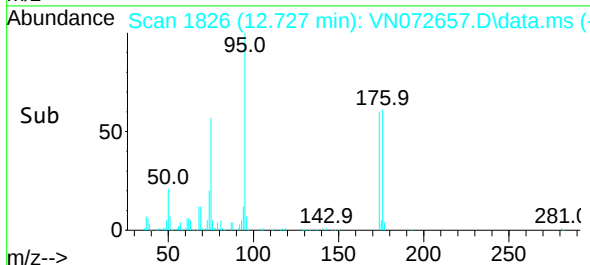
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022

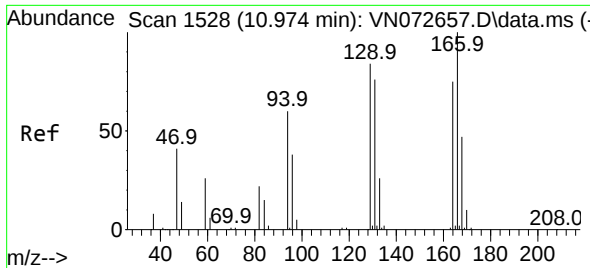


#60
4-Bromofluorobenzene
Concen: 33.113 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072657.D
Acq: 06 Jun 2022 11:17



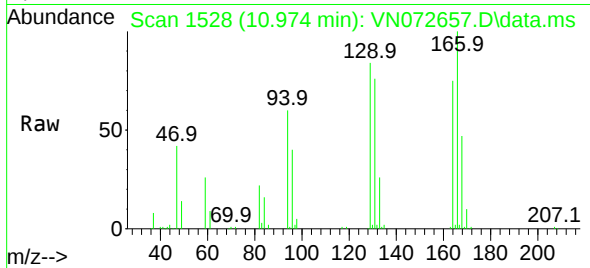
Tgt Ion: 95 Resp: 143931
Ion Ratio Lower Upper
95 100
174 62.7 62.9 94.3#
176 60.5 61.0 91.4#





#61
Tetrachloroethene
Concen: 19.400 ug/l
RT: 10.974 min Scan# 1528
Delta R.T. 0.000 min
Lab File: VN072657.D
Acq: 06 Jun 2022 11:17

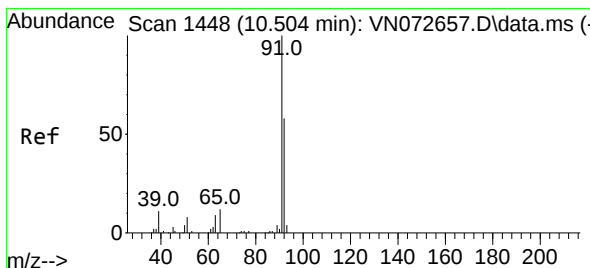
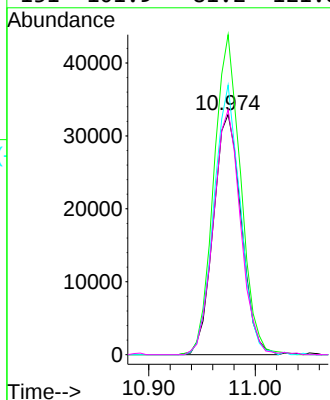
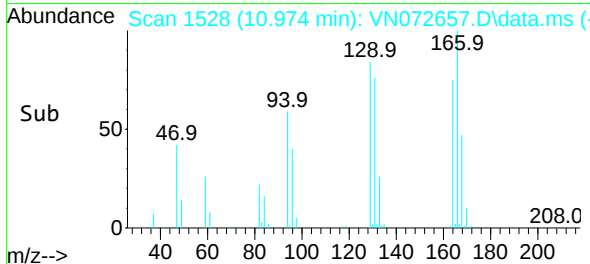
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion:164 Resp: 5990
Ion Ratio Lower Upper
164 100
166 133.2 105.8 158.8
129 112.3 82.5 123.7
131 101.9 81.2 121.8

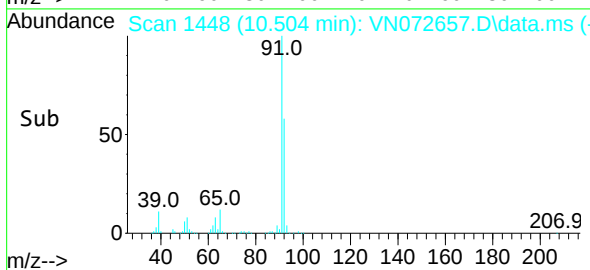
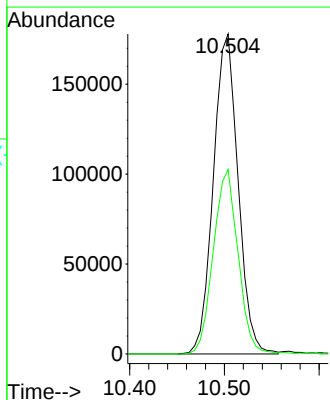
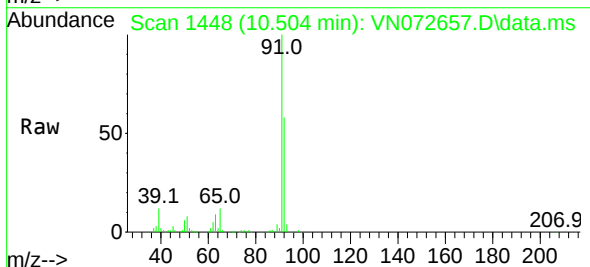
Manual Integrations
APPROVED

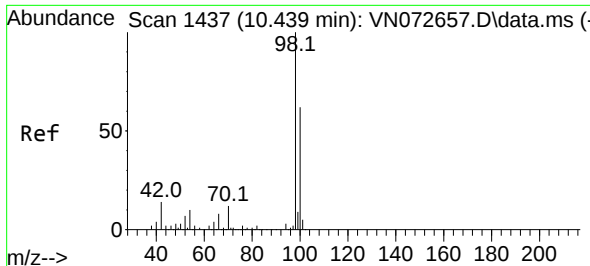
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022



#62
Toluene
Concen: 19.646 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN072657.D
Acq: 06 Jun 2022 11:17

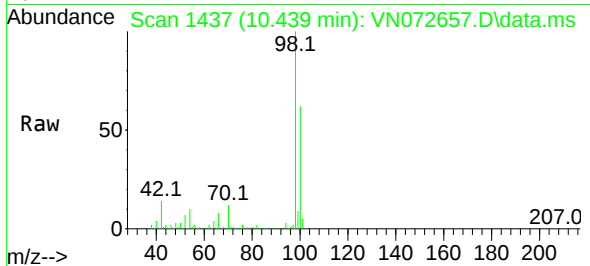
Tgt Ion: 91 Resp: 323350
Ion Ratio Lower Upper
91 100
92 57.4 44.6 67.0





#63
Toluene-d8
Concen: 30.145 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072657.D
Acq: 06 Jun 2022 11:17

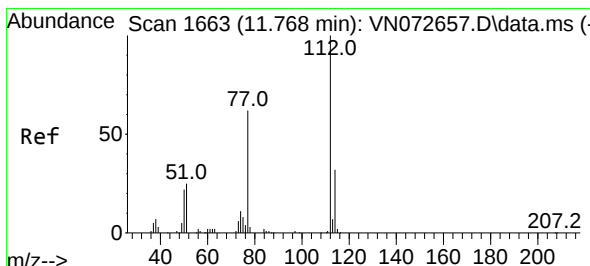
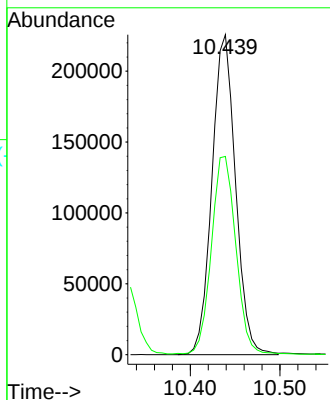
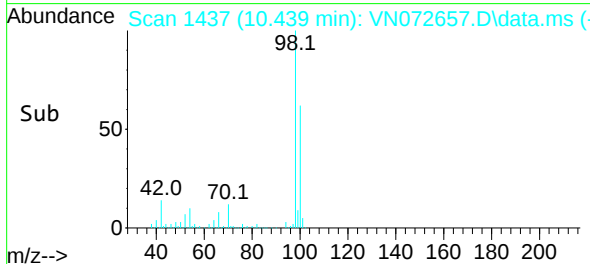
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



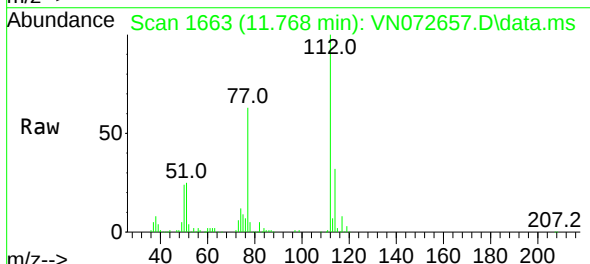
Tgt Ion: 98 Resp: 41249
Ion Ratio Lower Upper
98 100
100 63.4 50.6 76.0

Manual Integrations
APPROVED

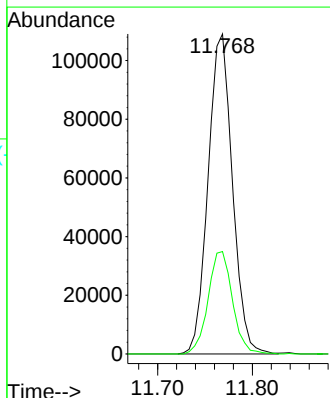
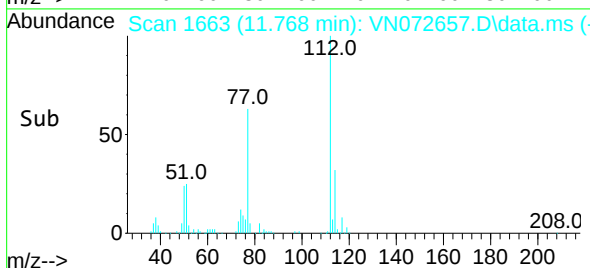
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022

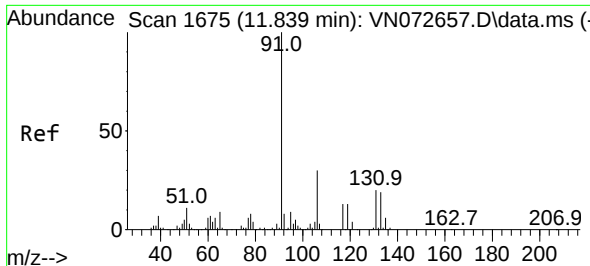


#64
Chlorobenzene
Concen: 20.092 ug/l
RT: 11.768 min Scan# 1663
Delta R.T. 0.000 min
Lab File: VN072657.D
Acq: 06 Jun 2022 11:17



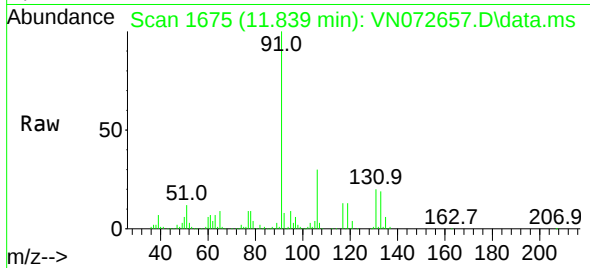
Tgt Ion:112 Resp: 194502
Ion Ratio Lower Upper
112 100
114 32.0 25.8 38.6





#65
1,1,1,2-Tetrachloroethane
Concen: 20.744 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN072657.D
Acq: 06 Jun 2022 11:17

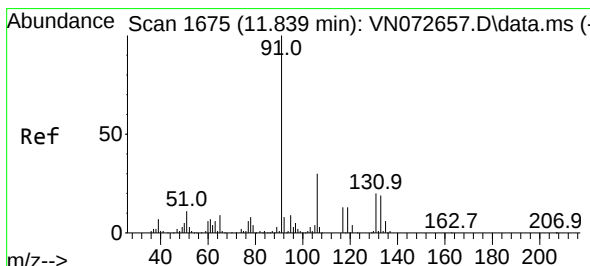
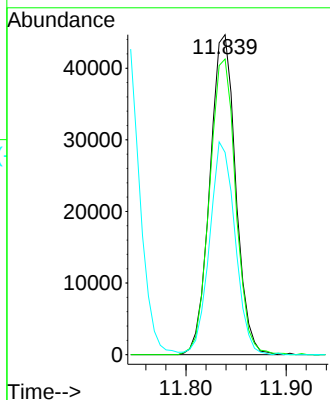
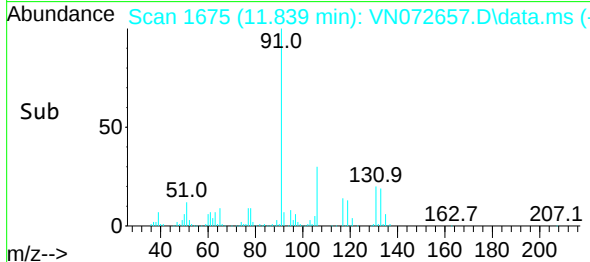
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



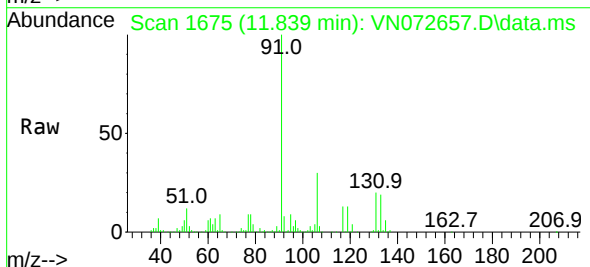
Tgt Ion:131 Resp: 79812
Ion Ratio Lower Upper
131 100
133 93.6 0.0 191.2
119 65.7 0.0 128.8

Manual Integrations
APPROVED

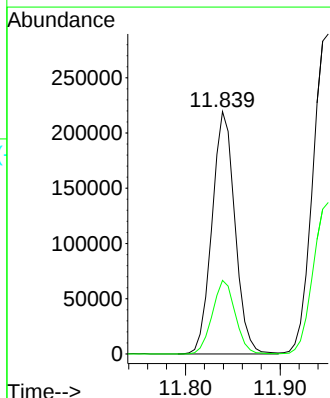
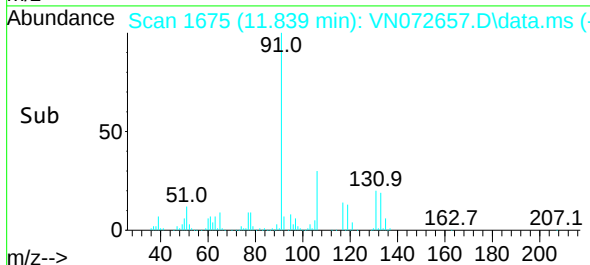
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022

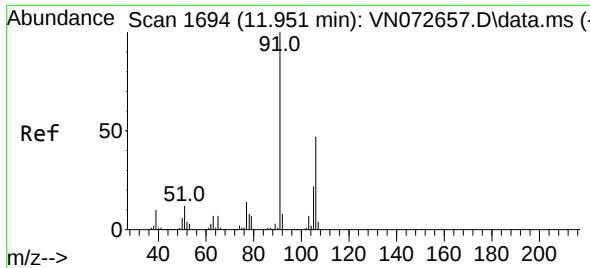


#66
Ethyl Benzene
Concen: 19.936 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN072657.D
Acq: 06 Jun 2022 11:17



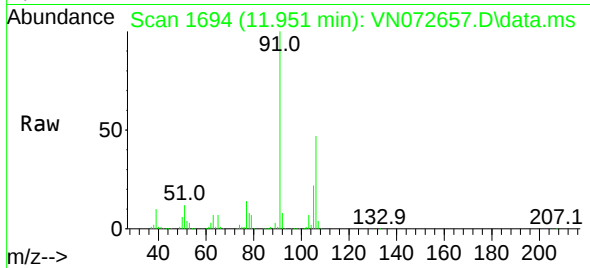
Tgt Ion: 91 Resp: 368885
Ion Ratio Lower Upper
91 100
106 30.4 24.0 36.0





#67
m/p-Xylenes
Concen: 39.946 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. 0.000 min
Lab File: VN072657.D
Acq: 06 Jun 2022 11:17

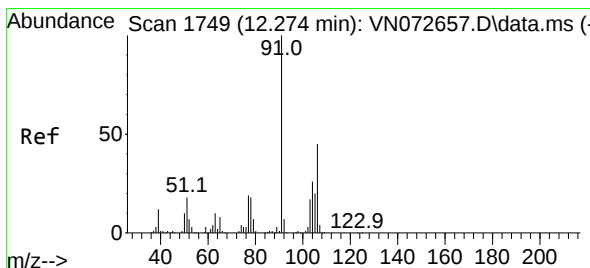
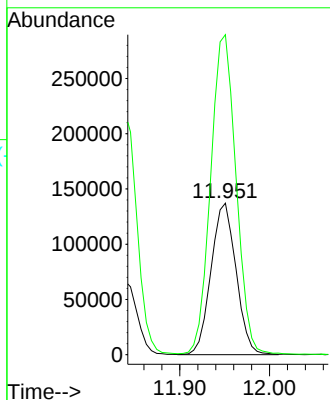
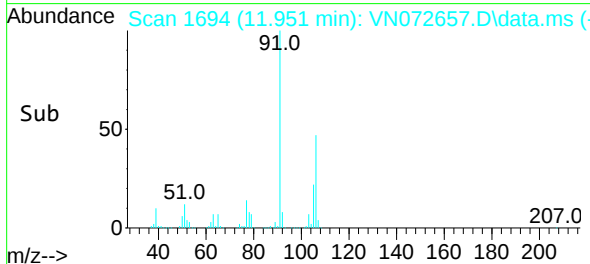
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



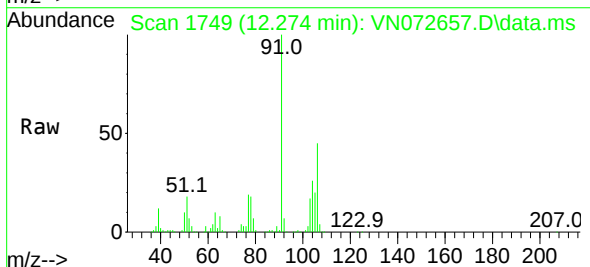
Tgt Ion:106 Resp: 265958
Ion Ratio Lower Upper
106 100
91 214.1 162.9 244.3

Manual Integrations
APPROVED

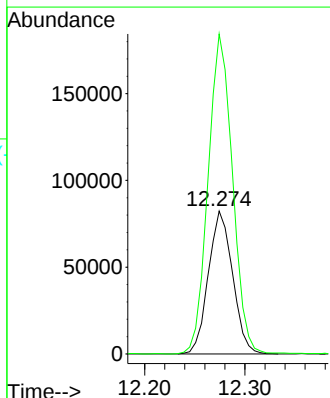
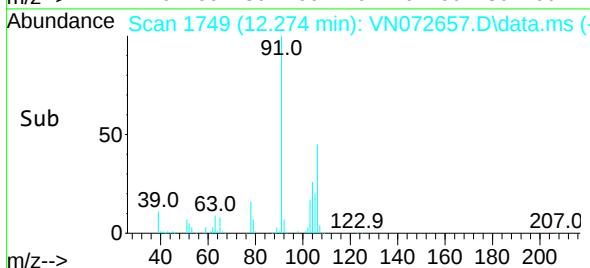
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022

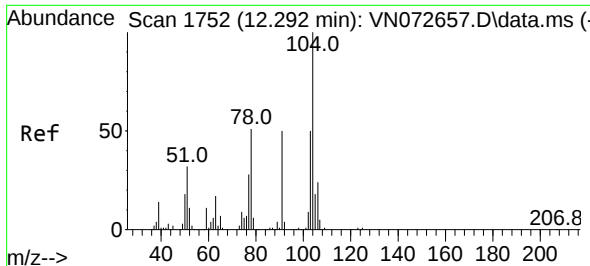


#68
o-Xylene
Concen: 20.682 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VN072657.D
Acq: 06 Jun 2022 11:17



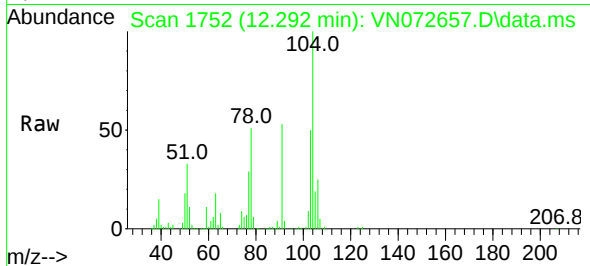
Tgt Ion:106 Resp: 138129
Ion Ratio Lower Upper
106 100
91 225.3 107.7 323.1





#69
Styrene
Concen: 19.758 ug/l
RT: 12.292 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VN072657.D
Acq: 06 Jun 2022 11:17

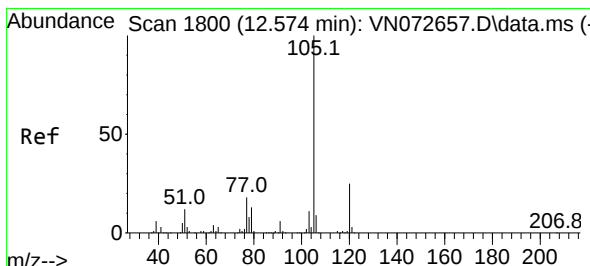
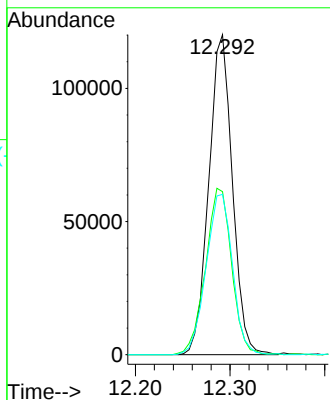
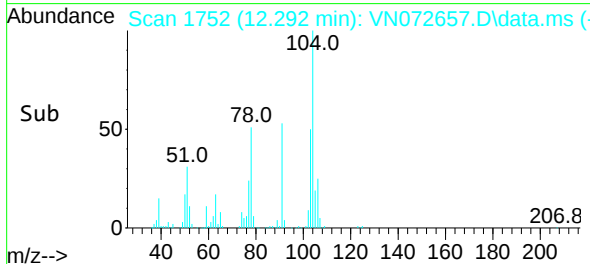
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



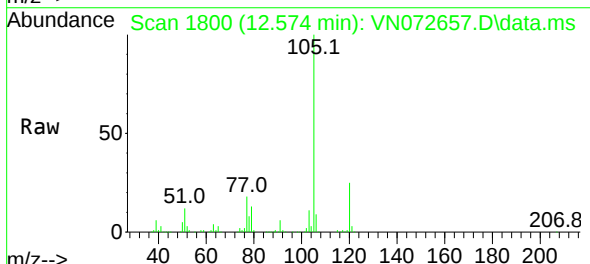
Tgt Ion:104 Resp: 208336
Ion Ratio Lower Upper
104 100
78 57.5 40.7 61.1
103 55.9 45.8 68.8

Manual Integrations
APPROVED

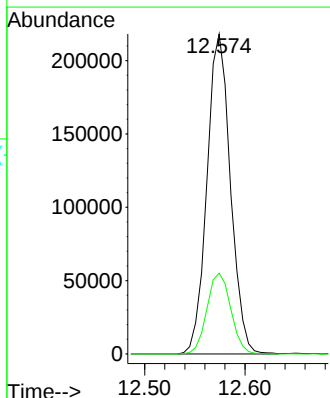
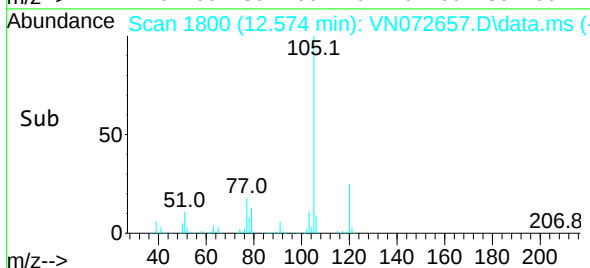
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022

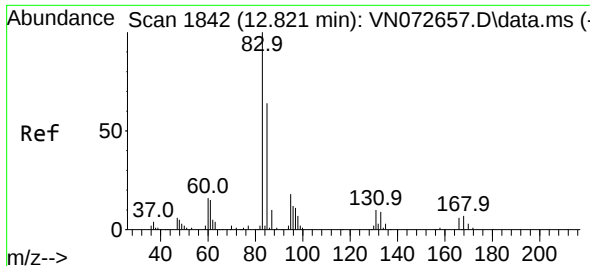


#70
Isopropylbenzene
Concen: 20.780 ug/l
RT: 12.574 min Scan# 1800
Delta R.T. 0.000 min
Lab File: VN072657.D
Acq: 06 Jun 2022 11:17



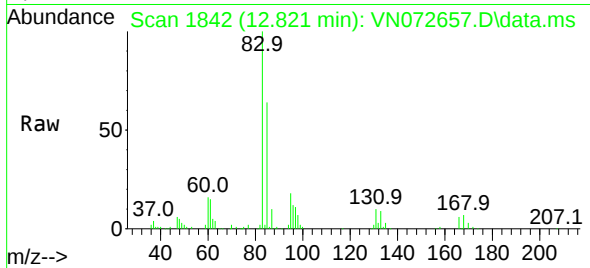
Tgt Ion:105 Resp: 355158
Ion Ratio Lower Upper
105 100
120 25.6 18.3 34.1





#71
1,1,2,2-Tetrachloroethane
Concen: 20.851 ug/l
RT: 12.821 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VN072657.D
Acq: 06 Jun 2022 11:17

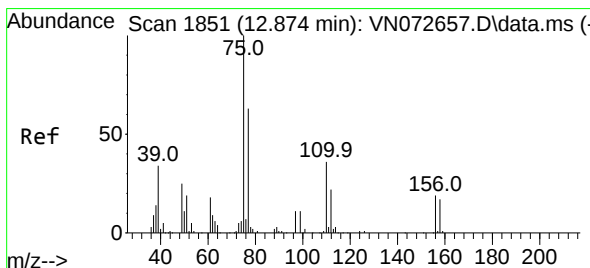
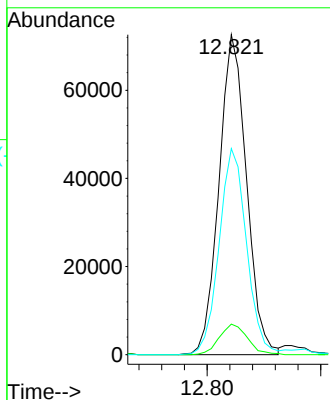
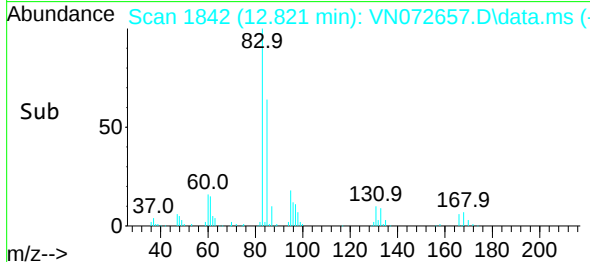
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion: 83 Resp: 122140
Ion Ratio Lower Upper
83 100
131 9.8 5.1 15.3
85 64.3 33.1 99.2

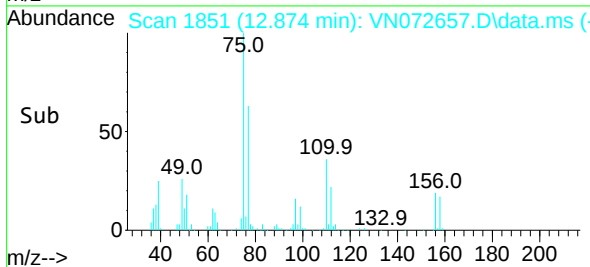
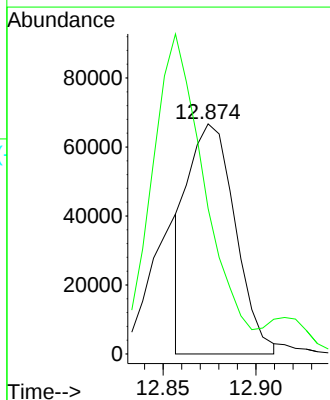
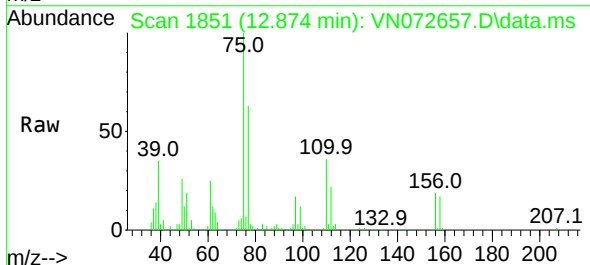
Manual Integrations
APPROVED

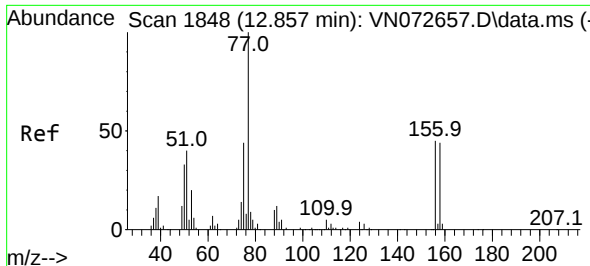
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022



#72
1,2,3-Trichloropropane
Concen: 21.358 ug/l m
RT: 12.874 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN072657.D
Acq: 06 Jun 2022 11:17

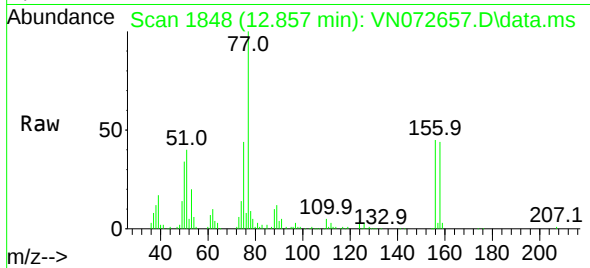
Tgt Ion: 75 Resp: 118462
Ion Ratio Lower Upper
75 100
77 156.9 0.0 378.0





#73
Bromobenzene
Concen: 19.326 ug/l
RT: 12.857 min Scan# 1848
Delta R.T. 0.000 min
Lab File: VN072657.D
Acq: 06 Jun 2022 11:17

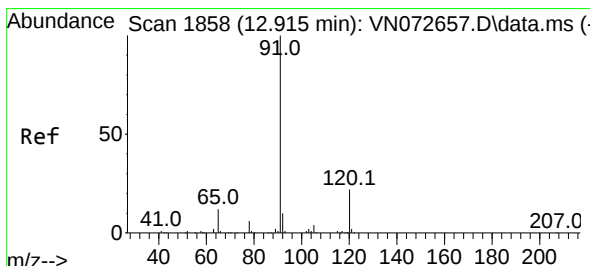
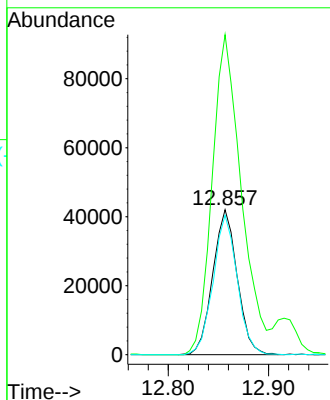
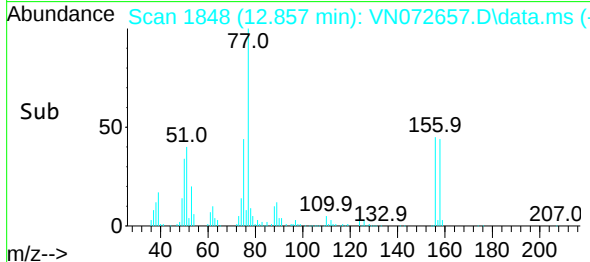
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



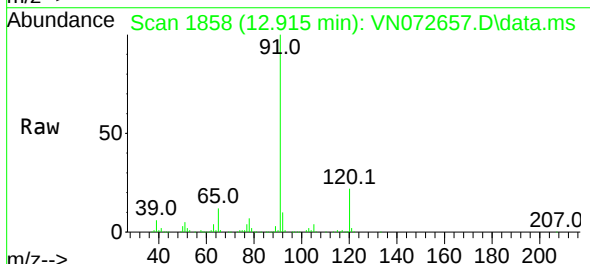
Tgt Ion:156 Resp: 7121
Ion Ratio Lower Upper
156 100
77 260.9 0.0 416.0
158 95.0 0.0 195.4

Manual Integrations
APPROVED

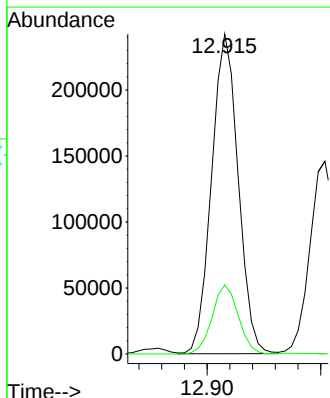
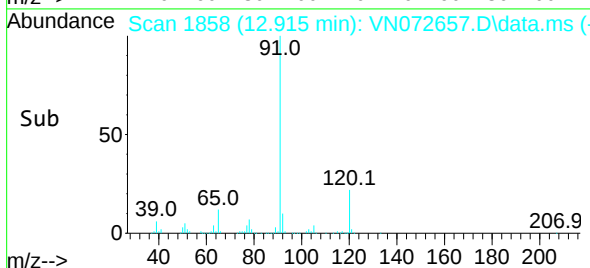
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022

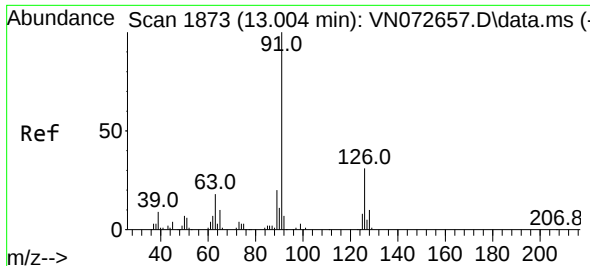


#74
n-propylbenzene
Concen: 20.326 ug/l
RT: 12.915 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN072657.D
Acq: 06 Jun 2022 11:17



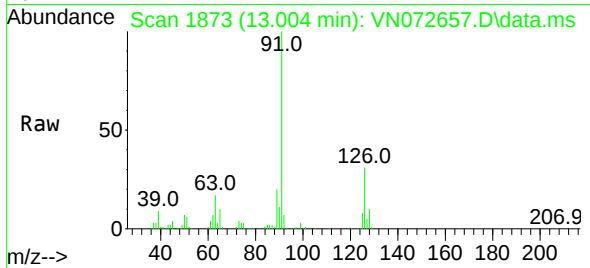
Tgt Ion: 91 Resp: 393941
Ion Ratio Lower Upper
91 100
120 21.1 0.0 45.0





#75
2-Chlorotoluene
Concen: 20.902 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. 0.000 min
Lab File: VN072657.D
Acq: 06 Jun 2022 11:17

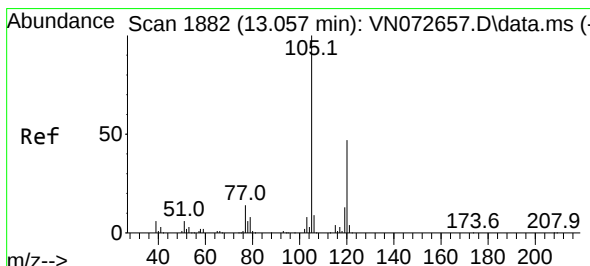
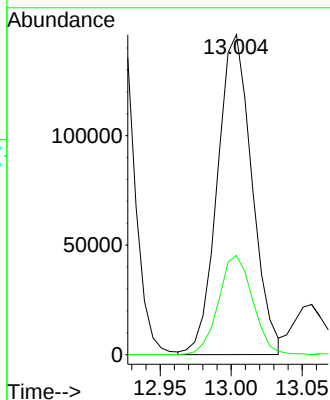
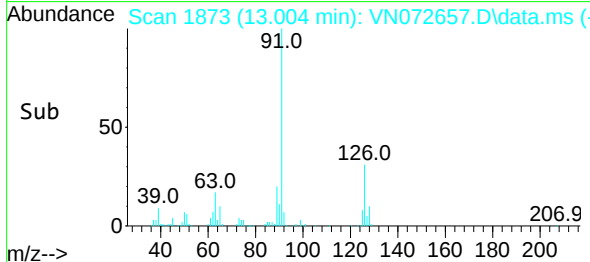
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



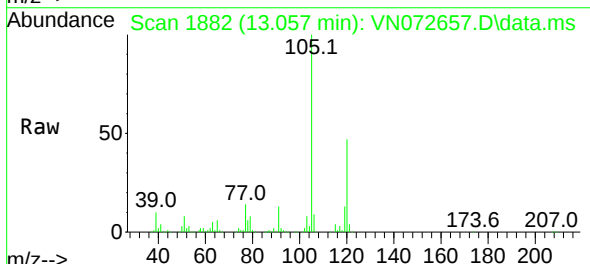
Tgt Ion: 91 Resp: 247283
Ion Ratio Lower Upper
91 100
126 30.5 0.0 69.8

Manual Integrations
APPROVED

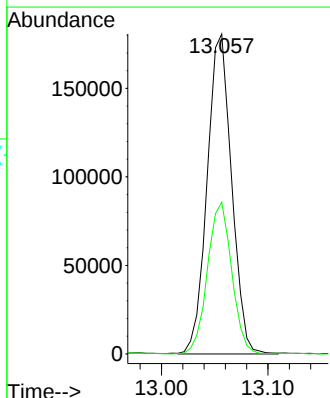
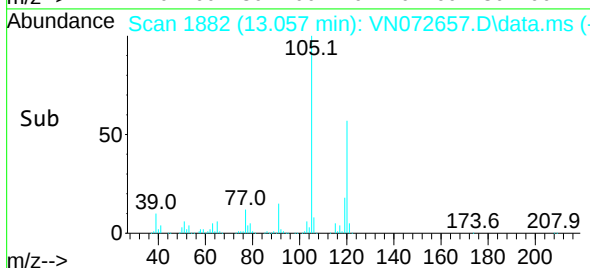
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022

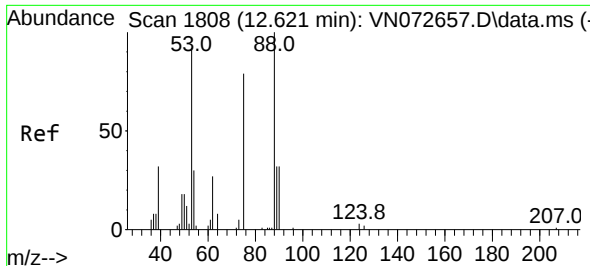


#76
1,3,5-Trimethylbenzene
Concen: 21.152 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. 0.000 min
Lab File: VN072657.D
Acq: 06 Jun 2022 11:17



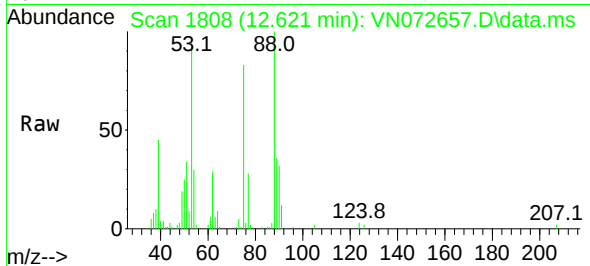
Tgt Ion:105 Resp: 287964
Ion Ratio Lower Upper
105 100
120 47.0 0.0 93.8





#77
t-1,4-Dichloro-2-butene
Concen: 21.414 ug/l
RT: 12.621 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VN072657.D
Acq: 06 Jun 2022 11:17

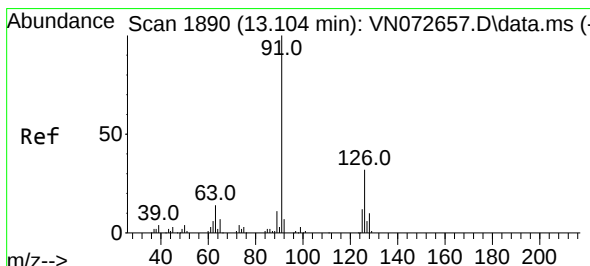
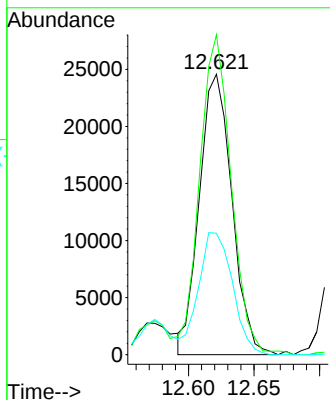
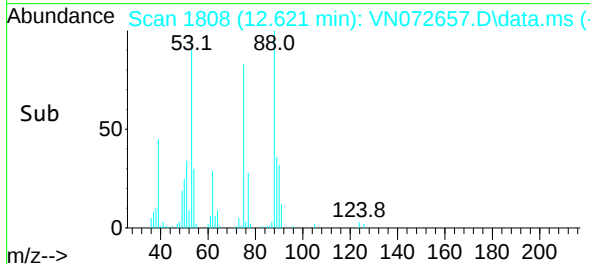
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion: 75 Resp: 42395
Ion Ratio Lower Upper
75 100
53 112.8 51.8 155.5
89 43.3 22.9 68.7

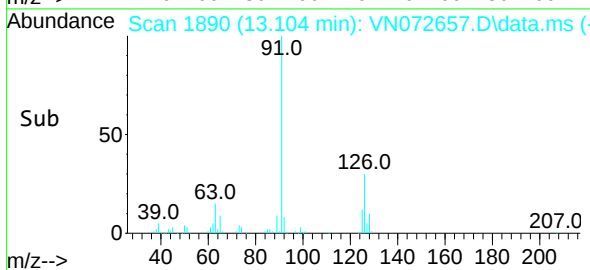
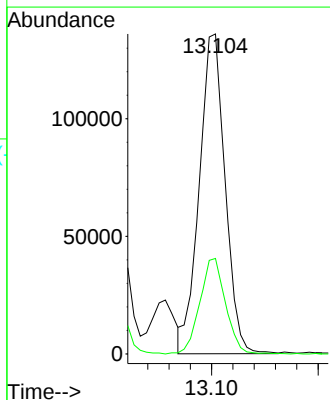
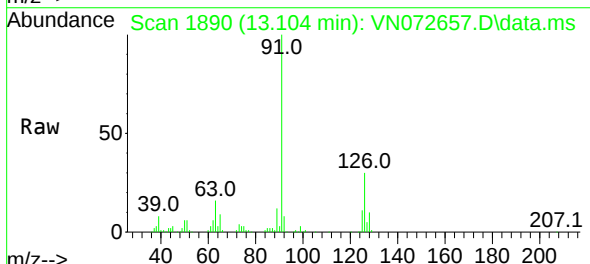
Manual Integrations
APPROVED

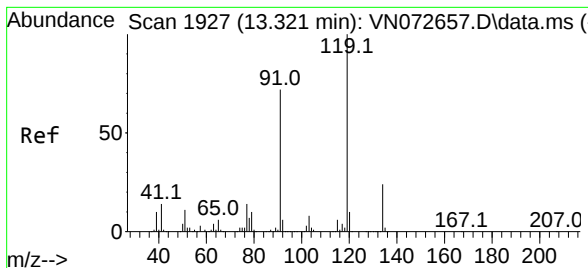
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022



#78
4-Chlorotoluene
Concen: 21.232 ug/l
RT: 13.104 min Scan# 1890
Delta R.T. 0.000 min
Lab File: VN072657.D
Acq: 06 Jun 2022 11:17

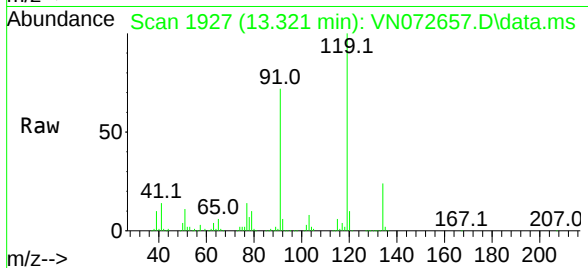
Tgt Ion: 91 Resp: 229266
Ion Ratio Lower Upper
91 100
126 29.7 0.0 70.6





#79
tert-butylbenzene
Concen: 21.746 ug/l
RT: 13.321 min Scan# 1927
Delta R.T. 0.000 min
Lab File: VN072657.D
Acq: 06 Jun 2022 11:17

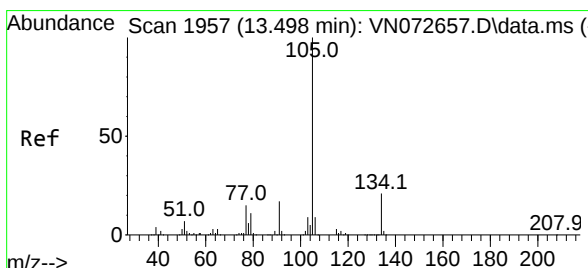
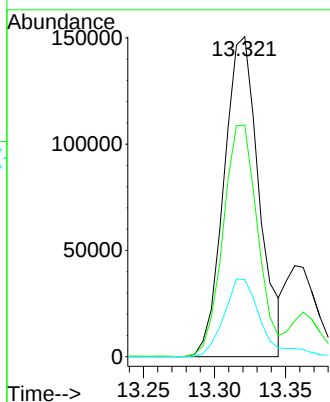
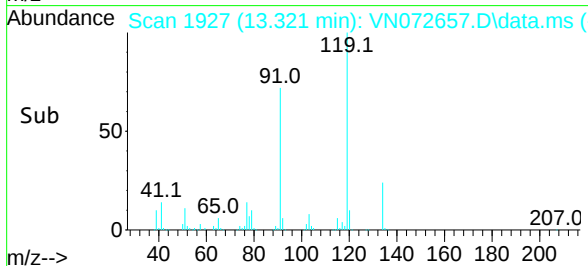
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



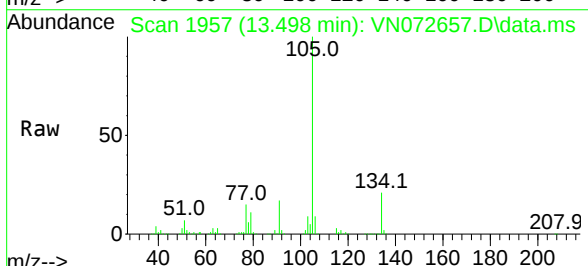
Tgt Ion:119 Resp: 259002
Ion Ratio Lower Upper
119 100
91 71.2 0.0 137.0
134 24.4 0.0 47.6

Manual Integrations
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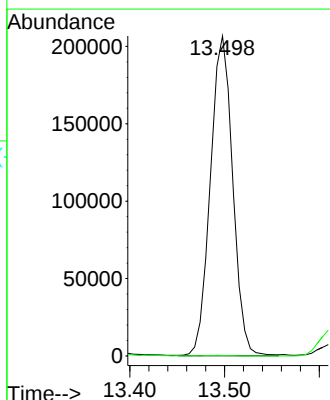
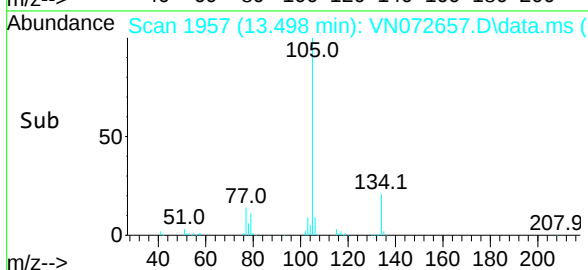
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022

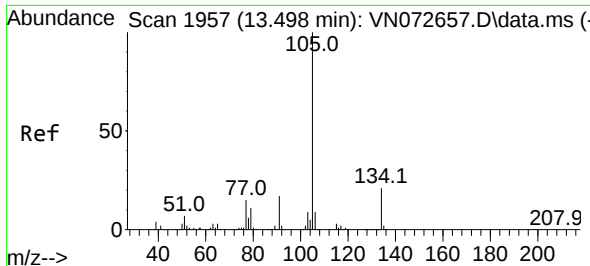


#80
1,2,4-Trimethylbenzene
Concen: 24.702 ug/l
RT: 13.498 min Scan# 1957
Delta R.T. 0.000 min
Lab File: VN072657.D
Acq: 06 Jun 2022 11:17



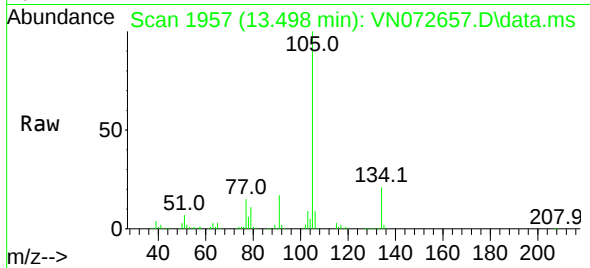
Tgt Ion:105 Resp: 338515
Ion Ratio Lower Upper
105 100
120 0.2 0.0 0.2





#81
 sec-Butylbenzene
 Concen: 19.785 ug/l
 RT: 13.498 min Scan# 1957
 Delta R.T. 0.000 min
 Lab File: VN072657.D
 Acq: 06 Jun 2022 11:17

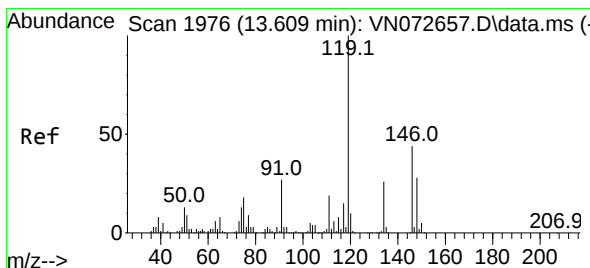
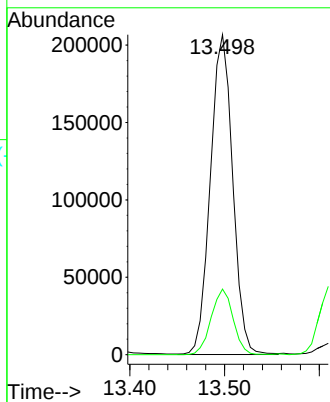
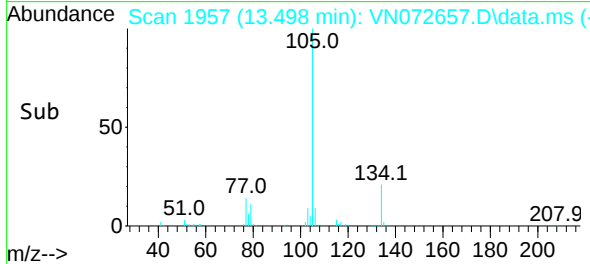
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020



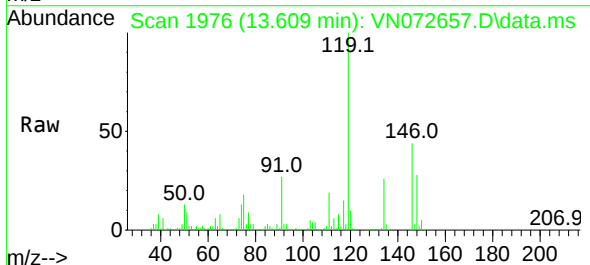
Tgt Ion:105 Resp: 33851
 Ion Ratio Lower Upper
 105 100
 134 20.1 0.0 39.4

Manual Integrations
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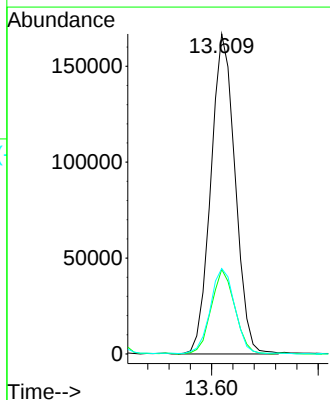
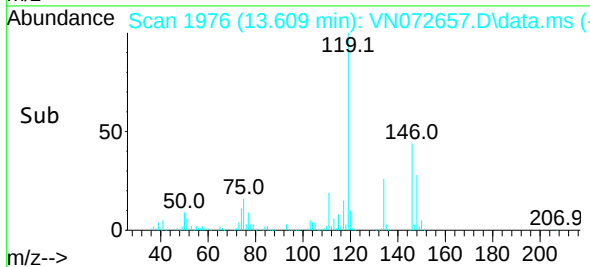
Reviewed By :John Carlone 06/07/2022
 Supervised By :Mahesh Dadoda 06/07/2022

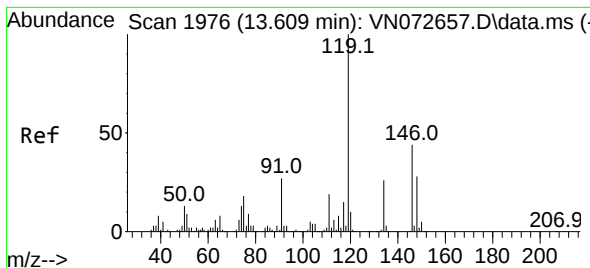


#82
 p-Isopropyltoluene
 Concen: 19.868 ug/l
 RT: 13.609 min Scan# 1976
 Delta R.T. 0.000 min
 Lab File: VN072657.D
 Acq: 06 Jun 2022 11:17



Tgt Ion:119 Resp: 263666
 Ion Ratio Lower Upper
 119 100
 134 25.7 0.0 51.8
 91 26.9 0.0 50.4





#83

1,3-Dichlorobenzene

Concen: 18.383 ug/l

RT: 13.609 min Scan# 1976

Delta R.T. 0.000 min

Lab File: VN072657.D

Acq: 06 Jun 2022 11:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

Tgt Ion:146 Resp: 118100

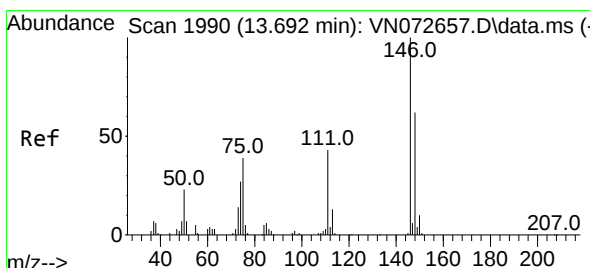
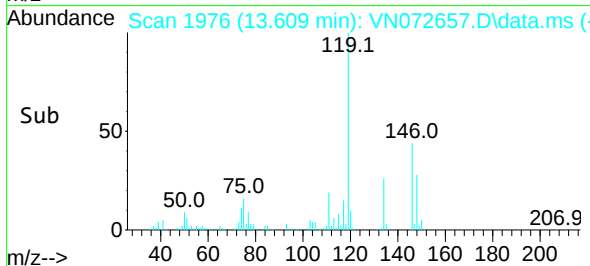
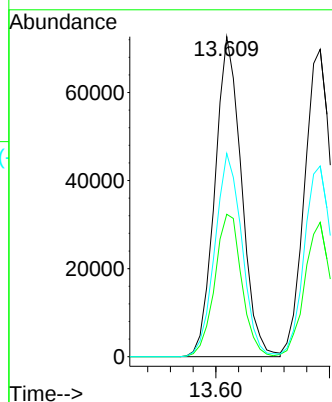
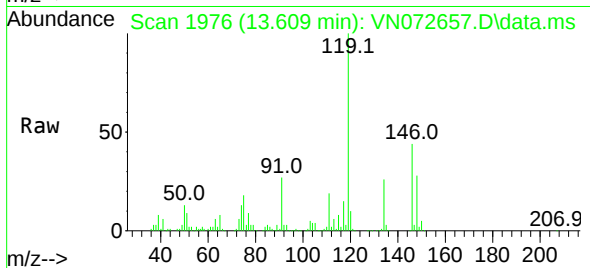
Ion	Ratio	Lower	Upper
146	100		
111	45.2	20.8	62.2
148	64.8	31.4	94.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/07/2022

Supervised By :Mahesh Dadoda 06/07/2022



#84

1,4-Dichlorobenzene

Concen: 18.556 ug/l

RT: 13.692 min Scan# 1990

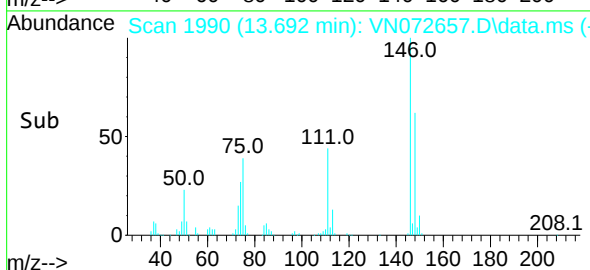
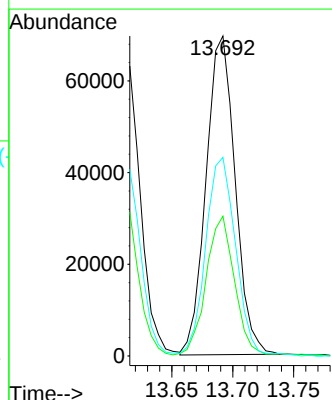
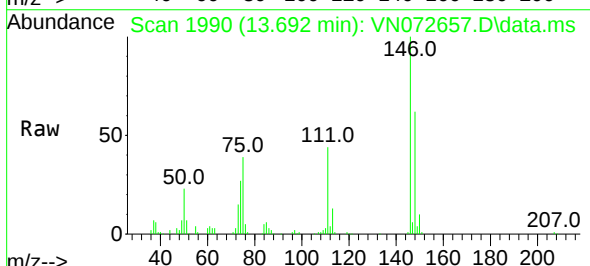
Delta R.T. 0.000 min

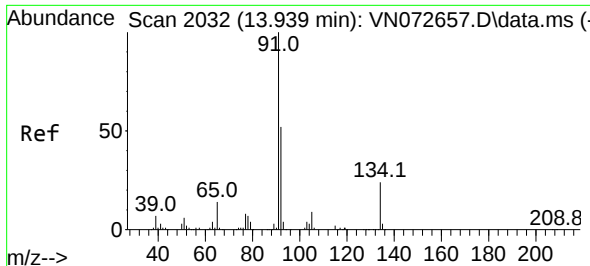
Lab File: VN072657.D

Acq: 06 Jun 2022 11:17

Tgt Ion:146 Resp: 115982

Ion	Ratio	Lower	Upper
146	100		
111	42.2	19.5	58.5
148	63.7	31.1	93.5





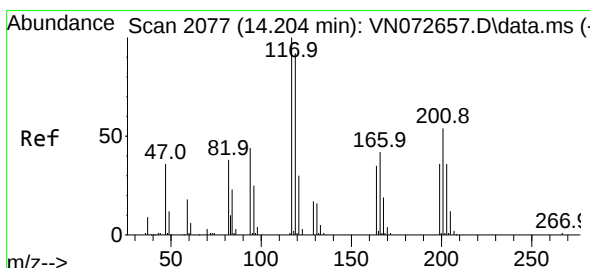
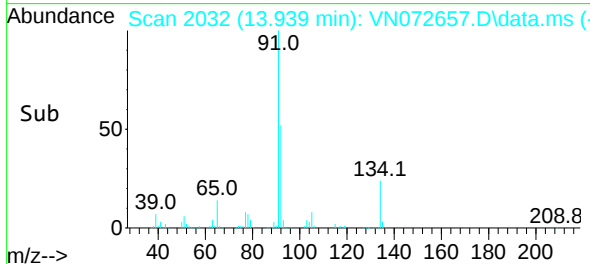
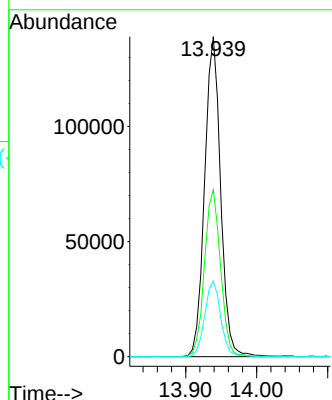
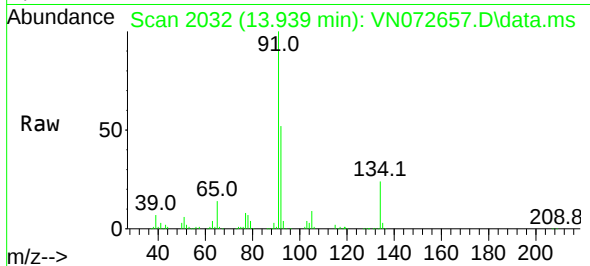
#85
n-Butylbenzene
Concen: 19.709 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VN072657.D
Acq: 06 Jun 2022 11:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 91 Resp: 21800
Ion Ratio Lower Upper
91 100
92 52.7 0.0 100.6
134 23.7 0.0 50.2

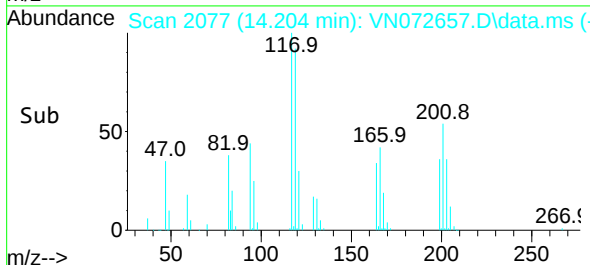
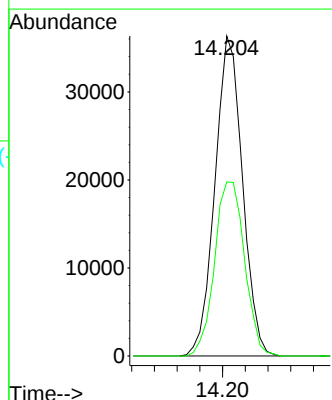
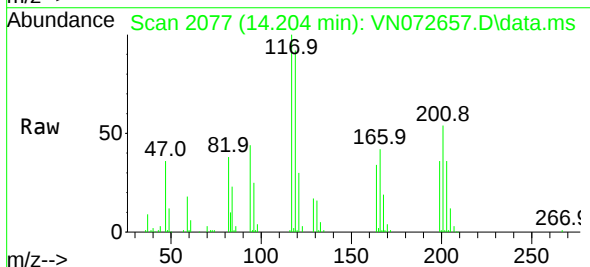
Manual Integrations
APPROVED

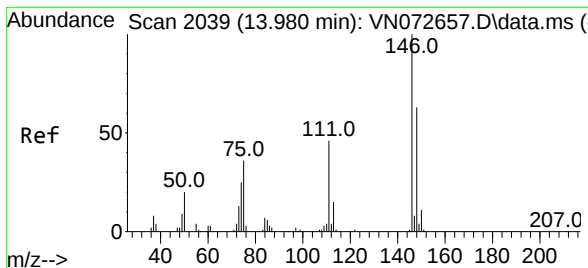
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022



#86
Hexachloroethane
Concen: 22.393 ug/l
RT: 14.204 min Scan# 2077
Delta R.T. 0.000 min
Lab File: VN072657.D
Acq: 06 Jun 2022 11:17

Tgt Ion:117 Resp: 61158
Ion Ratio Lower Upper
117 100
201 59.3 33.3 99.8





#87

1,2-Dichlorobenzene

Concen: 18.884 ug/l

RT: 13.980 min Scan# 2039

Delta R.T. 0.000 min

Lab File: VN072657.D

Acq: 06 Jun 2022 11:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

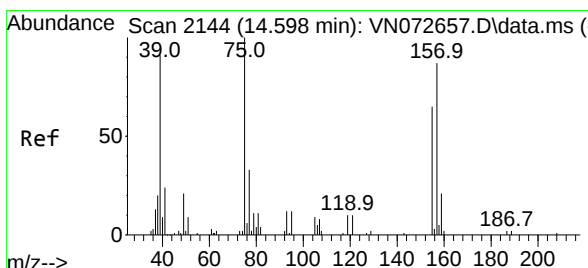
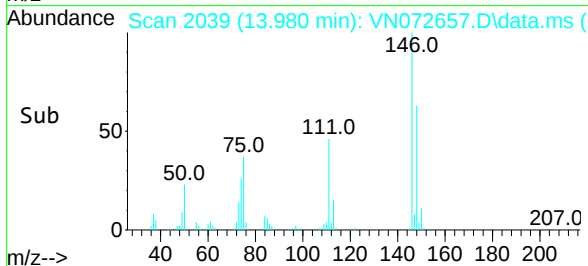
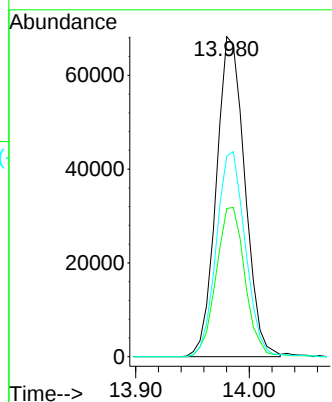
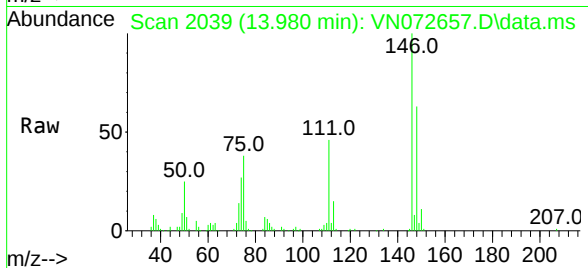
Tgt Ion:	146	Resp:	119214
Ion Ratio	Lower	Upper	
146	100		
111	47.3	21.4	64.2
148	64.7	32.5	97.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/07/2022

Supervised By :Mahesh Dadoda 06/07/2022



#88

1,2-Dibromo-3-Chloropropane

Concen: 24.470 ug/l

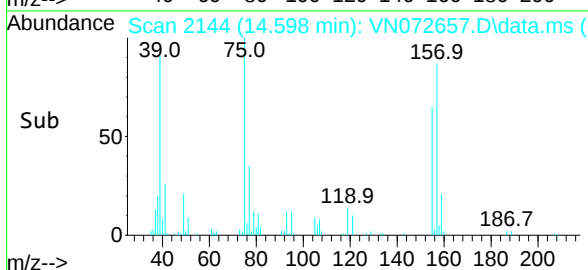
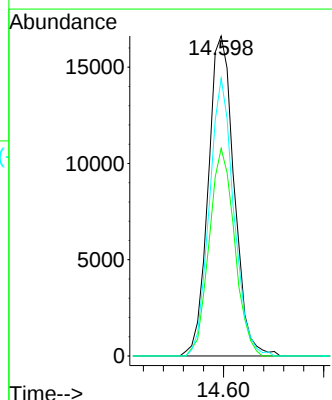
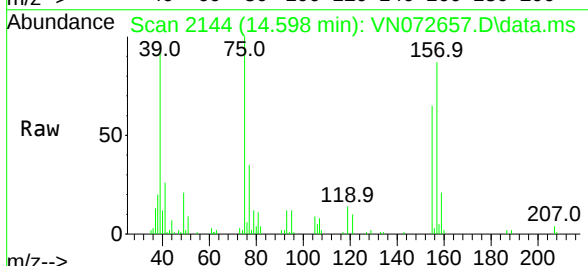
RT: 14.598 min Scan# 2144

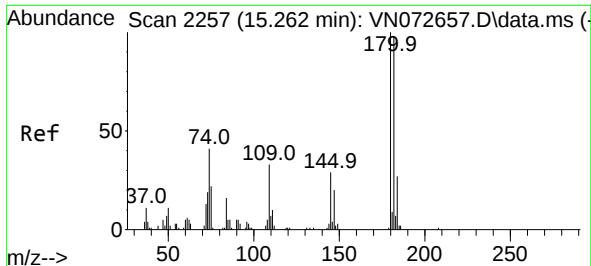
Delta R.T. 0.000 min

Lab File: VN072657.D

Acq: 06 Jun 2022 11:17

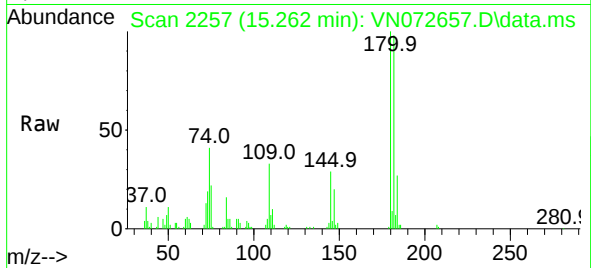
Tgt Ion:	75	Resp:	29820
Ion Ratio	Lower	Upper	
75	100		
155	63.4	63.8	95.8#
157	81.7	77.9	116.9





#89
1,2,4-Trichlorobenzene
Concen: 18.315 ug/l
RT: 15.262 min Scan# 2257
Delta R.T. 0.000 min
Lab File: VN072657.D
Acq: 06 Jun 2022 11:17

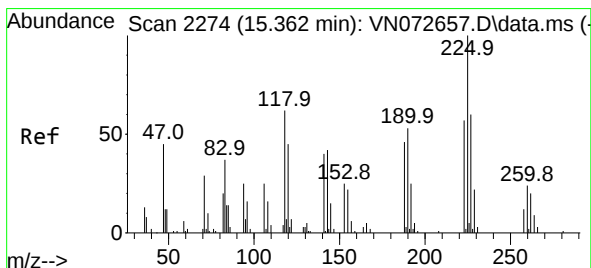
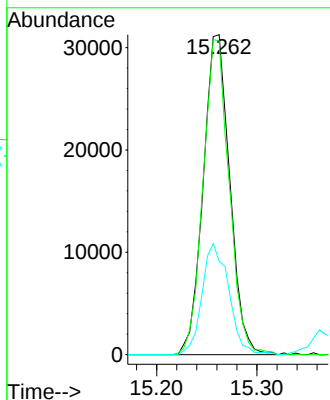
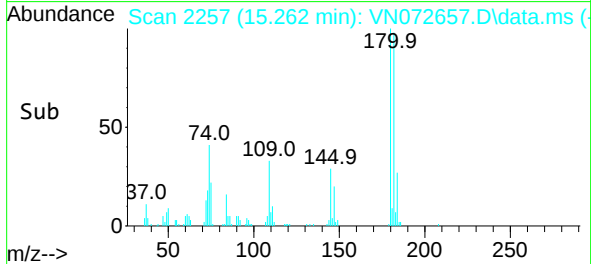
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion:180 Resp: 57589
Ion Ratio Lower Upper
180 100
182 96.7 77.7 116.5
145 34.7 26.6 39.8

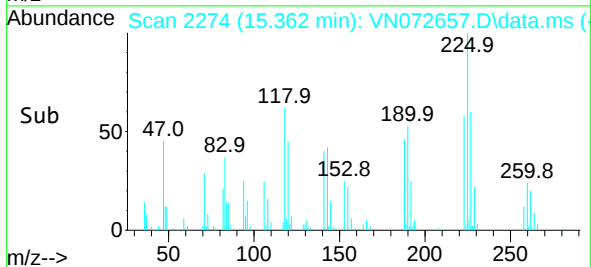
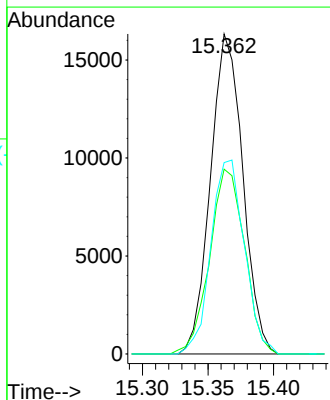
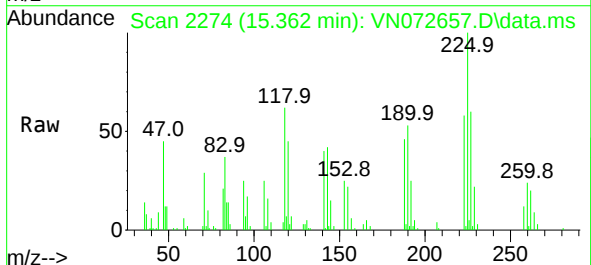
Manual Integrations
APPROVED

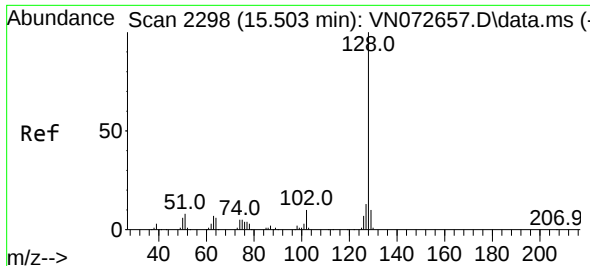
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022



#90
Hexachlorobutadiene
Concen: 18.177 ug/l
RT: 15.362 min Scan# 2274
Delta R.T. 0.000 min
Lab File: VN072657.D
Acq: 06 Jun 2022 11:17

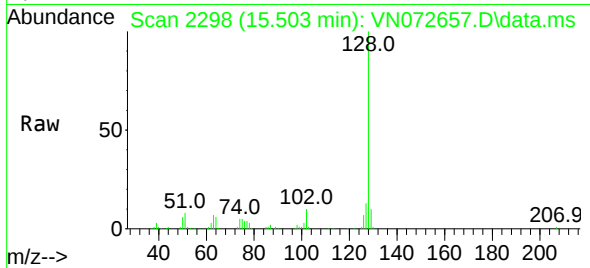
Tgt Ion:225 Resp: 28024
Ion Ratio Lower Upper
225 100
223 62.3 0.0 126.8
227 62.6 0.0 123.0





#91
Naphthalene
Concen: 20.072 ug/l
RT: 15.503 min Scan# 2298
Delta R.T. 0.000 min
Lab File: VN072657.D
Acq: 06 Jun 2022 11:17

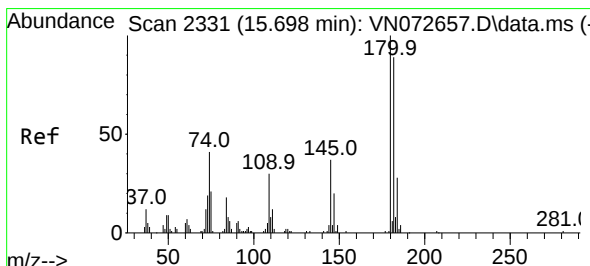
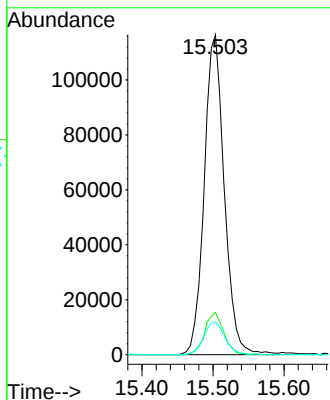
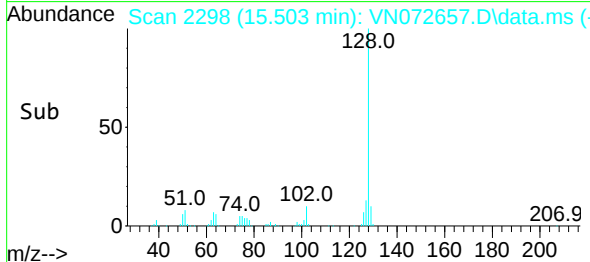
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



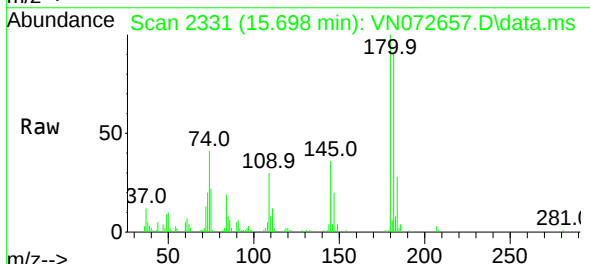
Tgt Ion:128 Resp: 228978
Ion Ratio Lower Upper
128 100
127 12.5 10.7 16.1
129 10.6 9.0 13.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022



#92
1,2,3-Trichlorobenzene
Concen: 18.156 ug/l
RT: 15.698 min Scan# 2331
Delta R.T. 0.000 min
Lab File: VN072657.D
Acq: 06 Jun 2022 11:17



Tgt Ion:180 Resp: 57911
Ion Ratio Lower Upper
180 100
182 97.1 0.0 190.0
145 38.1 0.0 67.8

