

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060622\
 Data File : VN072663.D
 Acq On : 06 Jun 2022 14:36
 Operator : JC\MD
 Sample : VSTDICV020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN060622

Quant Time: Jun 07 06:24:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N060622W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Jun 06 14:10:15 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

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

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

Internal Standards						
1) Bromochloromethane	7.651	128	42525	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.963	114	247940	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.739	117	222185	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.428	65	143962	29.684	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	98.933%		
60) 4-Bromofluorobenzene	12.727	95	137566	30.103	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	100.333%		
63) Toluene-d8	10.439	98	373456	30.342	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	101.133%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.069	85	61593	19.335	ug/l	93
3) Chloromethane	2.293	50	66430	19.177	ug/l	95
4) Vinyl Chloride	2.440	62	59445	19.031	ug/l	96
5) Bromomethane	2.852	94	31874	19.733	ug/l	93
6) Chloroethane	3.016	64	39014	18.733	ug/l	94
7) Trichlorofluoromethane	3.369	101	111089	19.673	ug/l	96
8) Diethyl Ether	3.816	74	42985	19.634	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.204	101	62055	20.861	ug/l	76
10) 1,1-Dichloroethene	4.181	96	55033	19.587	ug/l	85
11) Methyl Iodide	4.422	142	50118	17.817	ug/l	98
12) Methyl Acetate	4.846	43	109360	18.866	ug/l	96
13) Acrolein	4.040	56	43778	86.275	ug/l	99
14) Acrylonitrile	5.545	53	226976	96.058	ug/l	97
15) Acetone	4.275	58	60702	94.882	ug/l	94
16) Carbon Disulfide	4.528	76	130756	18.461	ug/l	99
17) Allyl chloride	4.834	41	118859	19.583	ug/l	90
18) Methylene Chloride	5.093	84	68629	19.453	ug/l #	81
19) trans-1,2-Dichloroethene	5.593	96	58010	19.079	ug/l	88
20) Diisopropyl ether	6.487	45	241493	20.090	ug/l	97
21) 1,1-Dichloroethane	6.387	63	131314	19.663	ug/l	99
22) cis-1,2-Dichloroethene	7.316	96	74890	19.664	ug/l	91
23) tert-Butyl Alcohol	5.357	59	106257	96.633	ug/l #	100
24) Methyl tert-Butyl Ether	5.610	73	250365	20.037	ug/l	97
25) Chloroform	7.810	83	137485	20.041	ug/l	100
26) Cyclohexane	8.092	56	112485	20.202	ug/l #	88
29) 1,1-Dichloropropene	8.216	75	94257	19.943	ug/l	95
30) 2-Butanone	7.328	43	335254	98.014	ug/l	94
31) 2,2-Dichloropropane	7.322	77	125756	19.657	ug/l	96
32) 1,1,1-Trichloroethane	8.010	97	123710	20.004	ug/l	97
33) Carbon Tetrachloride	8.198	117	104395	19.575	ug/l	100
34) Benzene	8.457	78	277200	19.825	ug/l	98
35) Methacrylonitrile	7.628	41	62258	18.563	ug/l	95
36) 1,2-Dichloroethane	8.528	62	117055	19.815	ug/l	99
37) Trichloroethene	9.210	130	68080	20.197	ug/l	100
38) Methylcyclohexane	9.457	83	112152	19.877	ug/l	91
39) 1,2-Dichloropropane	9.486	63	77298	20.122	ug/l	98
40) Dibromomethane	9.575	93	52400	19.871	ug/l	95
41) Bromodichloromethane	9.757	83	112065	19.867	ug/l	94
42) Vinyl Acetate	6.428	43	1114627	100.097	ug/l	99

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Manual Integrations
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Reviewed By : John Carlone 06/07/2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.404	43	127308	19.426	ug/l	98
44) Isopropyl Acetate	8.557	43	211418	19.449	ug/l	100
45) 1,4-Dioxane	9.557	88	35231	394.381	ug/l	90
46) Methyl methacrylate	9.551	41	91678	18.861	ug/l	82
47) n-amyl Acetate	12.386	43	159418	19.155	ug/l	97
48) t-1,3-Dichloropropene	10.716	75	124179	19.287	ug/l	95
49) cis-1,3-Dichloropropene	10.186	75	129440	19.798	ug/l	95
50) 1,1,2-Trichloroethane	10.898	97	72600	19.473	ug/l	96
51) Ethyl methacrylate	10.757	69	127671	18.905	ug/l	94
52) 1,3-Dichloropropane	11.039	76	132357	19.949	ug/l	99
53) Dibromochloromethane	11.233	129	78853	19.170	ug/l	96
54) 1,2-Dibromoethane	11.339	107	75521	19.265	ug/l	99
55) 2-Chloroethyl vinyl ether	10.033	63	240387	90.886	ug/l	98
56) Bromoform	12.457	173	55235	19.272	ug/l #	100
58) 4-Methyl-2-Pentanone	10.328	43	664578	99.725	ug/l	99
59) 2-Hexanone	11.080	43	500259	99.015	ug/l	99
61) Tetrachloroethene	10.975	164	56523	20.557	ug/l	96
62) Toluene	10.498	91	302680	20.091	ug/l	98
64) Chlorobenzene	11.769	112	182292	19.874	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.839	131	72548	20.062	ug/l	98
66) Ethyl Benzene	11.839	91	350167	20.245	ug/l	100
67) m/p-Xylenes	11.951	106	256320	40.629	ug/l	93
68) o-Xylene	12.274	106	130804	20.324	ug/l	94
69) Styrene	12.292	104	204492	20.016	ug/l	95
70) Isopropylbenzene	12.574	105	341334	20.297	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.821	83	119048	20.912	ug/l	96
72) 1,2,3-Trichloropropane	12.874	75	96662m	19.457	ug/l	
73) Bromobenzene	12.857	156	70641	20.663	ug/l	77
74) n-propylbenzene	12.916	91	391527	20.345	ug/l	98
75) 2-Chlorotoluene	13.004	91	245393	20.572	ug/l	91
76) 1,3,5-Trimethylbenzene	13.057	105	287108	20.800	ug/l	100
77) t-1,4-Dichloro-2-butene	12.621	75	40888	19.527	ug/l	93
78) 4-Chlorotoluene	13.104	91	233181	20.692	ug/l	92
79) tert-butylbenzene	13.321	119	249742	20.266	ug/l	96
80) 1,2,4-Trimethylbenzene	13.498	105	346230	20.803	ug/l	100
81) sec-Butylbenzene	13.498	105	346230	20.803	ug/l	99
82) p-Isopropyltoluene	13.610	119	275895	20.766	ug/l	99
83) 1,3-Dichlorobenzene	13.610	146	123660	20.662	ug/l	97
84) 1,4-Dichlorobenzene	13.692	146	119936	20.639	ug/l	97
85) n-Butylbenzene	13.939	91	228987	20.327	ug/l	96
86) Hexachloroethane	14.210	117	59503	20.239	ug/l	90
87) 1,2-Dichlorobenzene	13.986	146	121783	20.561	ug/l	97
88) 1,2-Dibromo-3-Chloropr...	14.598	75	28293	19.822	ug/l	86
89) 1,2,4-Trichlorobenzene	15.257	180	60021	20.109	ug/l	98
90) Hexachlorobutadiene	15.368	225	27854	20.800	ug/l	97
91) Naphthalene	15.504	128	232406	19.514	ug/l	99
92) 1,2,3-Trichlorobenzene	15.698	180	61868	20.375	ug/l	99

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

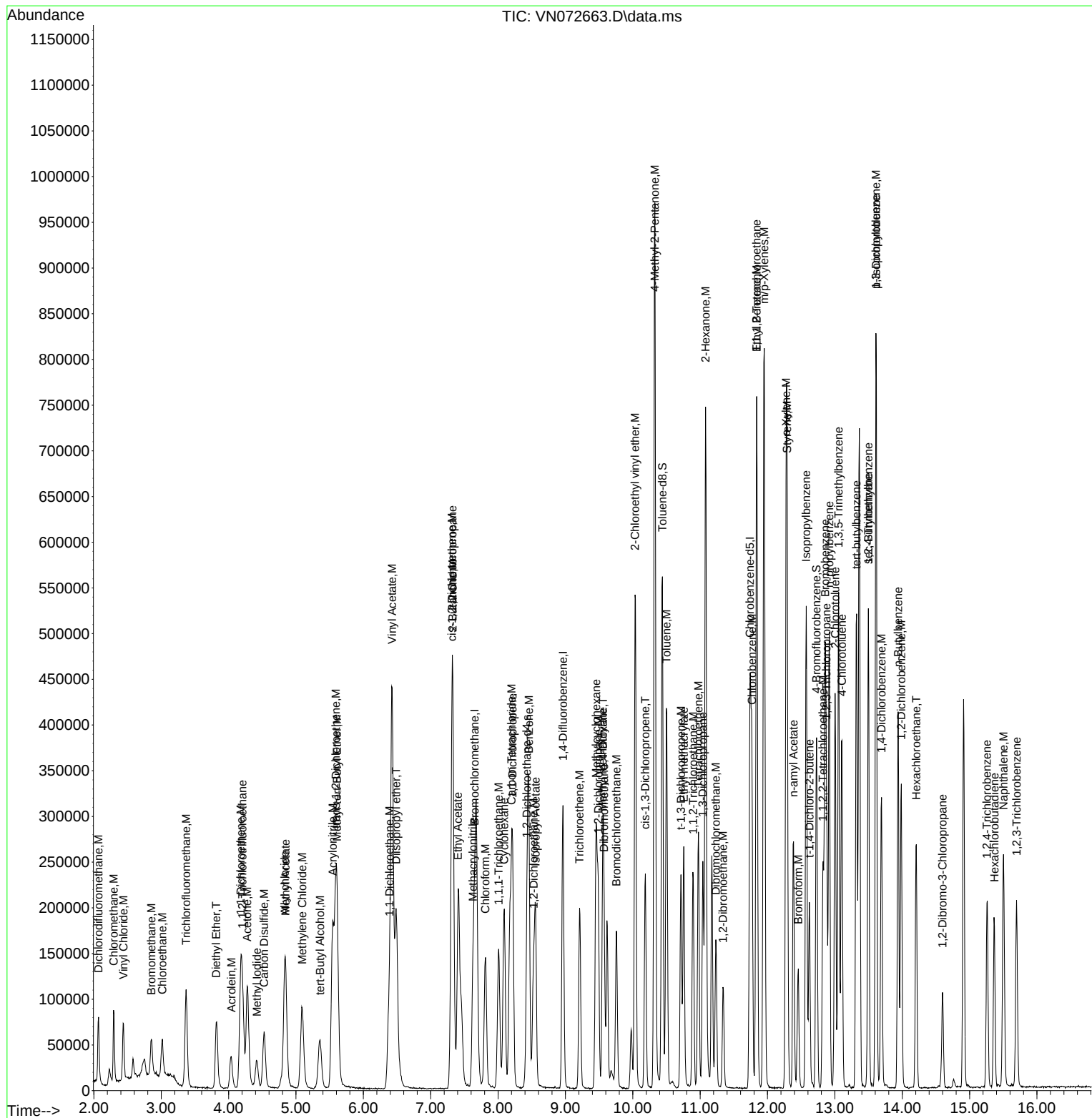
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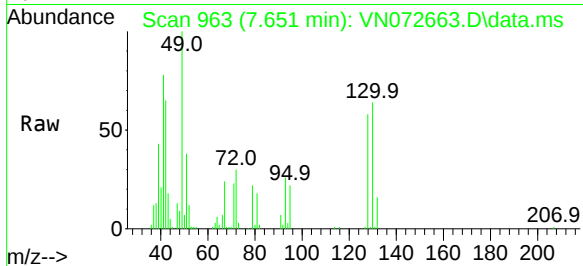
Quant Time: Jun 07 06:24:57 2022
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#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.651 min Scan# 90
Delta R.T. 0.000 min
Lab File: VN072663.D
Acq: 06 Jun 2022 14:36

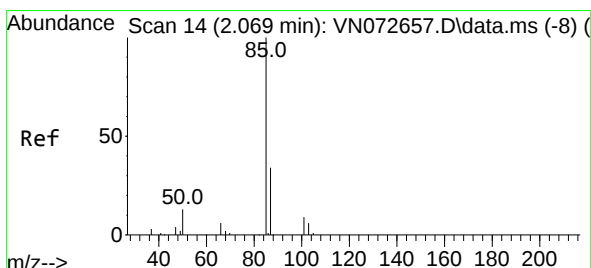
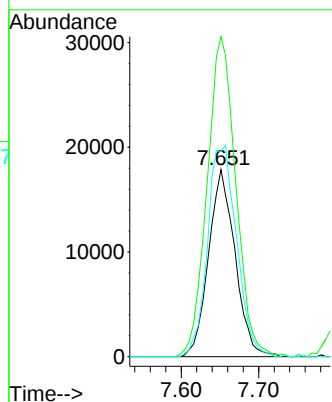
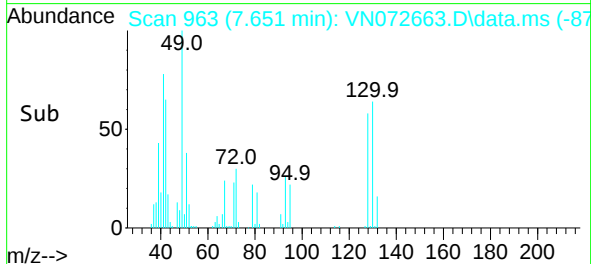
Instrument :
MSVOA_N
ClientSampleId :
ICVVN060622



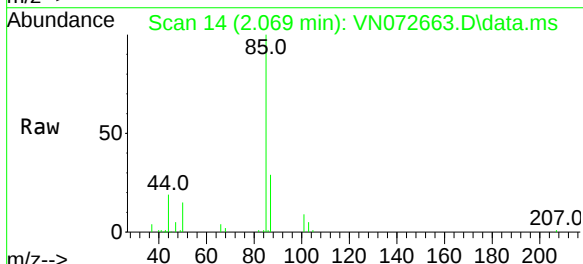
Tgt Ion: 128 Resp: 4252
Ion Ratio Lower Upper
128 100
49 184.8 0.0 392.3
130 124.0 0.0 320.2

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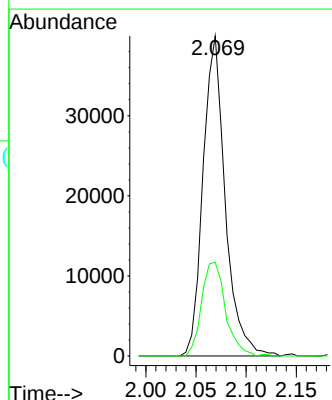
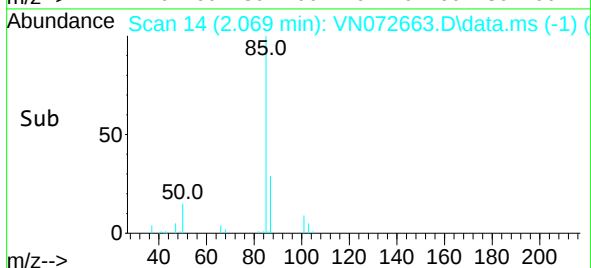
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022

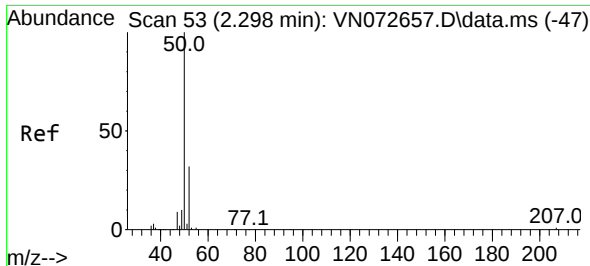


#2
Dichlorodifluoromethane
Concen: 19.335 ug/l
RT: 2.069 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN072663.D
Acq: 06 Jun 2022 14:36



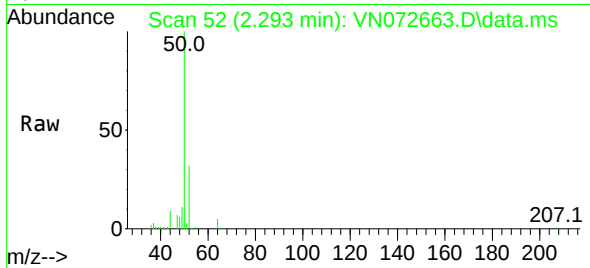
Tgt Ion: 85 Resp: 61593
Ion Ratio Lower Upper
85 100
87 29.2 16.6 49.7





#3
Chloromethane
Concen: 19.177 ug/l
RT: 2.293 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN072663.D
Acq: 06 Jun 2022 14:36

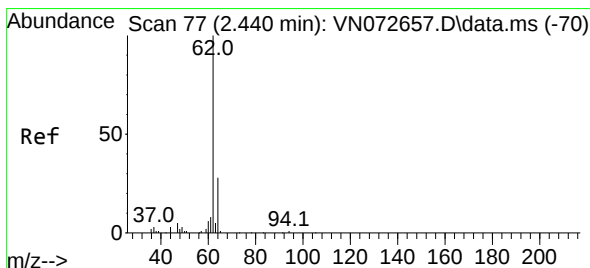
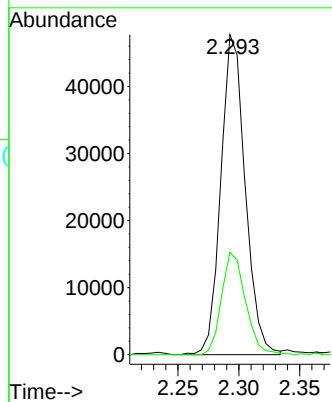
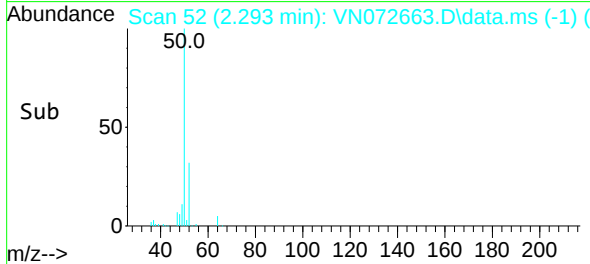
Instrument :
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ClientSampleId :
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Tgt Ion: 50 Resp: 66430
Ion Ratio Lower Upper
50 100
52 32.0 27.8 41.6

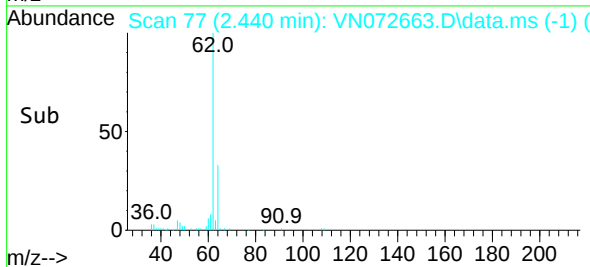
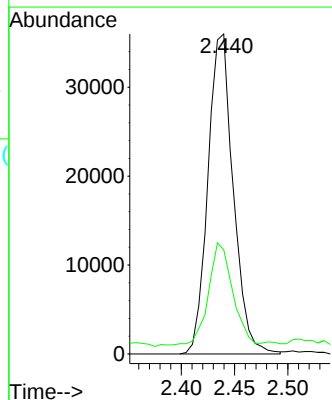
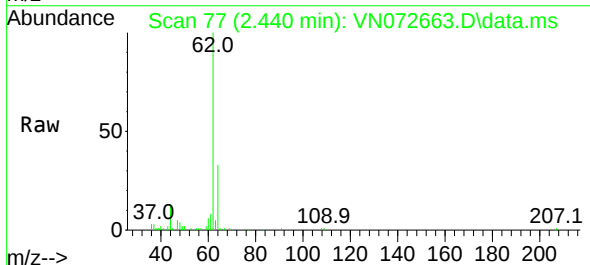
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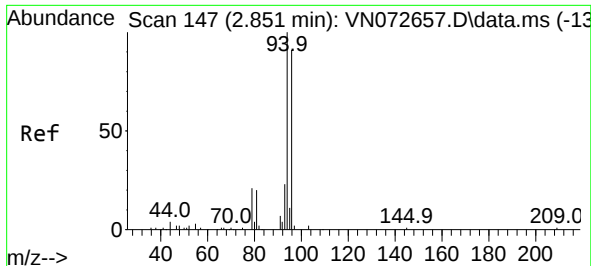
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022



#4
Vinyl Chloride
Concen: 19.031 ug/l
RT: 2.440 min Scan# 77
Delta R.T. 0.000 min
Lab File: VN072663.D
Acq: 06 Jun 2022 14:36

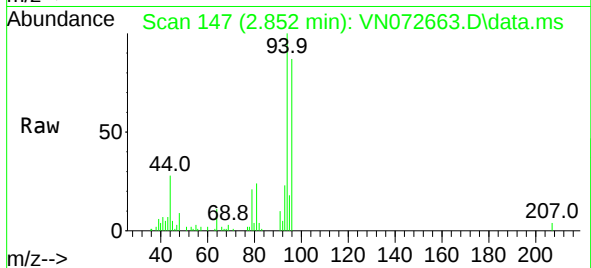
Tgt Ion: 62 Resp: 59445
Ion Ratio Lower Upper
62 100
64 29.4 25.1 37.7





#5
Bromomethane
Concen: 19.733 ug/l
RT: 2.852 min Scan# 147
Delta R.T. 0.000 min
Lab File: VN072663.D
Acq: 06 Jun 2022 14:36

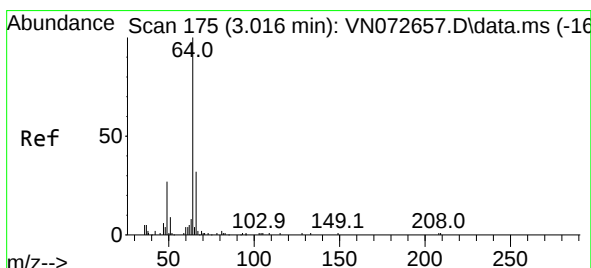
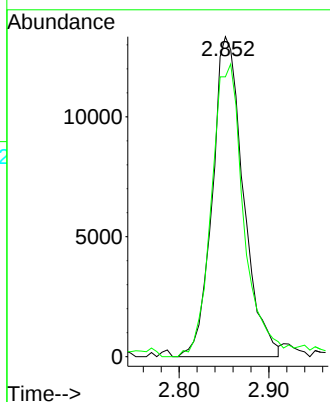
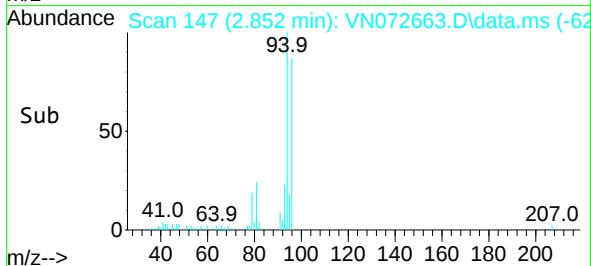
Instrument :
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ClientSampleId :
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Tgt Ion: 94 Resp: 31874
Ion Ratio Lower Upper
94 100
96 87.4 75.2 112.8

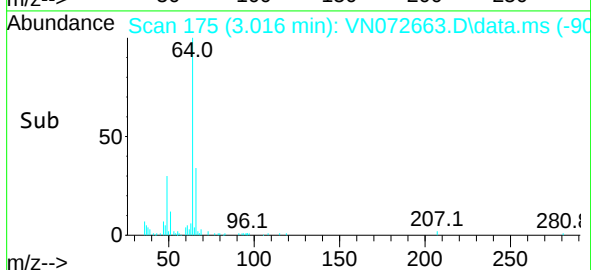
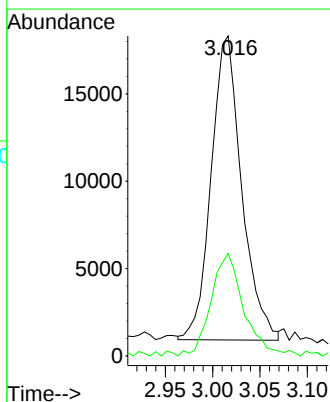
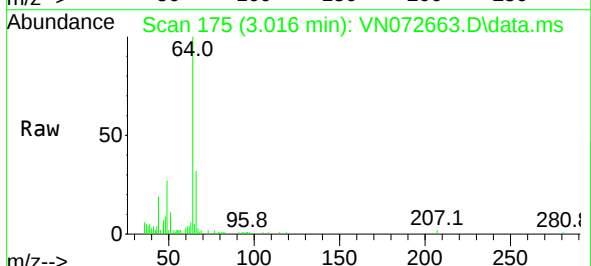
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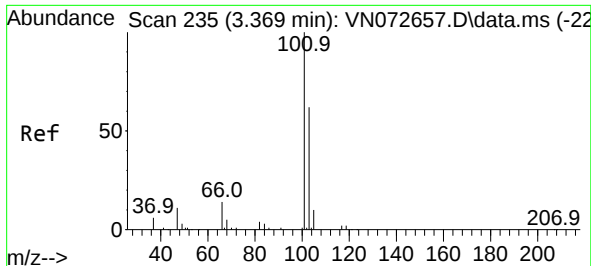
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022



#6
Chloroethane
Concen: 18.733 ug/l
RT: 3.016 min Scan# 175
Delta R.T. 0.000 min
Lab File: VN072663.D
Acq: 06 Jun 2022 14:36

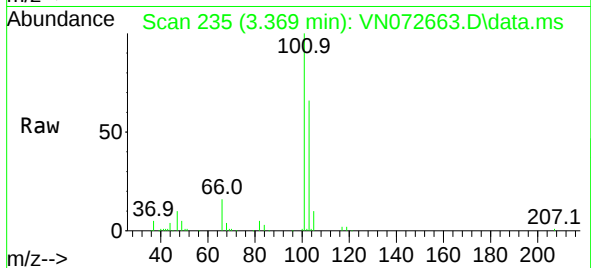
Tgt Ion: 64 Resp: 39014
Ion Ratio Lower Upper
64 100
66 34.1 24.6 36.8





#7
Trichlorofluoromethane
Concen: 19.673 ug/l
RT: 3.369 min Scan# 211
Delta R.T. 0.000 min
Lab File: VN072663.D
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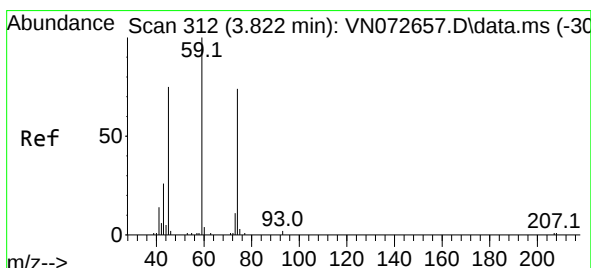
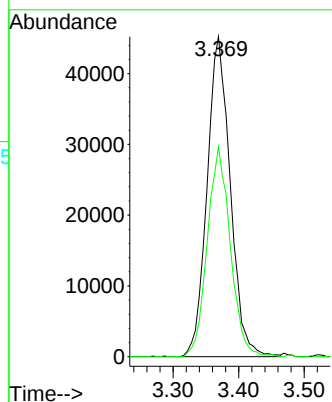
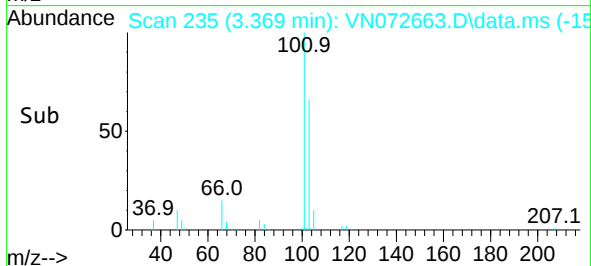
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Tgt Ion:101 Resp: 111089
Ion Ratio Lower Upper
101 100
103 65.6 50.1 75.1

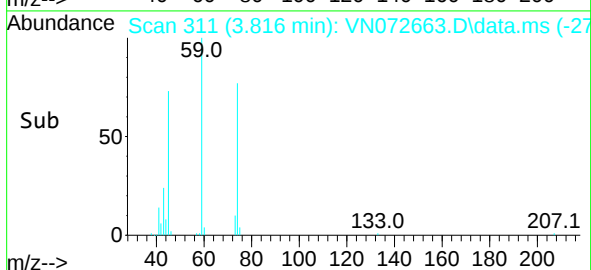
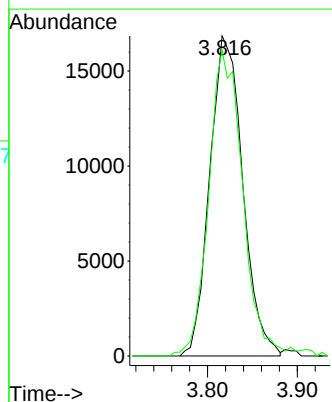
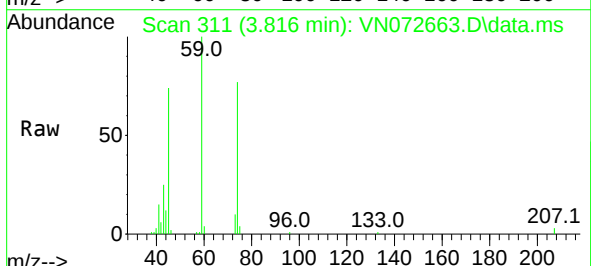
Manual Integrations
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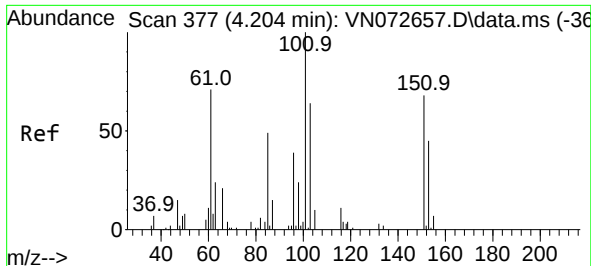
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022



#8
Diethyl Ether
Concen: 19.634 ug/l
RT: 3.816 min Scan# 311
Delta R.T. -0.006 min
Lab File: VN072663.D
Acq: 06 Jun 2022 14:36

Tgt Ion: 74 Resp: 42985
Ion Ratio Lower Upper
74 100
45 97.5 17.6 158.8





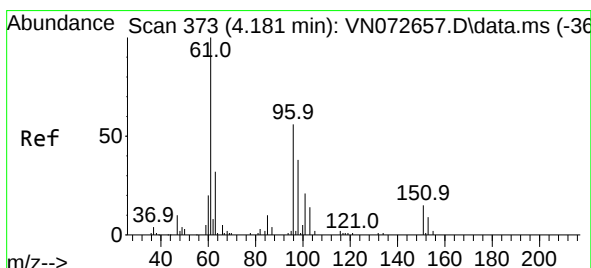
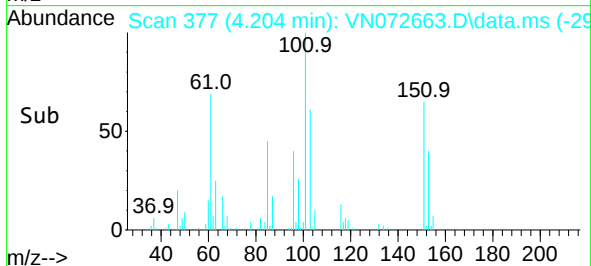
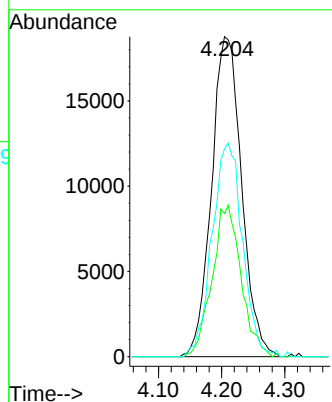
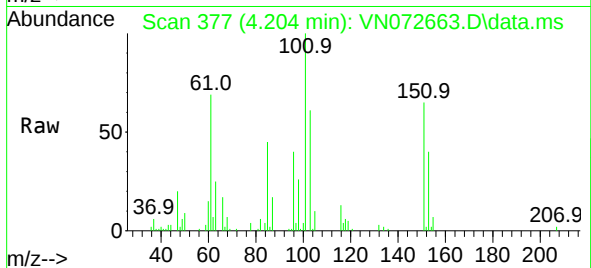
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.861 ug/l
RT: 4.204 min Scan# 377
Delta R.T. 0.000 min
Lab File: VN072663.D
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Tgt Ion:101 Resp: 6205
Ion Ratio Lower Upper
101 100
85 45.4 0.0 94.0
151 67.3 0.0 74.6

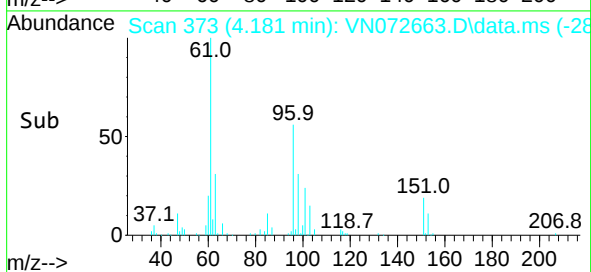
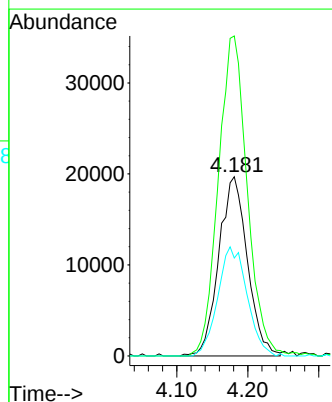
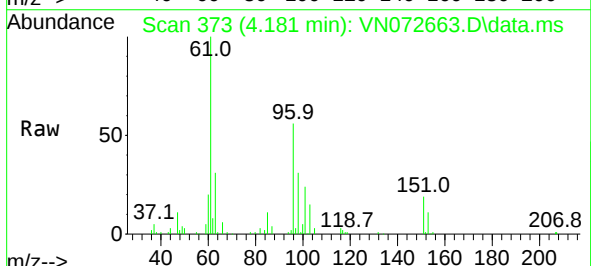
Manual Integrations
APPROVED

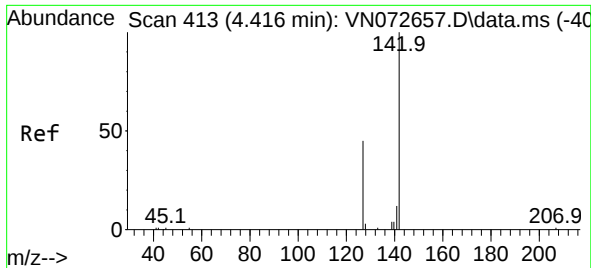
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022



#10
1,1-Dichloroethene
Concen: 19.587 ug/l
RT: 4.181 min Scan# 373
Delta R.T. 0.000 min
Lab File: VN072663.D
Acq: 06 Jun 2022 14:36

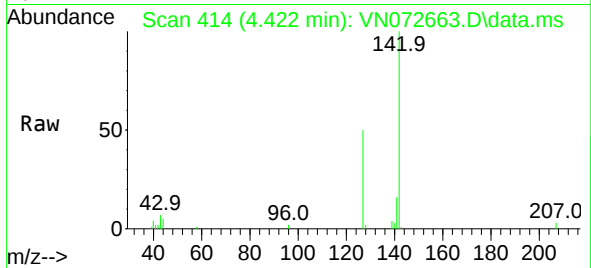
Tgt Ion: 96 Resp: 55033
Ion Ratio Lower Upper
96 100
61 178.6 126.2 189.4
98 54.6 50.9 76.3





#11
Methyl Iodide
Concen: 17.817 ug/l
RT: 4.422 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN072663.D
Acq: 06 Jun 2022 14:36

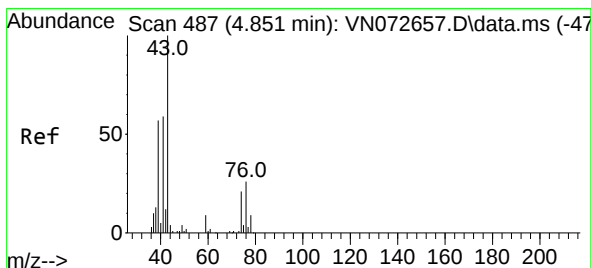
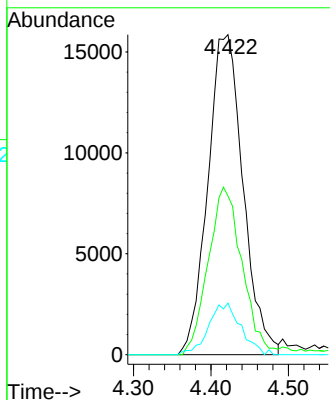
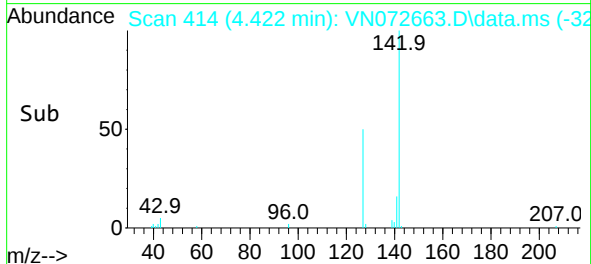
Instrument :
MSVOA_N
ClientSampleId :
ICVVN060622



Tgt Ion:142 Resp: 50118
Ion Ratio Lower Upper
142 100
127 49.5 24.0 72.0
141 16.4 8.4 25.2

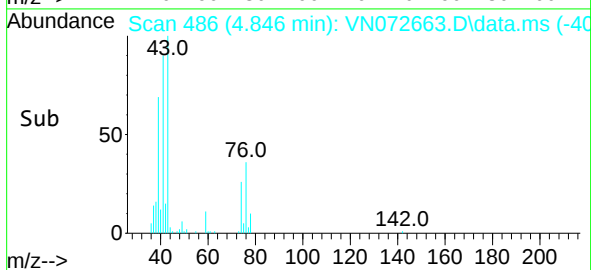
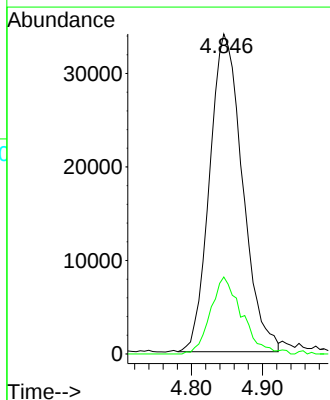
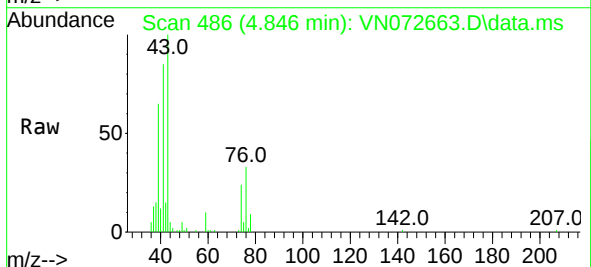
Manual Integrations
APPROVED

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



#12
Methyl Acetate
Concen: 18.866 ug/l
RT: 4.846 min Scan# 486
Delta R.T. -0.006 min
Lab File: VN072663.D
Acq: 06 Jun 2022 14:36

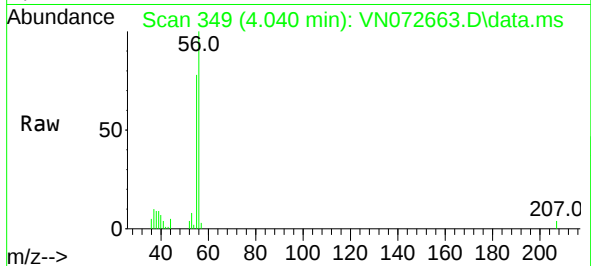
Tgt Ion: 43 Resp: 109360
Ion Ratio Lower Upper
43 100
74 24.0 20.8 31.2





#13
Acrolein
Concen: 86.275 ug/l
RT: 4.040 min Scan# 348
Delta R.T. 0.006 min
Lab File: VN072663.D
Acq: 06 Jun 2022 14:36

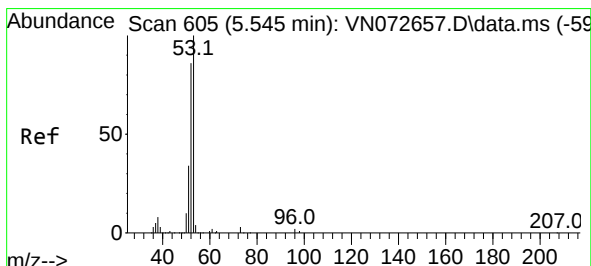
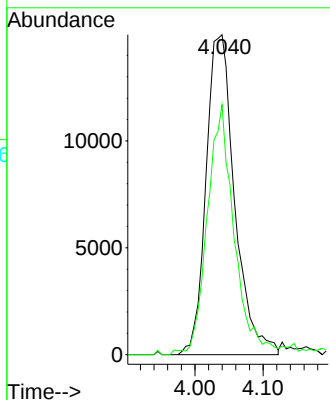
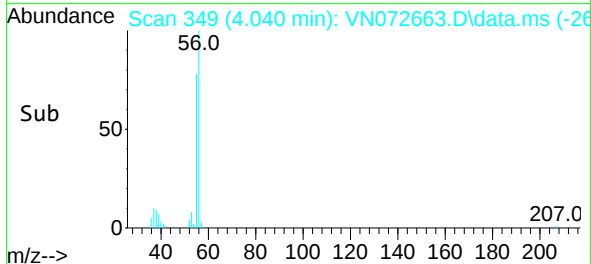
Instrument :
MSVOA_N
ClientSampleId :
ICVVN060622



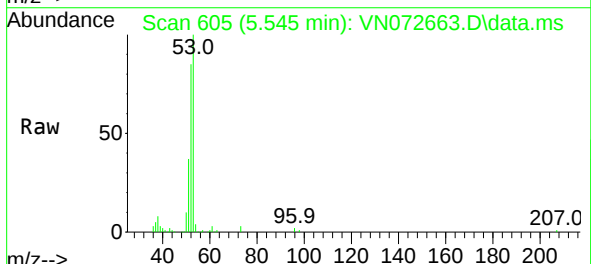
Tgt Ion: 56 Resp: 43778
Ion Ratio Lower Upper
56 100
55 70.9 57.6 86.4

Manual Integrations
APPROVED

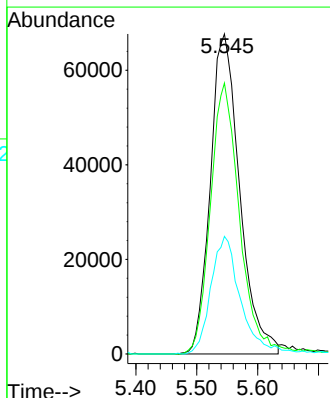
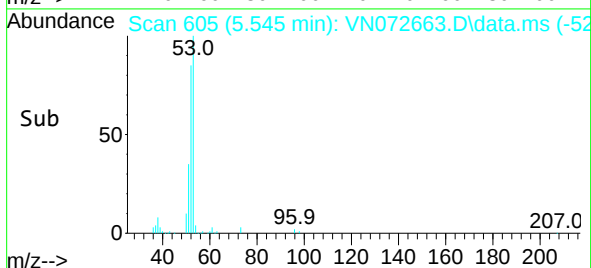
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022

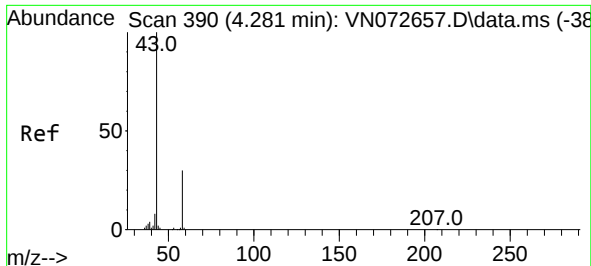


#14
Acrylonitrile
Concen: 96.058 ug/l
RT: 5.545 min Scan# 605
Delta R.T. 0.000 min
Lab File: VN072663.D
Acq: 06 Jun 2022 14:36



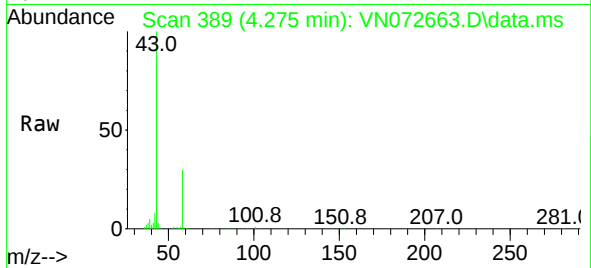
Tgt Ion: 53 Resp: 226976
Ion Ratio Lower Upper
53 100
52 81.5 41.8 125.4
51 35.9 19.0 57.0





#15
Acetone
Concen: 94.882 ug/l
RT: 4.275 min Scan# 389
Delta R.T. -0.006 min
Lab File: VN072663.D
Acq: 06 Jun 2022 14:36

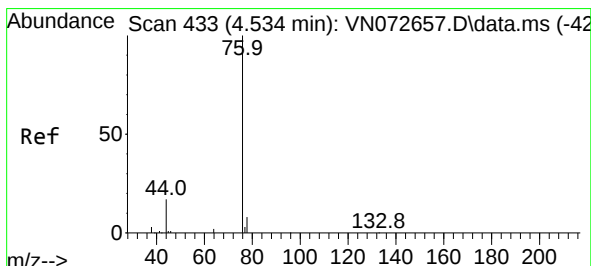
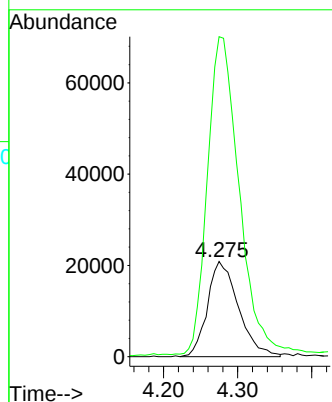
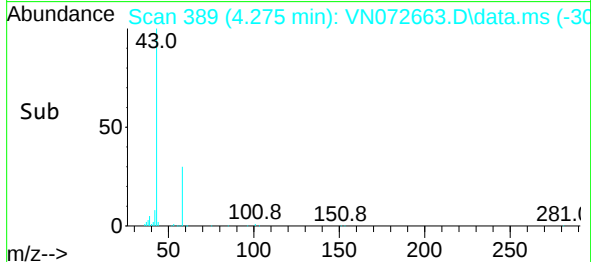
Instrument :
MSVOA_N
ClientSampleId :
ICVVN060622



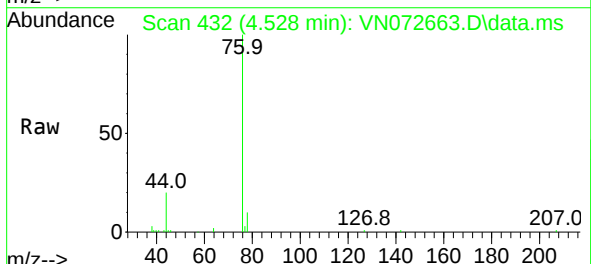
Tgt Ion: 58 Resp: 60702
Ion Ratio Lower Upper
58 100
43 333.6 256.6 384.8

Manual Integrations
APPROVED

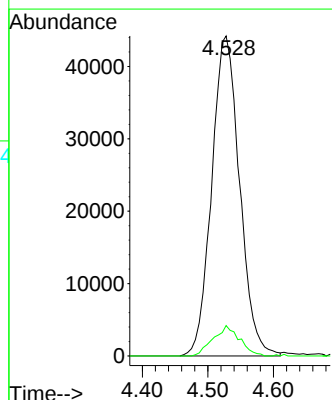
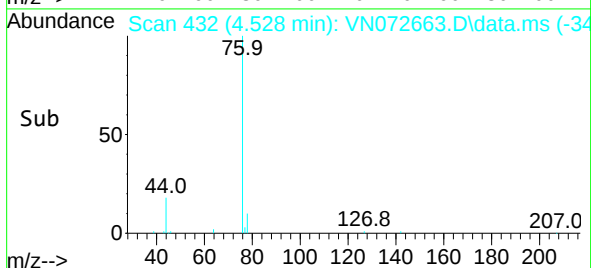
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022

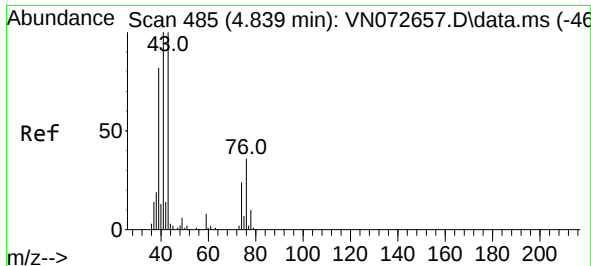


#16
Carbon Disulfide
Concen: 18.461 ug/l
RT: 4.528 min Scan# 432
Delta R.T. -0.006 min
Lab File: VN072663.D
Acq: 06 Jun 2022 14:36



Tgt Ion: 76 Resp: 130756
Ion Ratio Lower Upper
76 100
78 9.5 7.8 11.8





#17

Allyl chloride

Concen: 19.583 ug/l

RT: 4.834 min Scan# 41

Delta R.T. -0.006 min

Lab File: VN072663.D

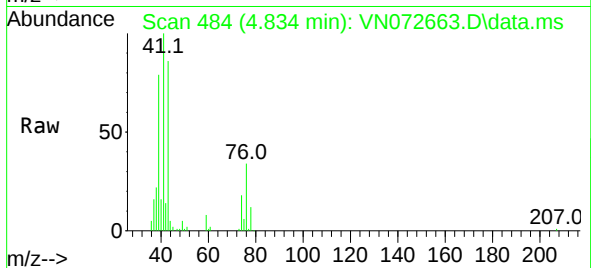
Acq: 06 Jun 2022 14:36

Instrument :

MSVOA_N

ClientSampleId :

ICVVN060622



Tgt Ion: 41 Resp: 11885

Ion Ratio Lower Upper

41 100

39 79.4 44.6 134.0

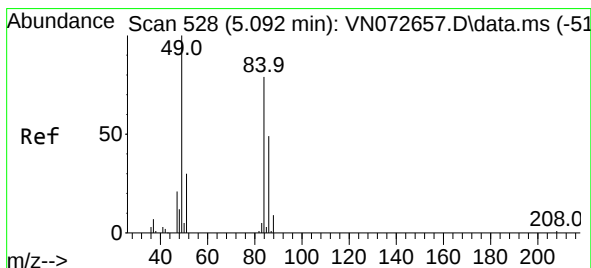
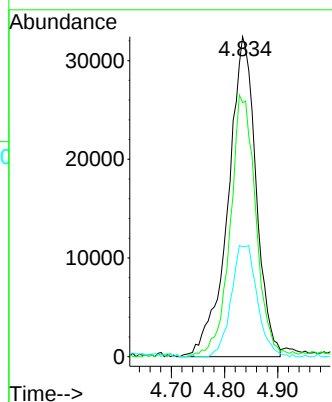
76 34.4 19.6 58.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/07/2022

Supervised By :Mahesh Dadoda 06/07/2022



#18

Methylene Chloride

Concen: 19.453 ug/l

RT: 5.093 min Scan# 528

Delta R.T. 0.000 min

Lab File: VN072663.D

Acq: 06 Jun 2022 14:36

Tgt Ion: 84 Resp: 68629

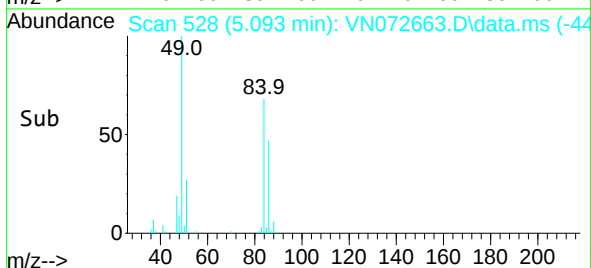
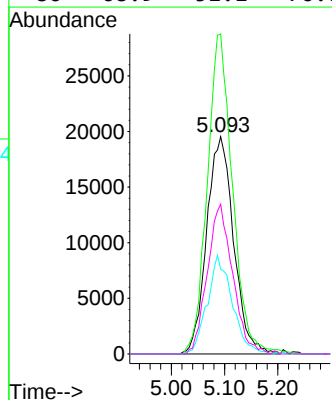
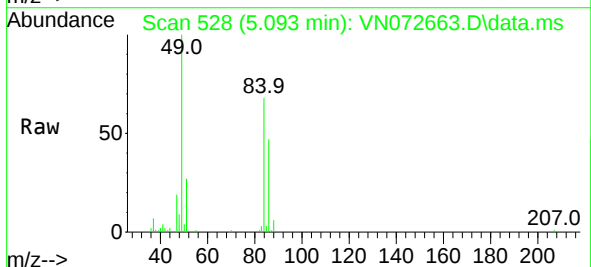
Ion Ratio Lower Upper

84 100

49 147.3 91.4 137.0#

51 39.0 29.4 44.0

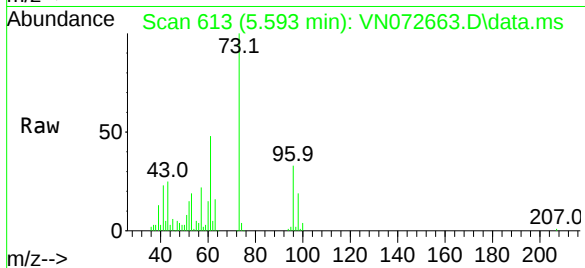
86 68.9 51.1 76.7





#19
trans-1,2-Dichloroethene
Concen: 19.079 ug/l
RT: 5.593 min Scan# 613
Delta R.T. 0.000 min
Lab File: VN072663.D
Acq: 06 Jun 2022 14:36

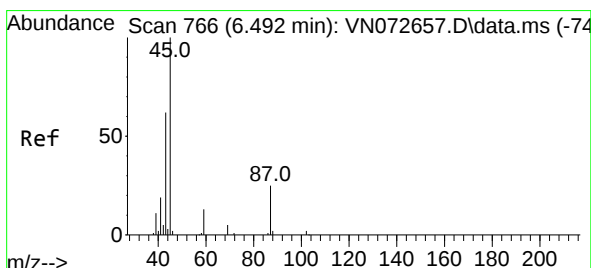
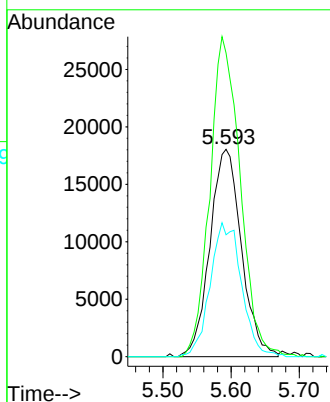
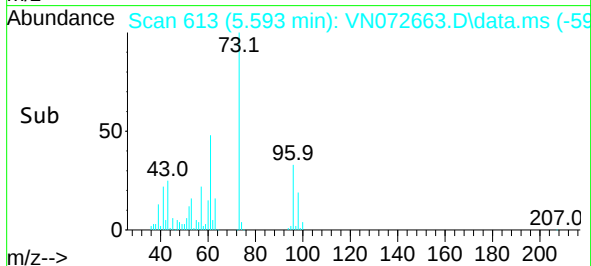
Instrument :
MSVOA_N
ClientSampleId :
ICVVN060622



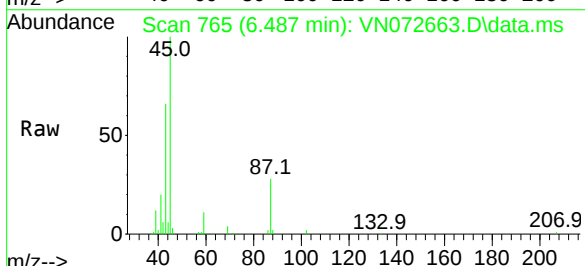
Tgt Ion: 96 Resp: 58010
Ion Ratio Lower Upper
96 100
61 146.5 102.8 154.2
98 58.8 49.3 73.9

Manual Integrations
APPROVED

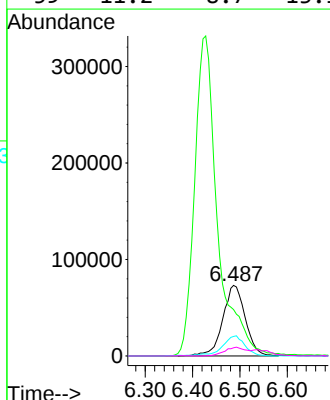
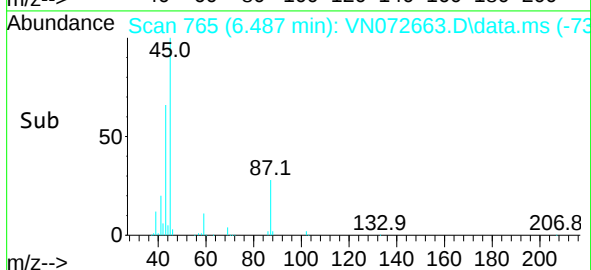
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022

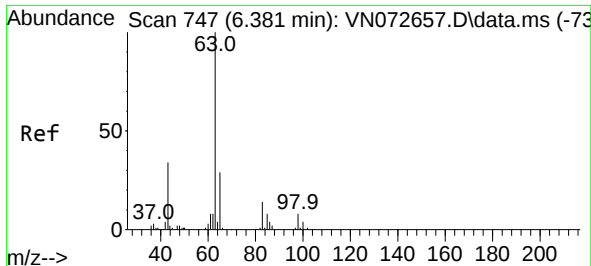


#20
Diisopropyl ether
Concen: 20.090 ug/l
RT: 6.487 min Scan# 765
Delta R.T. -0.006 min
Lab File: VN072663.D
Acq: 06 Jun 2022 14:36



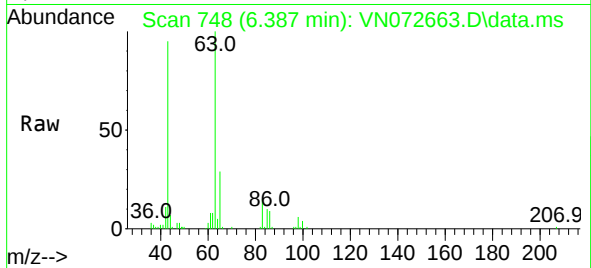
Tgt Ion: 45 Resp: 241493
Ion Ratio Lower Upper
45 100
43 62.5 51.0 76.4
87 27.5 25.0 37.4
59 11.2 8.7 13.1





#21
1,1-Dichloroethane
Concen: 19.663 ug/l
RT: 6.387 min Scan# 747
Delta R.T. 0.006 min
Lab File: VN072663.D
Acq: 06 Jun 2022 14:36

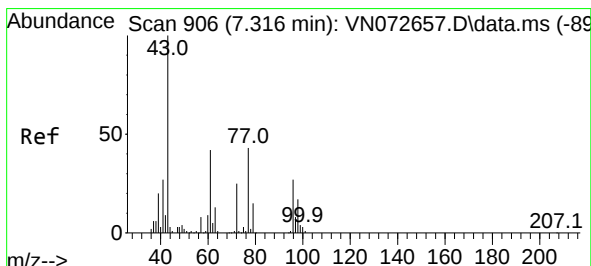
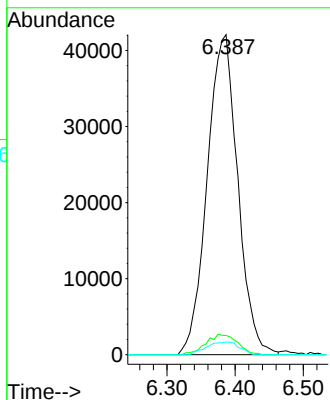
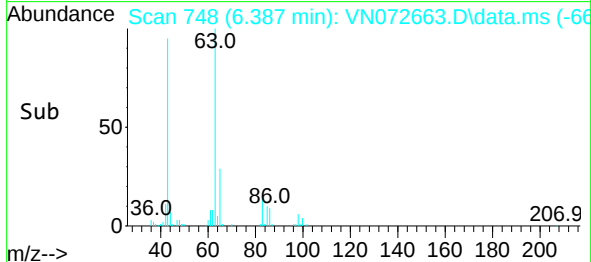
Instrument :
MSVOA_N
ClientSampleId :
ICVVN060622



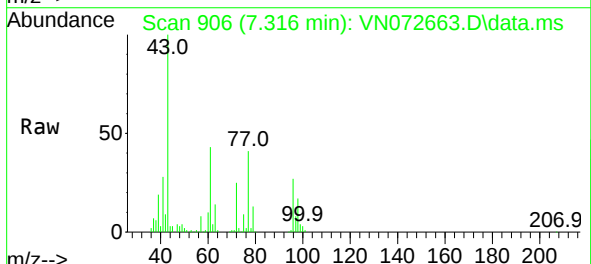
Tgt Ion: 63 Resp: 131314
Ion Ratio Lower Upper
63 100
98 6.0 3.2 9.6
100 4.0 2.1 6.2

Manual Integrations
APPROVED

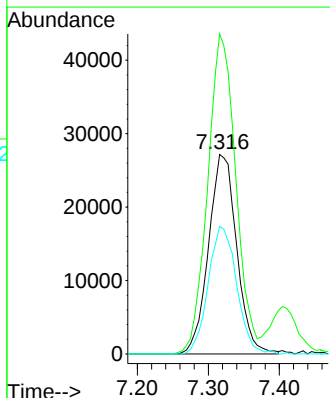
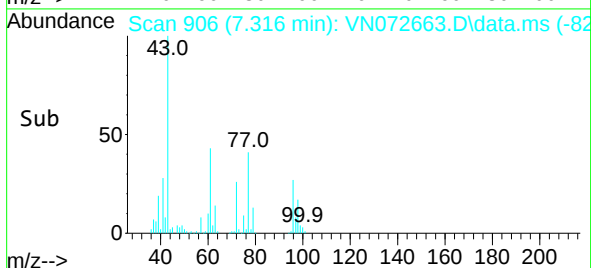
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022

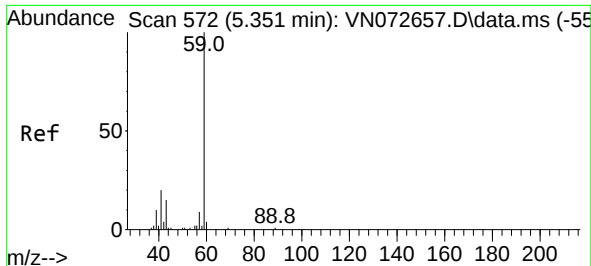


#22
cis-1,2-Dichloroethene
Concen: 19.664 ug/l
RT: 7.316 min Scan# 906
Delta R.T. 0.000 min
Lab File: VN072663.D
Acq: 06 Jun 2022 14:36



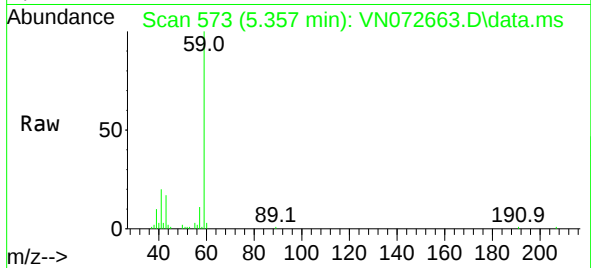
Tgt Ion: 96 Resp: 74890
Ion Ratio Lower Upper
96 100
61 159.5 115.7 173.5
98 63.9 51.6 77.4





#23
tert-Butyl Alcohol
Concen: 96.633 ug/l
RT: 5.357 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN072663.D
Acq: 06 Jun 2022 14:36

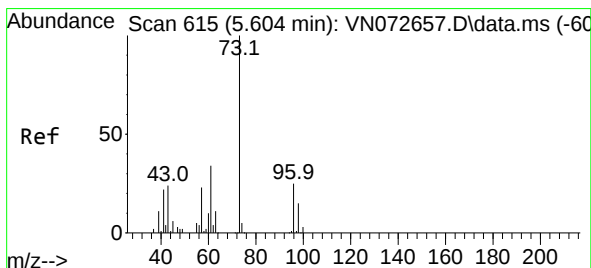
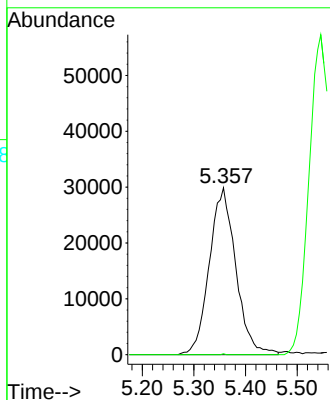
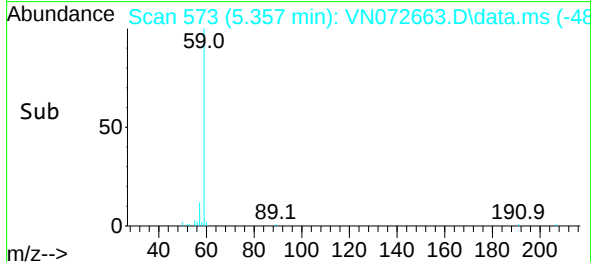
Instrument :
MSVOA_N
ClientSampleId :
ICVVN060622



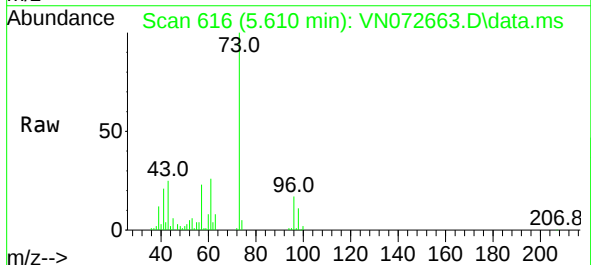
Tgt Ion: 59 Resp: 10625
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

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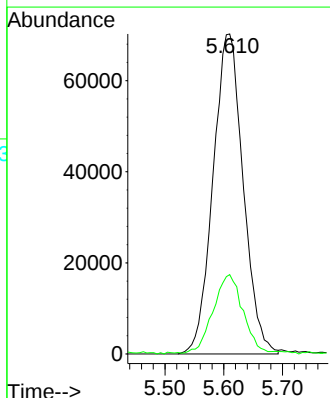
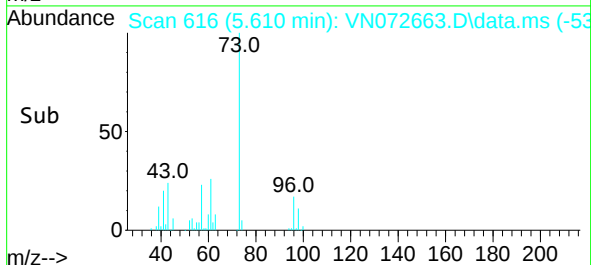
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022

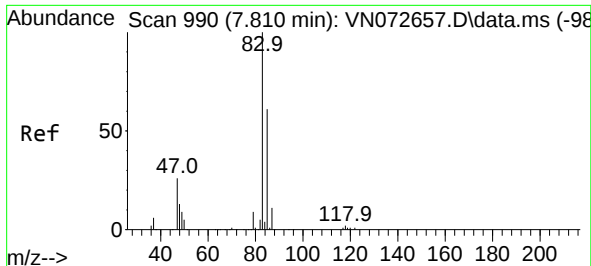


#24
Methyl tert-Butyl Ether
Concen: 20.037 ug/l
RT: 5.610 min Scan# 616
Delta R.T. 0.006 min
Lab File: VN072663.D
Acq: 06 Jun 2022 14:36



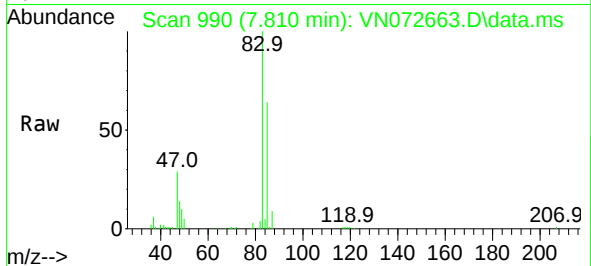
Tgt Ion: 73 Resp: 250365
Ion Ratio Lower Upper
73 100
43 24.0 18.1 27.1





#25
Chloroform
Concen: 20.041 ug/l
RT: 7.810 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN072663.D
Acq: 06 Jun 2022 14:36

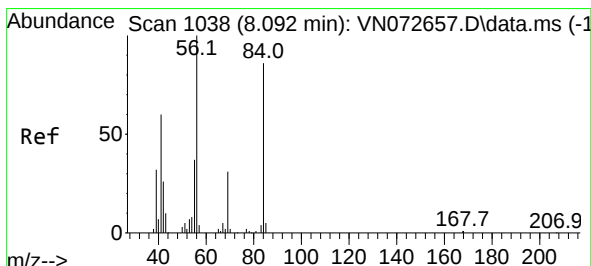
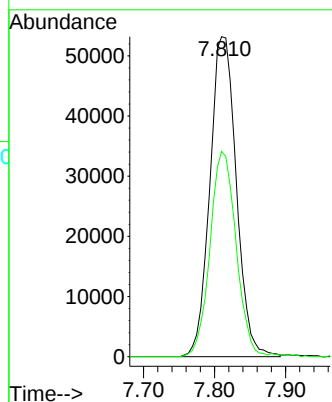
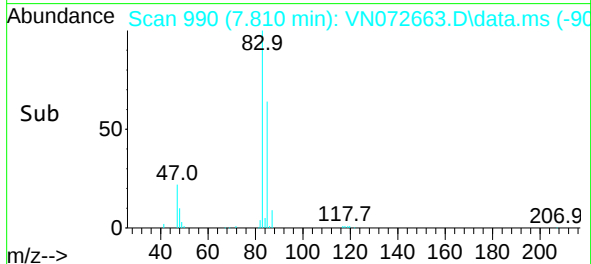
Instrument :
MSVOA_N
ClientSampleId :
ICVVN060622



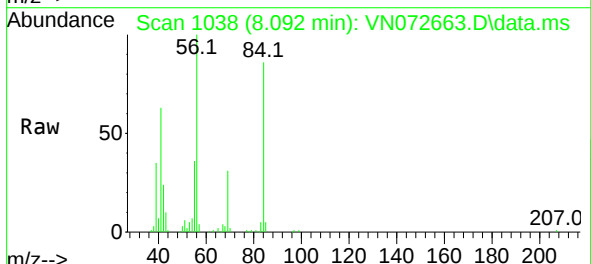
Tgt Ion: 83 Resp: 137485
Ion Ratio Lower Upper
83 100
85 64.1 51.3 76.9

Manual Integrations
APPROVED

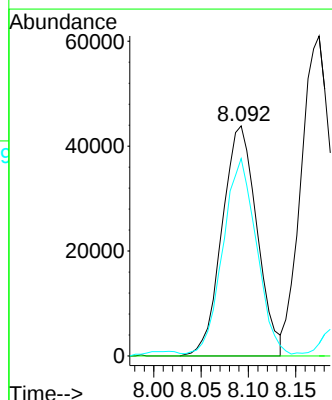
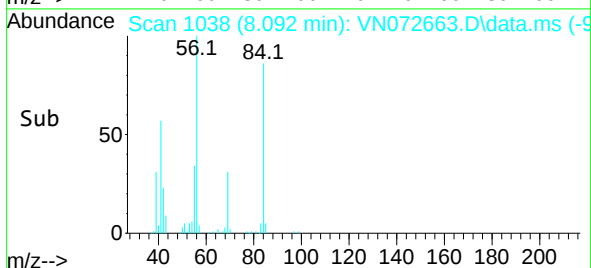
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022

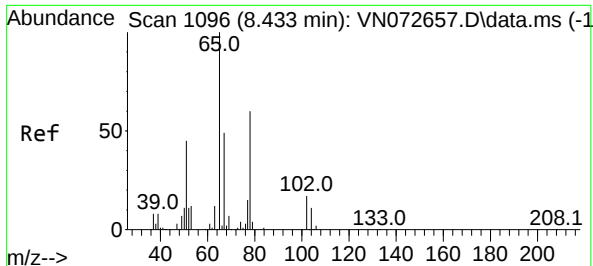


#26
Cyclohexane
Concen: 20.202 ug/l
RT: 8.092 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VN072663.D
Acq: 06 Jun 2022 14:36



Tgt Ion: 56 Resp: 112485
Ion Ratio Lower Upper
56 100
89 0.0 0.1 0.1#
84 81.4 74.6 111.8





#27

1,2-Dichloroethane-d4

Concen: 29.684 ug/l

RT: 8.428 min Scan# 1096

Delta R.T. -0.006 min

Lab File: VN072663.D

Acq: 06 Jun 2022 14:36

Instrument :

MSVOA_N

ClientSampleId :

ICVVN060622

Tgt Ion: 65 Resp: 143962

Ion Ratio Lower Upper

65 100

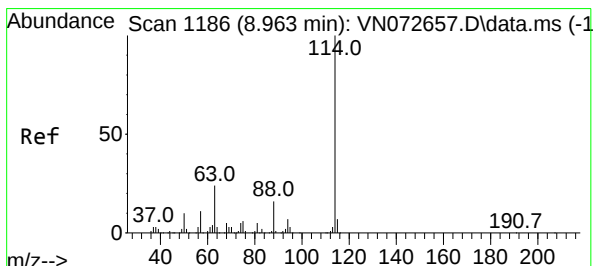
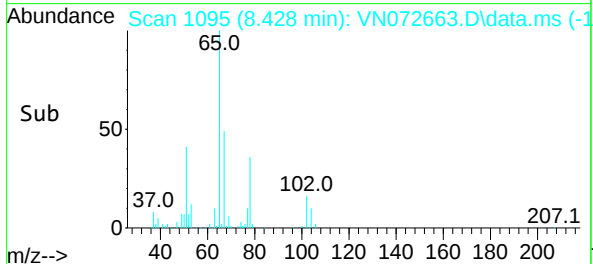
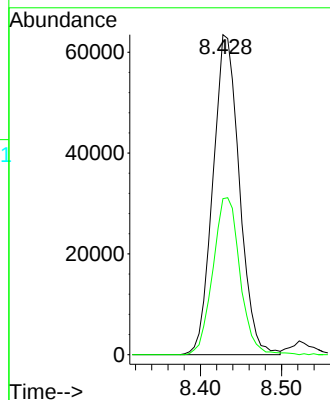
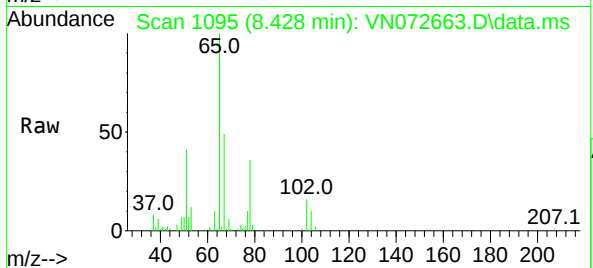
67 50.2 40.2 60.2

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: VN072663.D

Acq: 06 Jun 2022 14:36

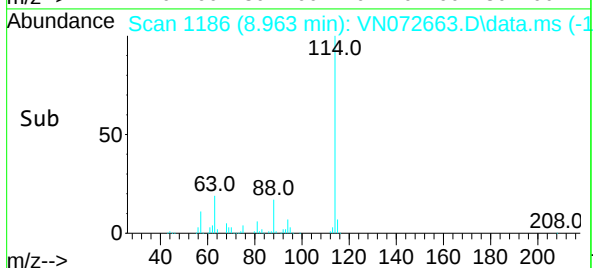
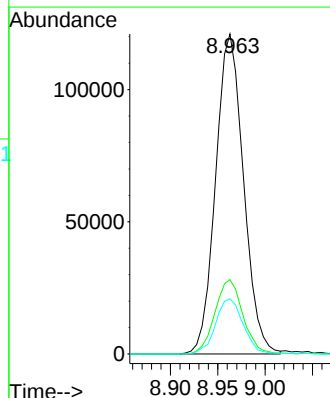
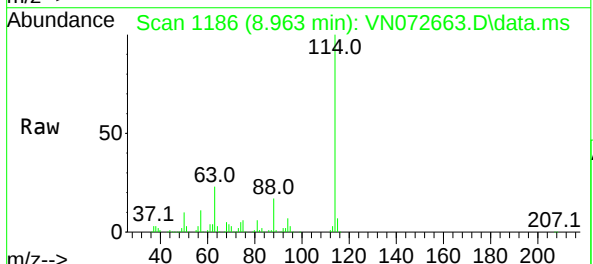
Tgt Ion:114 Resp: 247940

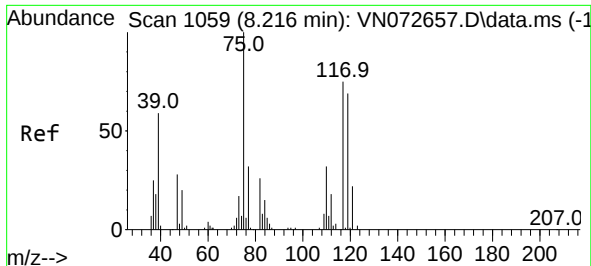
Ion Ratio Lower Upper

114 100

63 23.2 15.8 23.6

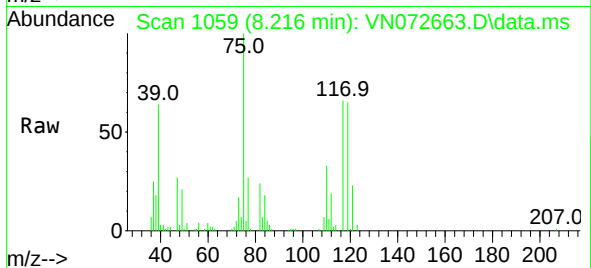
88 17.1 11.6 17.4





#29
1,1-Dichloropropene
Concen: 19.943 ug/l
RT: 8.216 min Scan# 1059
Delta R.T. 0.000 min
Lab File: VN072663.D
Acq: 06 Jun 2022 14:36

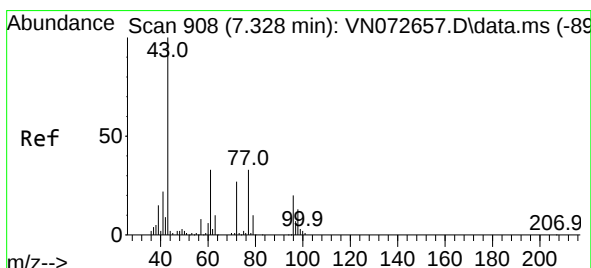
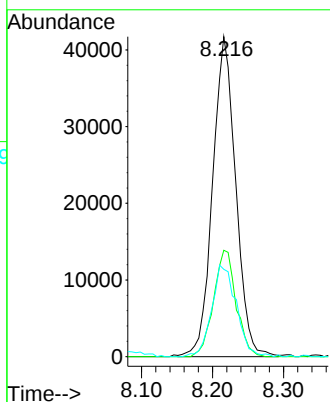
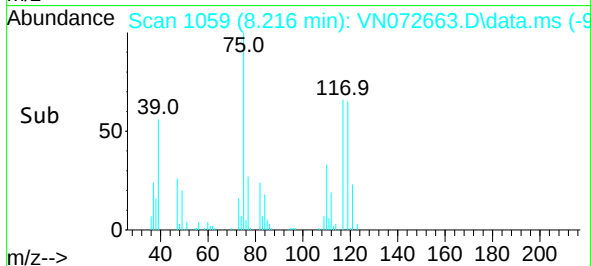
Instrument :
MSVOA_N
ClientSampleId :
ICVVN060622



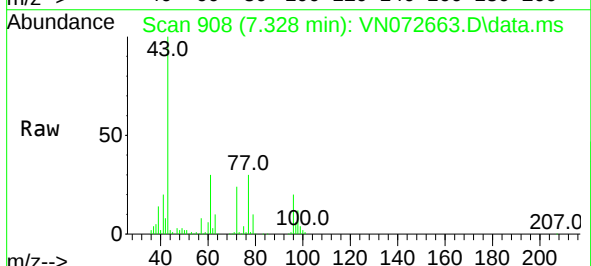
Tgt Ion: 75 Resp: 9425
Ion Ratio Lower Upper
75 100
110 32.5 0.0 74.2
77 30.2 0.0 63.2

Manual Integrations
APPROVED

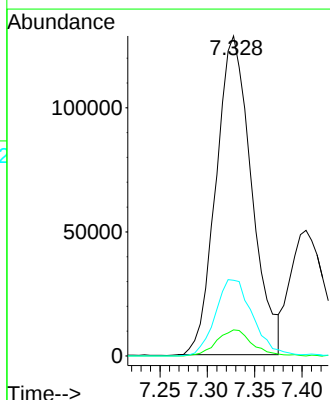
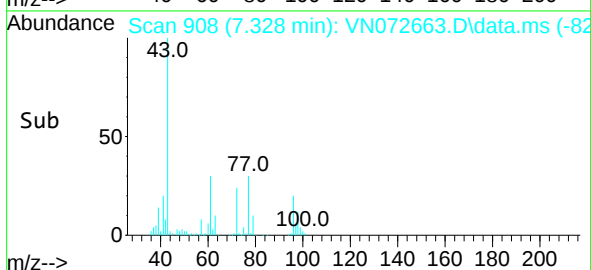
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022



#30
2-Butanone
Concen: 98.014 ug/l
RT: 7.328 min Scan# 908
Delta R.T. 0.000 min
Lab File: VN072663.D
Acq: 06 Jun 2022 14:36



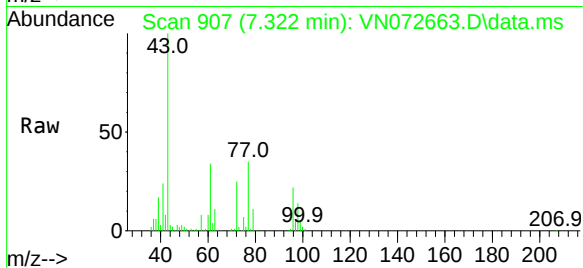
Tgt Ion: 43 Resp: 335254
Ion Ratio Lower Upper
43 100
57 8.1 6.7 10.1
72 25.2 23.2 34.8





#31
2,2-Dichloropropane
Concen: 19.657 ug/l
RT: 7.322 min Scan# 906
Delta R.T. 0.006 min
Lab File: VN072663.D
Acq: 06 Jun 2022 14:36

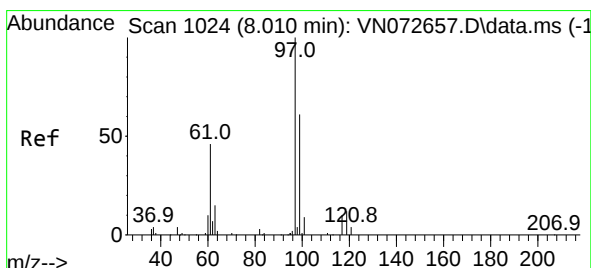
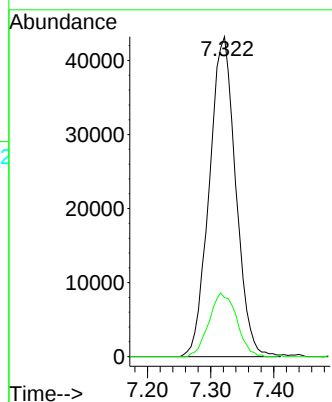
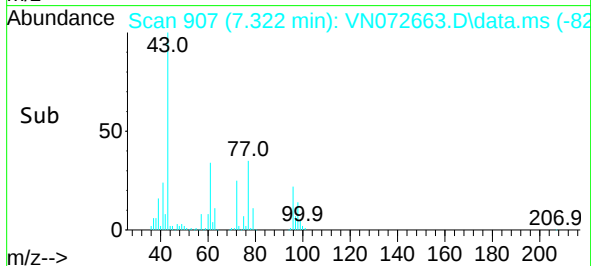
Instrument :
MSVOA_N
ClientSampleId :
ICVVN060622



Tgt Ion: 77 Resp: 125750
Ion Ratio Lower Upper
77 100
97 20.8 18.3 27.5

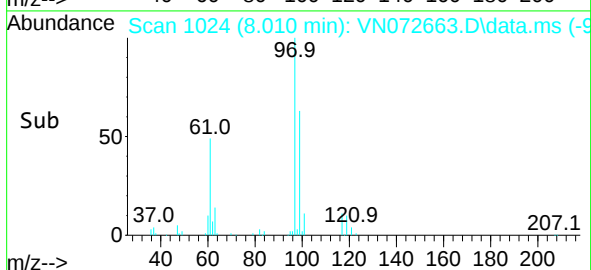
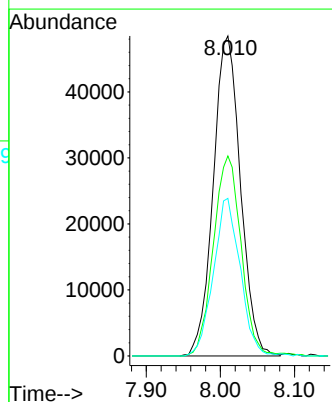
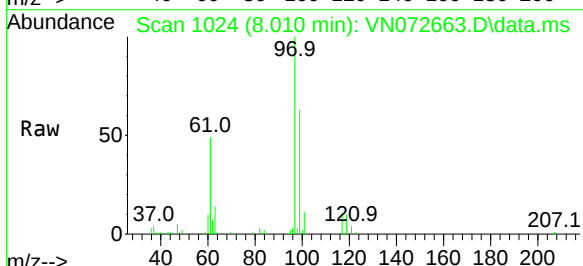
Manual Integrations
APPROVED

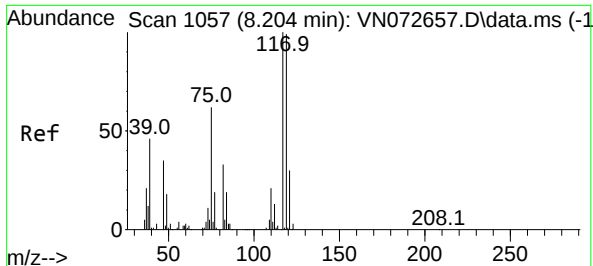
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022



#32
1,1,1-Trichloroethane
Concen: 20.004 ug/l
RT: 8.010 min Scan# 1024
Delta R.T. 0.000 min
Lab File: VN072663.D
Acq: 06 Jun 2022 14:36

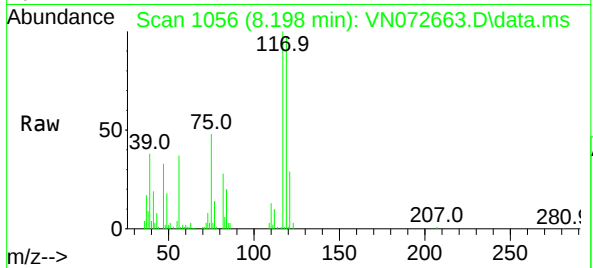
Tgt Ion: 97 Resp: 123710
Ion Ratio Lower Upper
97 100
99 63.3 50.4 75.6
61 48.2 34.6 51.8





#33
Carbon Tetrachloride
Concen: 19.575 ug/l
RT: 8.198 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN072663.D
Acq: 06 Jun 2022 14:36

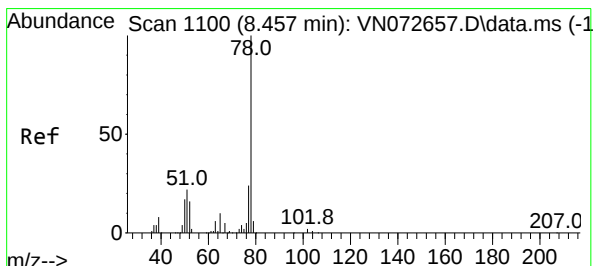
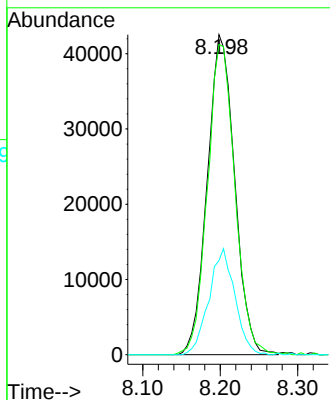
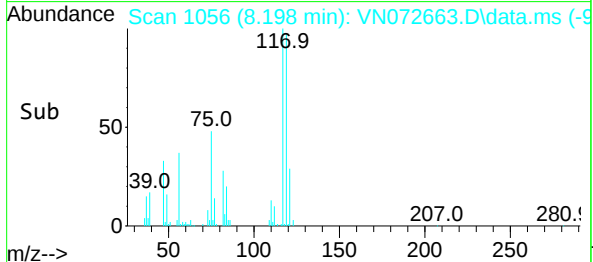
Instrument :
MSVOA_N
ClientSampleId :
ICVVN060622



Tgt Ion:117 Resp: 10439
Ion Ratio Lower Upper
117 100
119 96.5 77.5 116.3
121 29.5 23.5 35.3

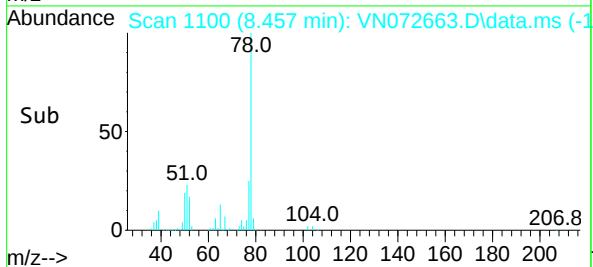
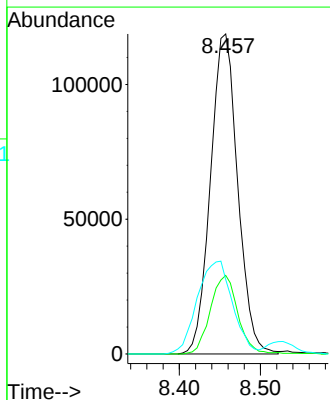
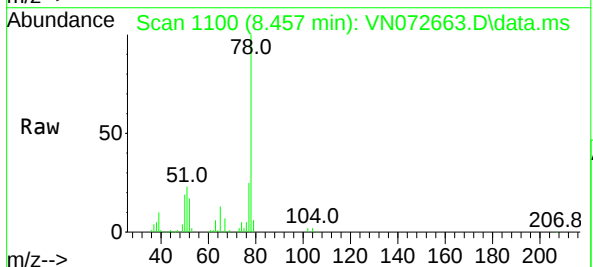
Manual Integrations
APPROVED

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



#34
Benzene
Concen: 19.825 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN072663.D
Acq: 06 Jun 2022 14:36

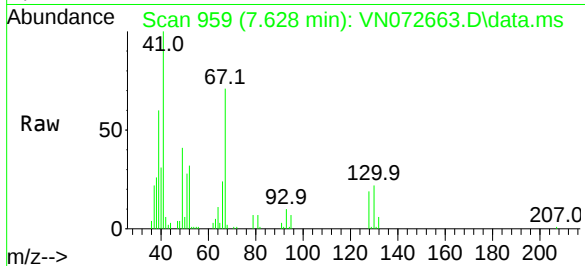
Tgt Ion: 78 Resp: 277200
Ion Ratio Lower Upper
78 100
77 24.6 19.1 28.7
51 21.7 16.0 24.0





#35
Methacrylonitrile
Concen: 18.563 ug/l
RT: 7.628 min Scan# 959
Delta R.T. 0.000 min
Lab File: VN072663.D
Acq: 06 Jun 2022 14:36

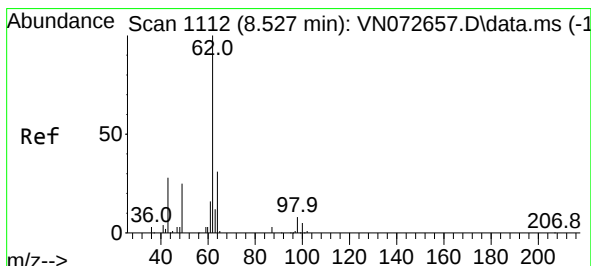
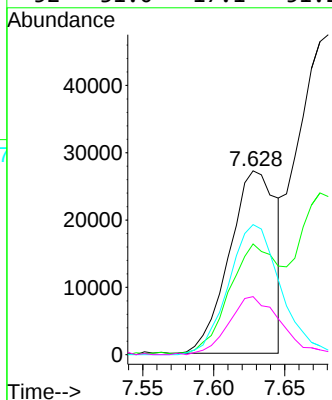
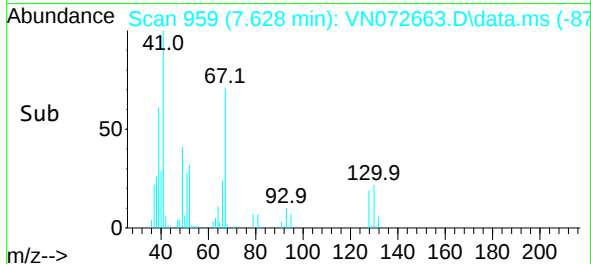
Instrument :
MSVOA_N
ClientSampleId :
ICVVN060622



Tgt Ion: 41 Resp: 62258
Ion Ratio Lower Upper
41 100
39 59.7 28.0 83.9
67 71.3 37.7 113.1
52 31.0 17.1 51.2

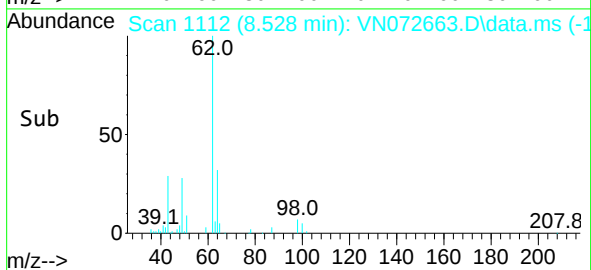
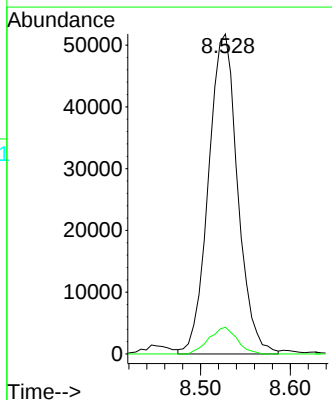
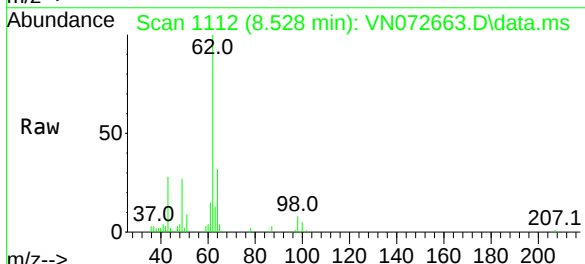
Manual Integrations
APPROVED

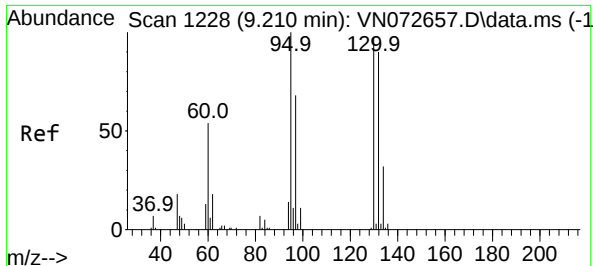
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022



#36
1,2-Dichloroethane
Concen: 19.815 ug/l
RT: 8.528 min Scan# 1112
Delta R.T. 0.000 min
Lab File: VN072663.D
Acq: 06 Jun 2022 14:36

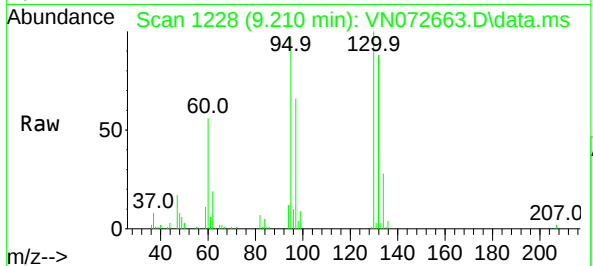
Tgt Ion: 62 Resp: 117055
Ion Ratio Lower Upper
62 100
98 8.0 6.6 10.0





#37
Trichloroethene
Concen: 20.197 ug/l
RT: 9.210 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VN072663.D
Acq: 06 Jun 2022 14:36

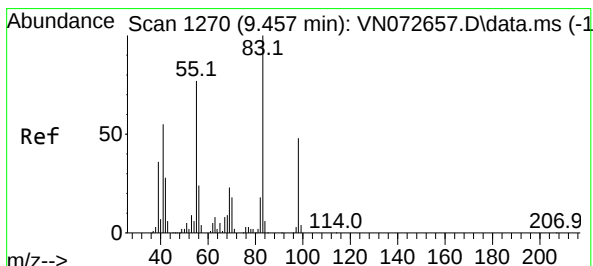
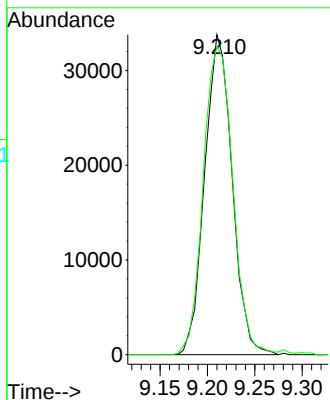
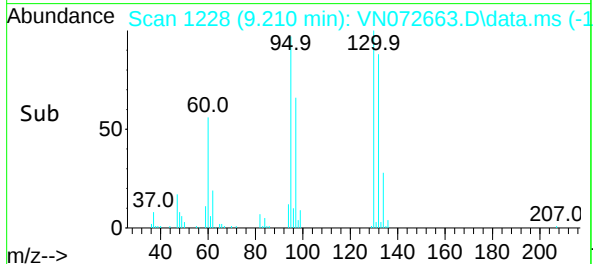
Instrument :
MSVOA_N
ClientSampleId :
ICVVN060622



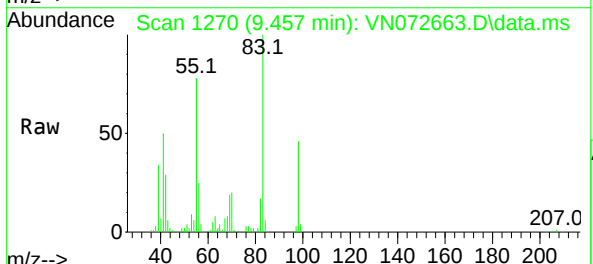
Tgt Ion:130 Resp: 68080
Ion Ratio Lower Upper
130 100
95 96.0 76.6 115.0

Manual Integrations
APPROVED

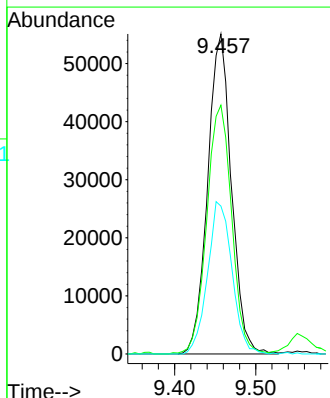
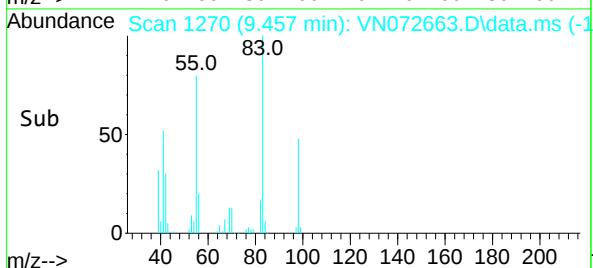
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022

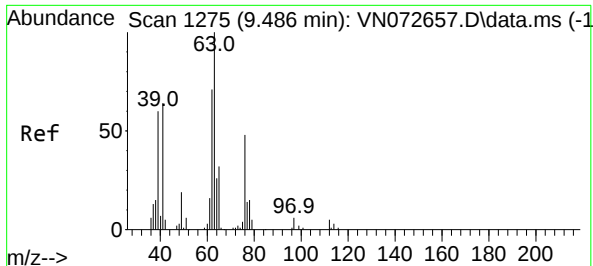


#38
Methylcyclohexane
Concen: 19.877 ug/l
RT: 9.457 min Scan# 1270
Delta R.T. 0.000 min
Lab File: VN072663.D
Acq: 06 Jun 2022 14:36



Tgt Ion: 83 Resp: 112152
Ion Ratio Lower Upper
83 100
55 81.5 35.1 105.3
98 48.8 23.4 70.2





#39

1,2-Dichloropropane

Concen: 20.122 ug/l

RT: 9.486 min Scan# 1275

Delta R.T. 0.000 min

Lab File: VN072663.D

Acq: 06 Jun 2022 14:36

Instrument :

MSVOA_N

ClientSampleId :

ICVVN060622

Tgt Ion: 63 Resp: 77298

Ion Ratio Lower Upper

63 100

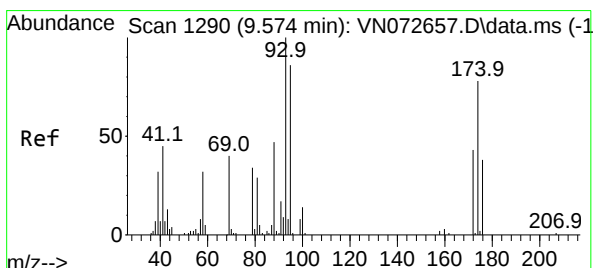
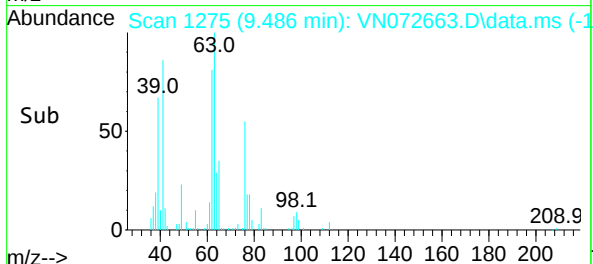
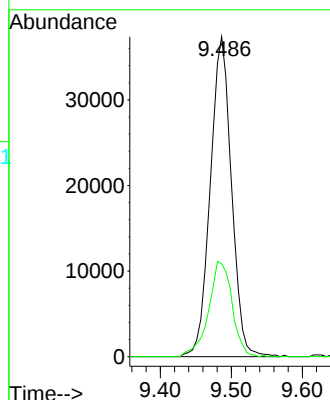
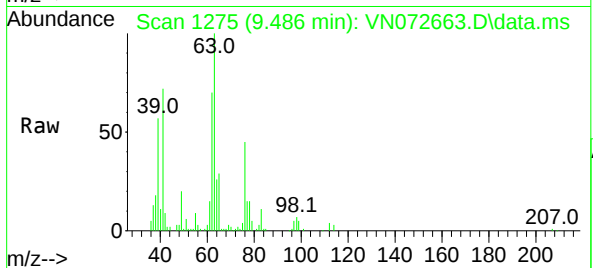
65 29.0 24.2 36.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/07/2022

Supervised By :Mahesh Dadoda 06/07/2022



#40

Dibromomethane

Concen: 19.871 ug/l

RT: 9.575 min Scan# 1290

Delta R.T. 0.000 min

Lab File: VN072663.D

Acq: 06 Jun 2022 14:36

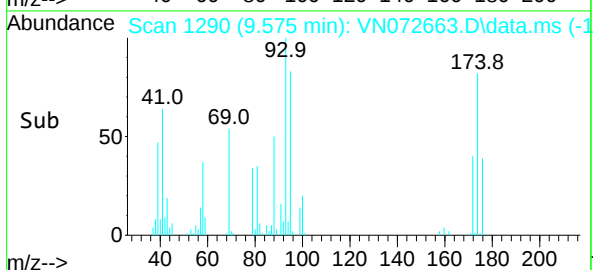
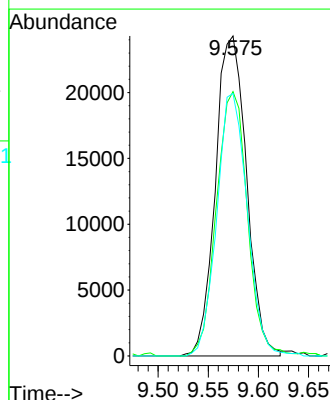
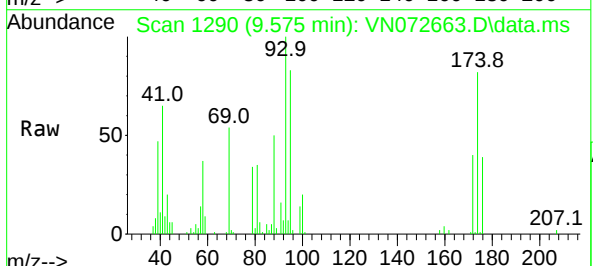
Tgt Ion: 93 Resp: 52400

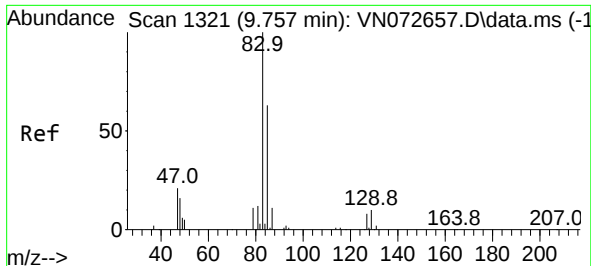
Ion Ratio Lower Upper

93 100

95 82.0 0.0 168.8

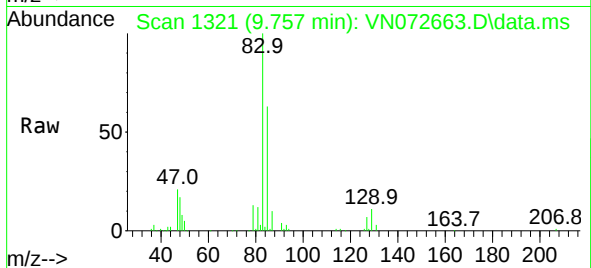
174 80.2 0.0 173.6





#41
Bromodichloromethane
Concen: 19.867 ug/l
RT: 9.757 min Scan# 1321
Delta R.T. 0.000 min
Lab File: VN072663.D
Acq: 06 Jun 2022 14:36

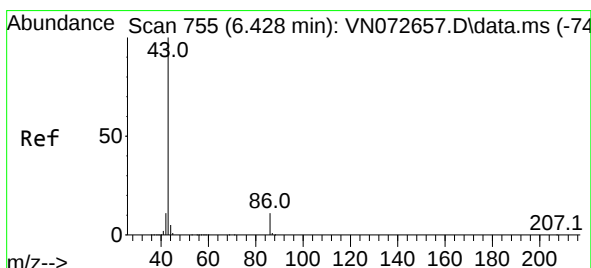
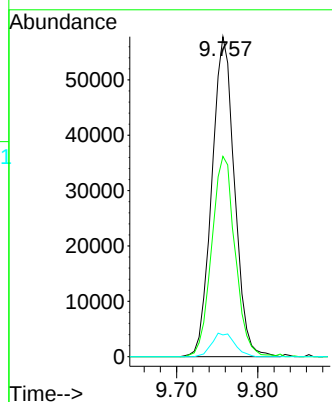
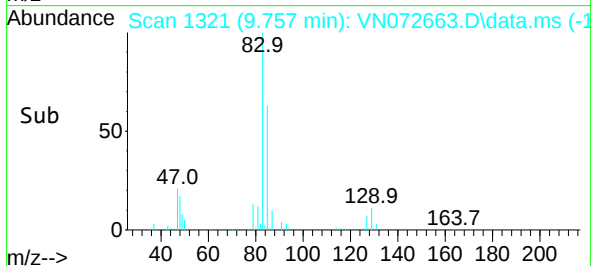
Instrument :
MSVOA_N
ClientSampleId :
ICVVN060622



Tgt Ion: 83 Resp: 11206
Ion Ratio Lower Upper
83 100
85 62.6 54.1 81.1
127 7.9 7.6 11.4

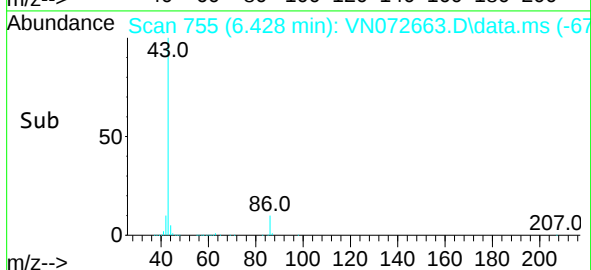
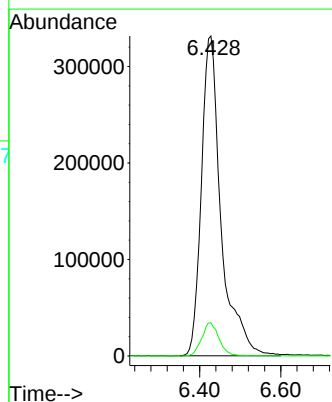
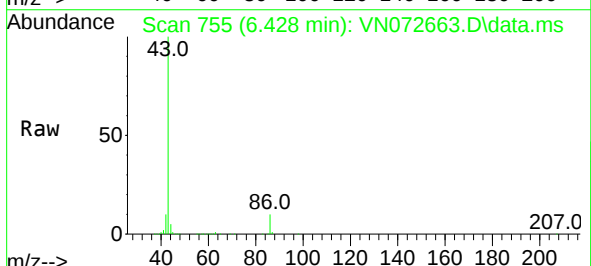
Manual Integrations
APPROVED

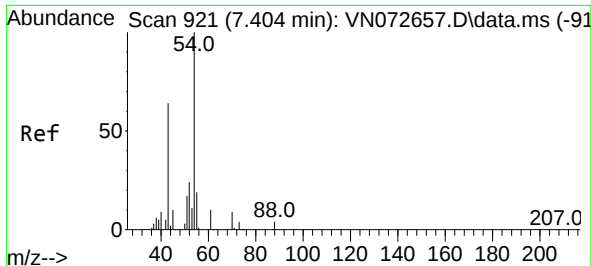
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022



#42
Vinyl Acetate
Concen: 100.097 ug/l
RT: 6.428 min Scan# 755
Delta R.T. 0.000 min
Lab File: VN072663.D
Acq: 06 Jun 2022 14:36

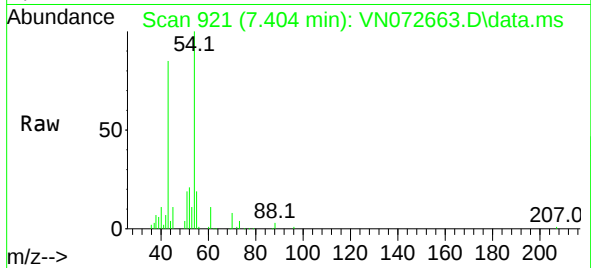
Tgt Ion: 43 Resp: 1114627
Ion Ratio Lower Upper
43 100
86 9.1 7.5 11.3





#43
Ethyl Acetate
Concen: 19.426 ug/l
RT: 7.404 min Scan# 911
Delta R.T. 0.000 min
Lab File: VN072663.D
Acq: 06 Jun 2022 14:36

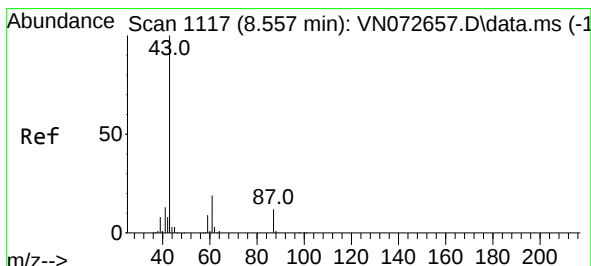
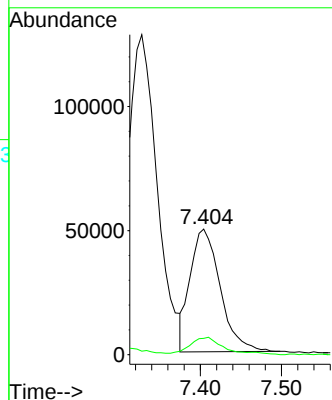
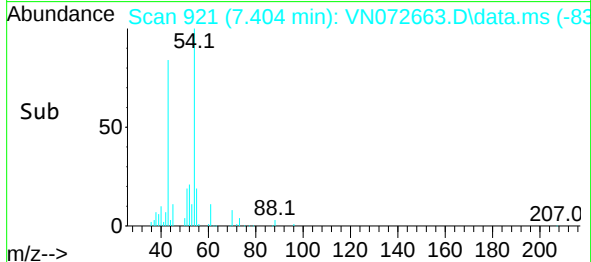
Instrument :
MSVOA_N
ClientSampleId :
ICVVN060622



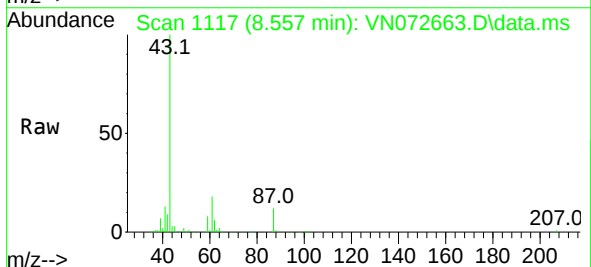
Tgt Ion: 43 Resp: 127308
Ion Ratio Lower Upper
43 100
45 12.4 10.6 16.0

Manual Integrations
APPROVED

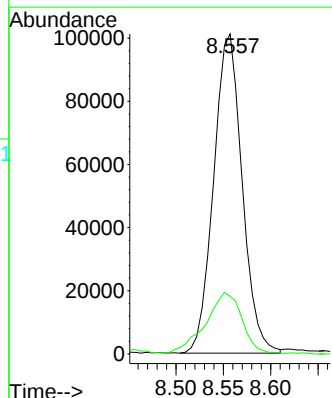
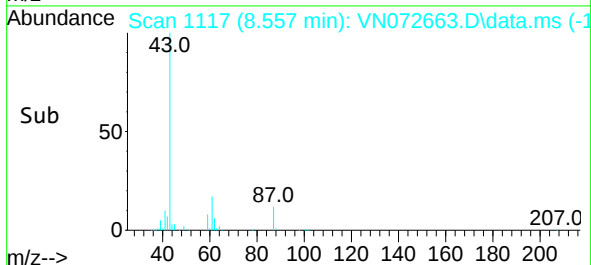
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022

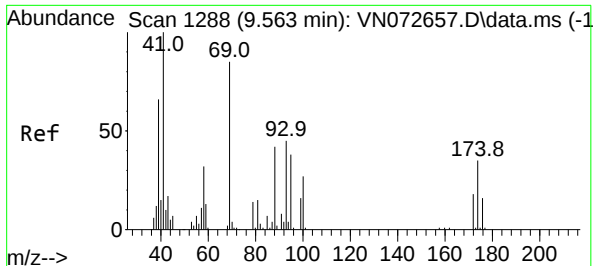


#44
Isopropyl Acetate
Concen: 19.449 ug/l
RT: 8.557 min Scan# 1117
Delta R.T. 0.000 min
Lab File: VN072663.D
Acq: 06 Jun 2022 14:36



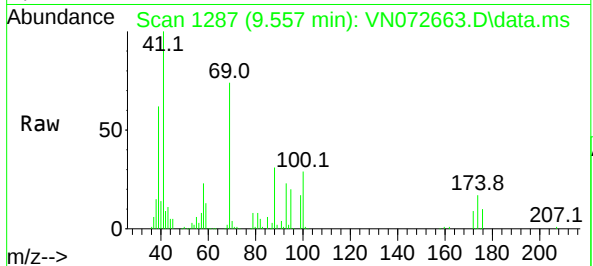
Tgt Ion: 43 Resp: 211418
Ion Ratio Lower Upper
43 100
61 24.9 20.1 30.1





#45
1,4-Dioxane
Concen: 394.381 ug/l
RT: 9.557 min Scan# 1287
Delta R.T. -0.006 min
Lab File: VN072663.D
Acq: 06 Jun 2022 14:36

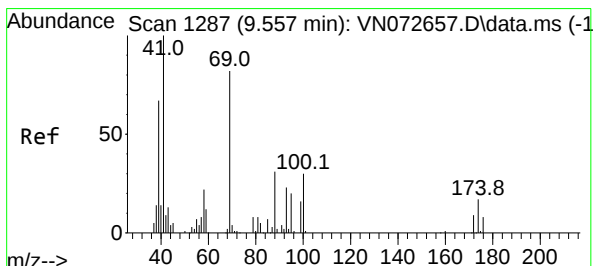
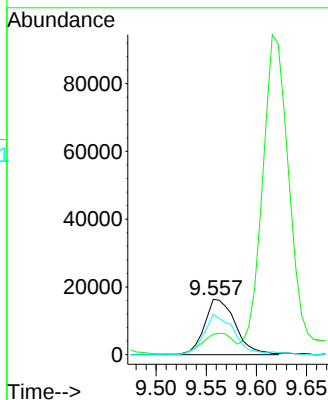
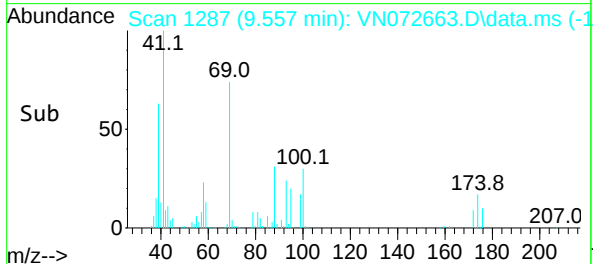
Instrument :
MSVOA_N
ClientSampleId :
ICVNVN060622



Tgt Ion: 88 Resp: 3523
Ion Ratio Lower Upper
88 100
43 35.8 25.0 37.6
58 70.1 49.4 74.2

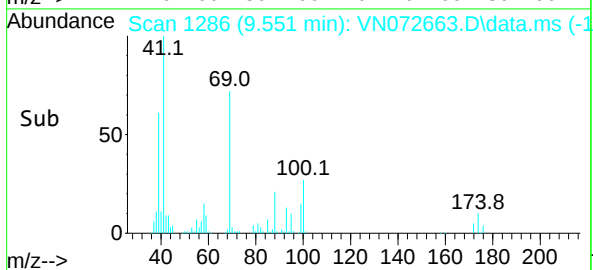
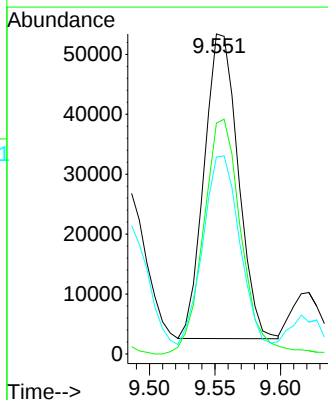
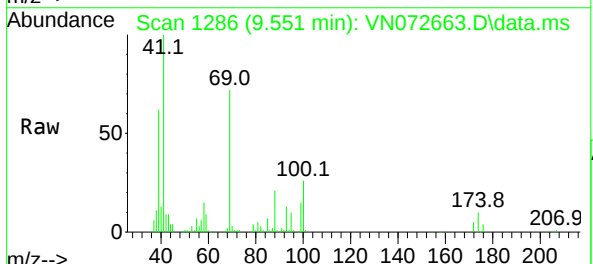
Manual Integrations
APPROVED

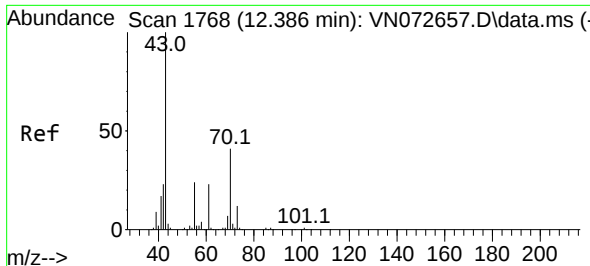
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022



#46
Methyl methacrylate
Concen: 18.861 ug/l
RT: 9.551 min Scan# 1286
Delta R.T. -0.006 min
Lab File: VN072663.D
Acq: 06 Jun 2022 14:36

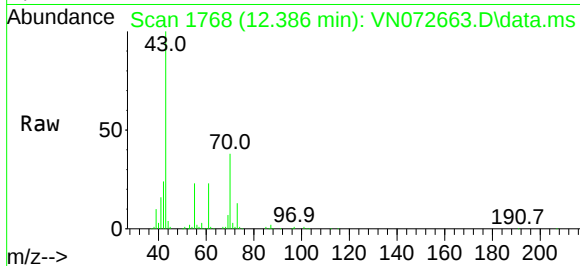
Tgt Ion: 41 Resp: 91678
Ion Ratio Lower Upper
41 100
69 73.6 44.4 133.2
39 61.6 39.9 119.6





#47
n-amy1 Acetate
Concen: 19.155 ug/l
RT: 12.386 min Scan# 1768
Delta R.T. 0.000 min
Lab File: VN072663.D
Acq: 06 Jun 2022 14:36

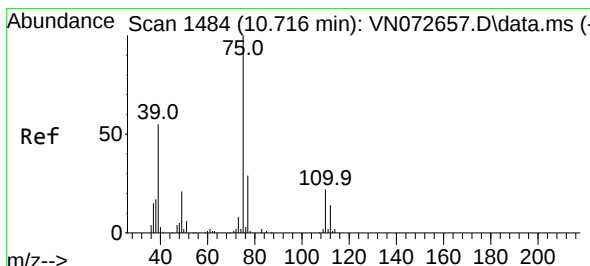
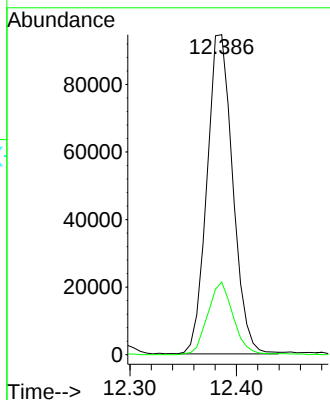
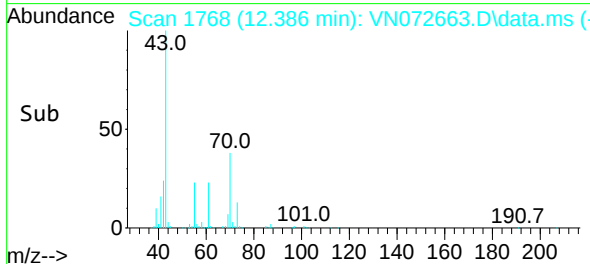
Instrument :
MSVOA_N
ClientSampleId :
ICVVN060622



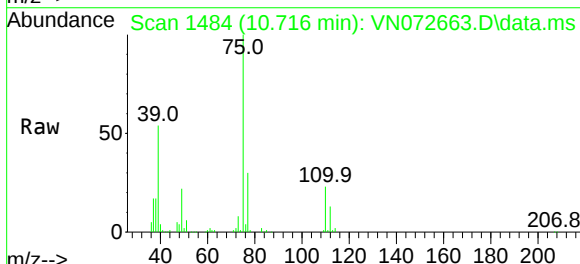
Tgt Ion: 43 Resp: 159418
Ion Ratio Lower Upper
43 100
55 22.4 19.0 28.6

Manual Integrations
APPROVED

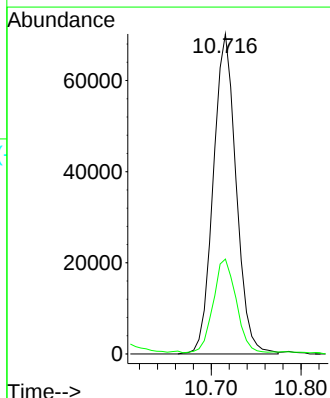
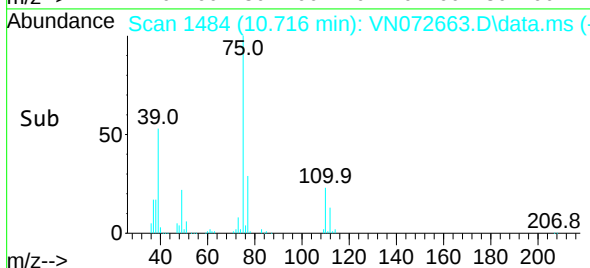
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022

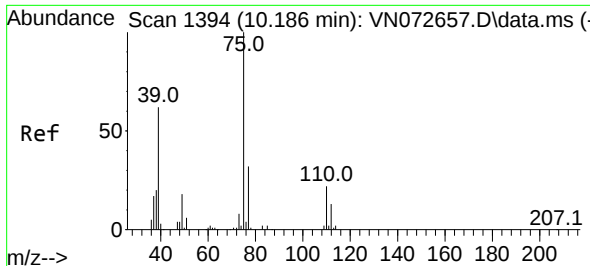


#48
t-1,3-Dichloropropene
Concen: 19.287 ug/l
RT: 10.716 min Scan# 1484
Delta R.T. 0.000 min
Lab File: VN072663.D
Acq: 06 Jun 2022 14:36



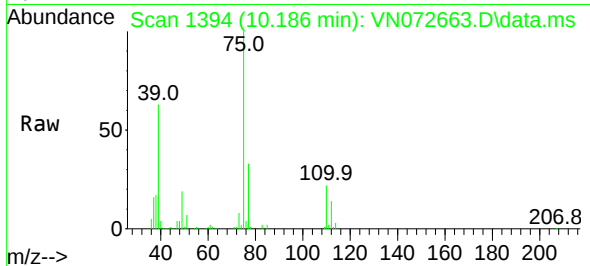
Tgt Ion: 75 Resp: 124179
Ion Ratio Lower Upper
75 100
77 29.0 25.3 37.9





#49
 cis-1,3-Dichloropropene
 Concen: 19.798 ug/l
 RT: 10.186 min Scan# 1394
 Delta R.T. 0.000 min
 Lab File: VN072663.D
 Acq: 06 Jun 2022 14:36

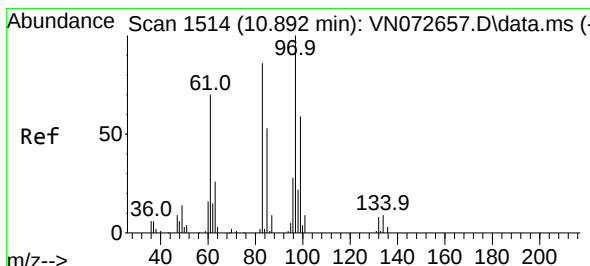
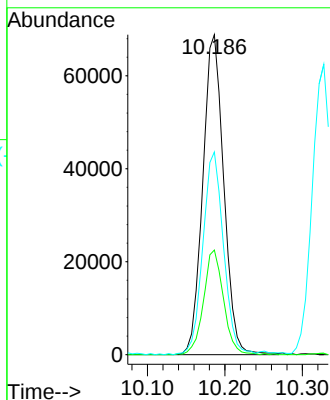
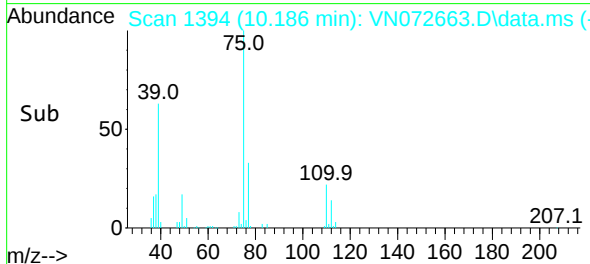
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN060622



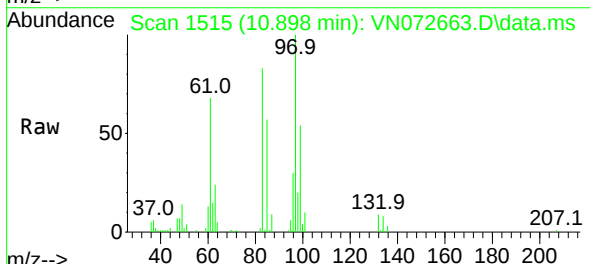
Tgt Ion: 75 Resp: 129440
 Ion Ratio Lower Upper
 75 100
 77 32.7 25.3 37.9
 39 62.9 46.2 69.4

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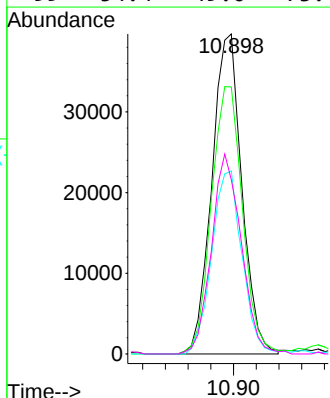
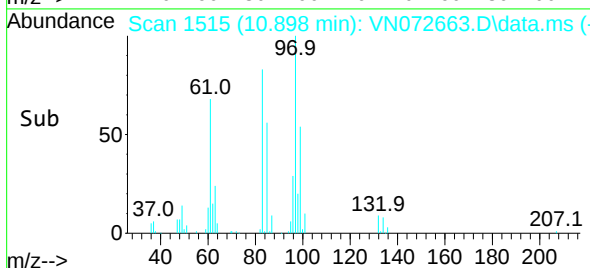
Reviewed By :John Carlone 06/07/2022
 Supervised By :Mahesh Dadoda 06/07/2022

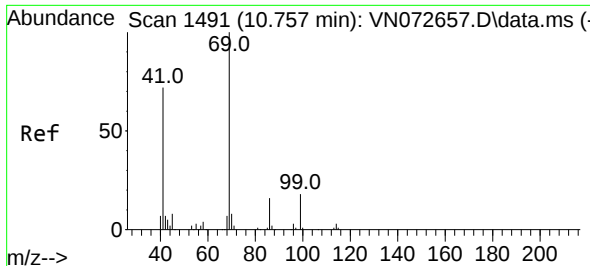


#50
 1,1,2-Trichloroethane
 Concen: 19.473 ug/l
 RT: 10.898 min Scan# 1515
 Delta R.T. 0.006 min
 Lab File: VN072663.D
 Acq: 06 Jun 2022 14:36



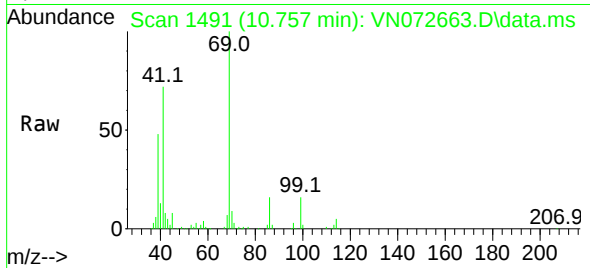
Tgt Ion: 97 Resp: 72600
 Ion Ratio Lower Upper
 97 100
 83 83.4 67.2 100.8
 85 57.2 43.0 64.4
 99 54.4 49.0 73.4





#51
Ethyl methacrylate
Concen: 18.905 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. 0.000 min
Lab File: VN072663.D
Acq: 06 Jun 2022 14:36

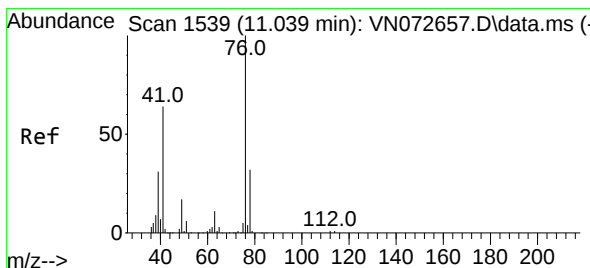
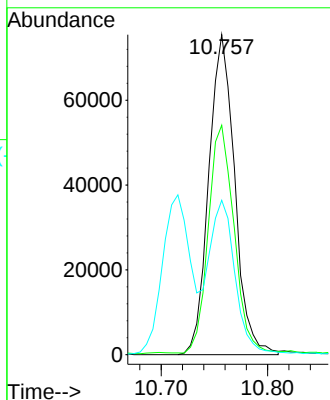
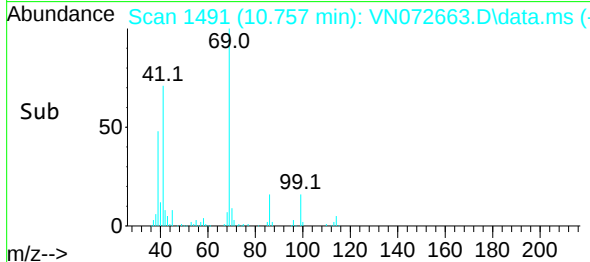
Instrument :
MSVOA_N
ClientSampleId :
ICVVN060622



Tgt Ion: 69 Resp: 12767
Ion Ratio Lower Upper
69 100
41 71.1 33.0 98.9
39 47.5 25.4 76.4

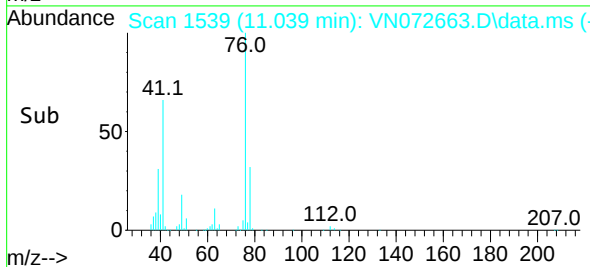
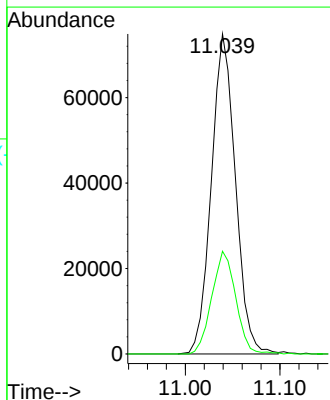
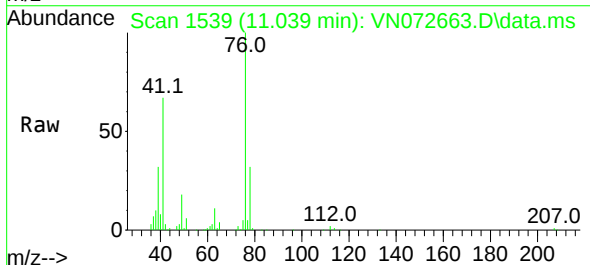
Manual Integrations
APPROVED

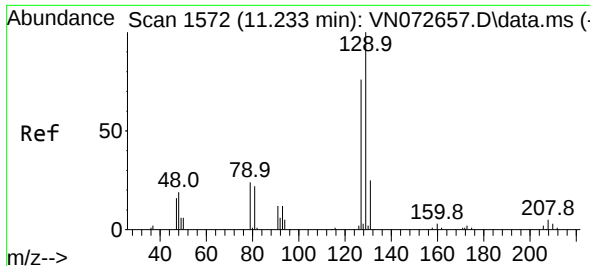
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022



#52
1,3-Dichloropropane
Concen: 19.949 ug/l
RT: 11.039 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VN072663.D
Acq: 06 Jun 2022 14:36

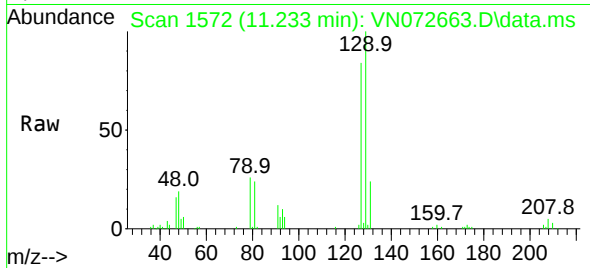
Tgt Ion: 76 Resp: 132357
Ion Ratio Lower Upper
76 100
78 32.0 0.0 65.4





#53
Dibromochloromethane
Concen: 19.170 ug/l
RT: 11.233 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN072663.D
Acq: 06 Jun 2022 14:36

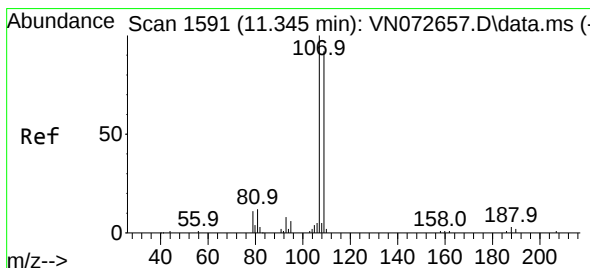
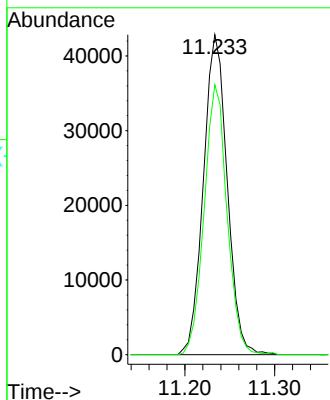
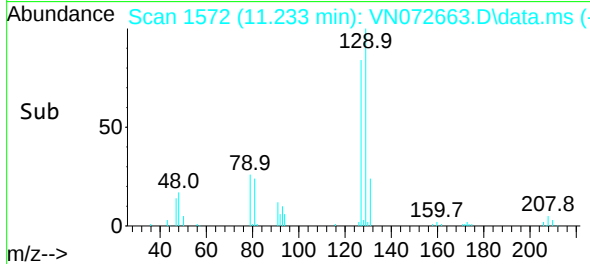
Instrument :
MSVOA_N
ClientSampleId :
ICVVN060622



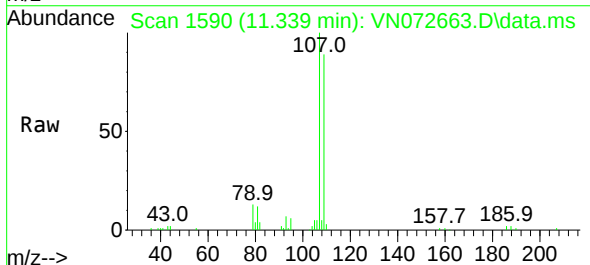
Tgt Ion:129 Resp: 7885
Ion Ratio Lower Upper
129 100
127 81.1 39.0 117.0

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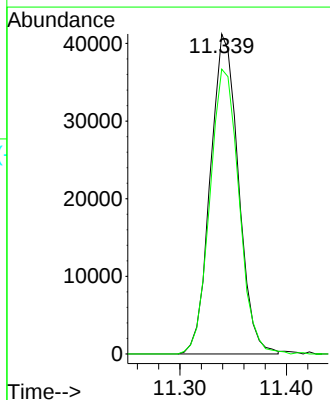
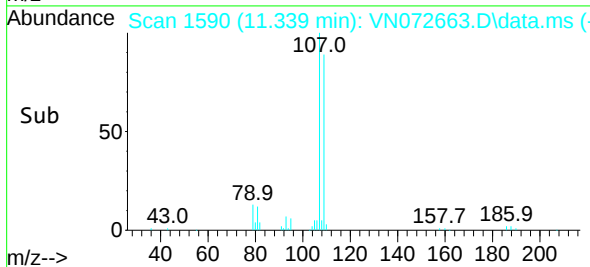
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022

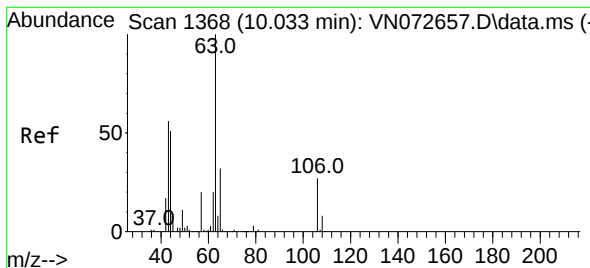


#54
1,2-Dibromoethane
Concen: 19.265 ug/l
RT: 11.339 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VN072663.D
Acq: 06 Jun 2022 14:36



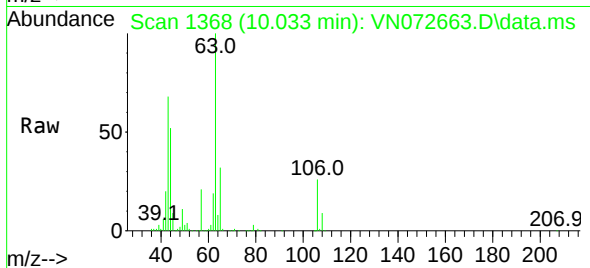
Tgt Ion:107 Resp: 75521
Ion Ratio Lower Upper
107 100
109 92.2 72.8 109.2





#55
2-Chloroethyl vinyl ether
Concen: 90.886 ug/l
RT: 10.033 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN072663.D
Acq: 06 Jun 2022 14:36

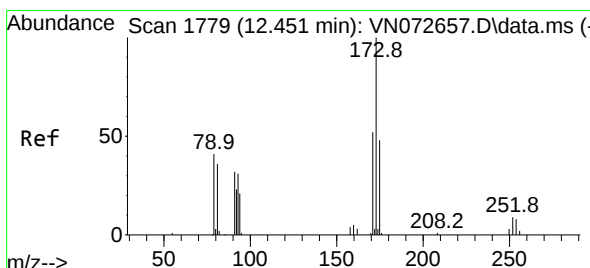
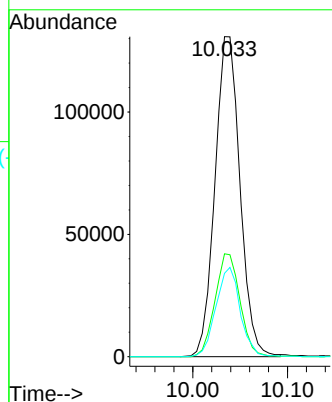
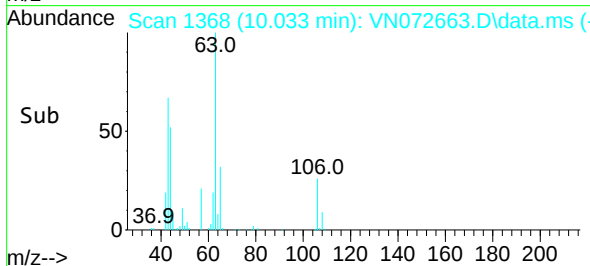
Instrument :
MSVOA_N
ClientSampleId :
ICVVN060622



Tgt Ion: 63 Resp: 24038
Ion Ratio Lower Upper
63 100
65 32.1 25.4 38.0
106 27.2 23.2 34.8

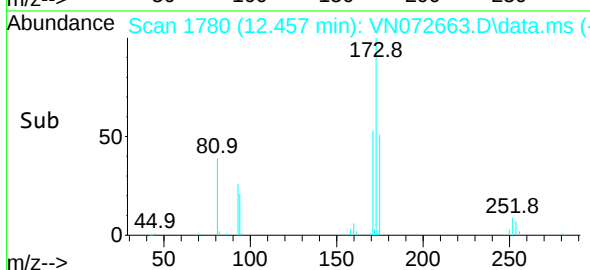
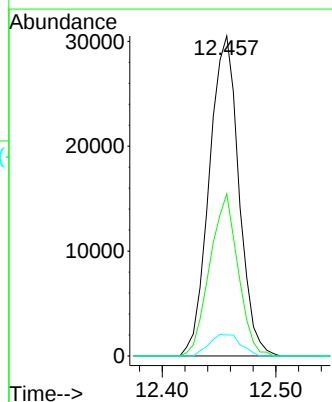
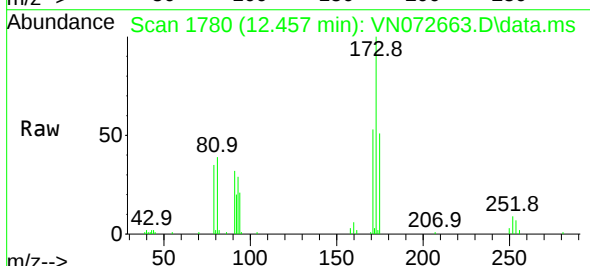
Manual Integrations
APPROVED

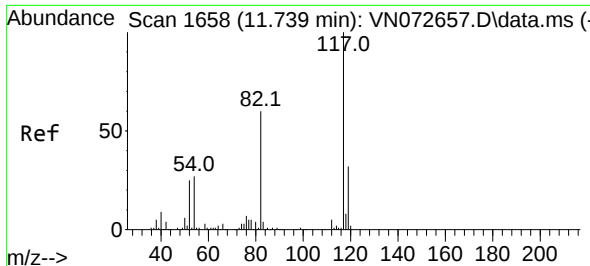
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022



#56
Bromoform
Concen: 19.272 ug/l
RT: 12.457 min Scan# 1780
Delta R.T. 0.006 min
Lab File: VN072663.D
Acq: 06 Jun 2022 14:36

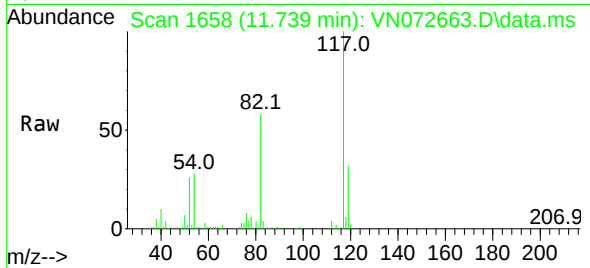
Tgt Ion:173 Resp: 55235
Ion Ratio Lower Upper
173 100
175 48.3 38.6 58.0
254 7.1 0.0 0.0#





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN072663.D
Acq: 06 Jun 2022 14:36

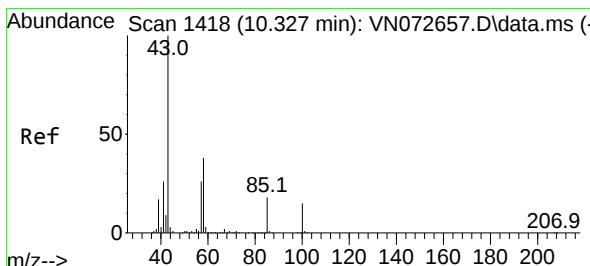
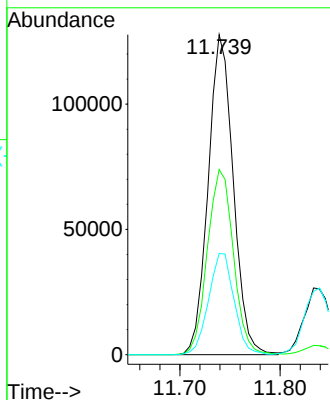
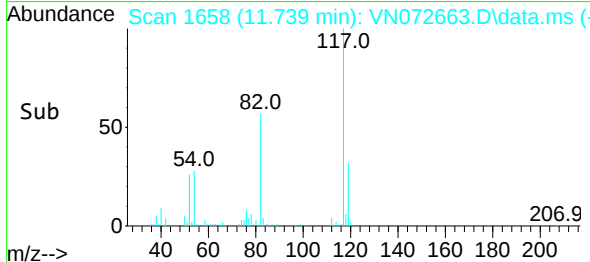
Instrument :
MSVOA_N
ClientSampleId :
ICVVN060622



Tgt Ion: 117 Resp: 222185
Ion Ratio Lower Upper
117 100
82 60.2 43.6 65.4
119 32.2 25.8 38.6

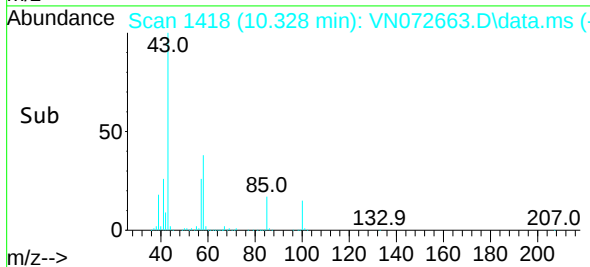
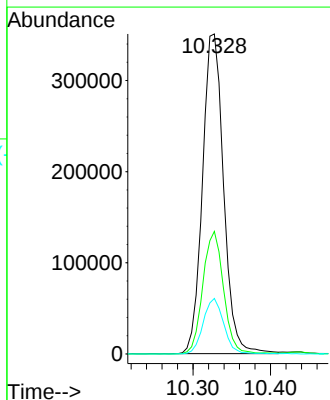
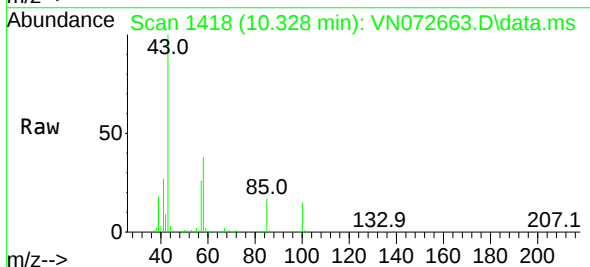
Manual Integrations
APPROVED

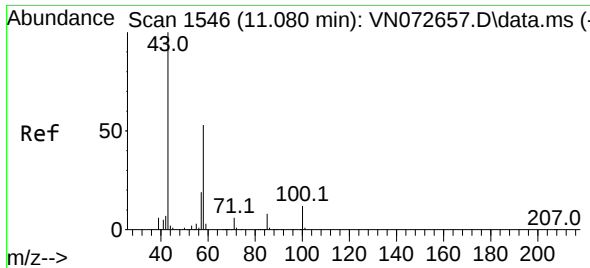
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022



#58
4-Methyl-2-Pentanone
Concen: 99.725 ug/l
RT: 10.328 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VN072663.D
Acq: 06 Jun 2022 14:36

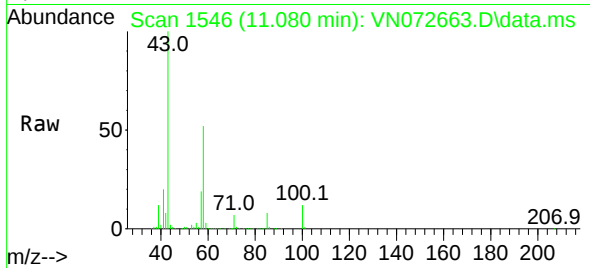
Tgt Ion: 43 Resp: 664578
Ion Ratio Lower Upper
43 100
58 37.5 30.0 45.0
85 16.8 15.0 22.6





#59
2-Hexanone
Concen: 99.015 ug/l
RT: 11.080 min Scan# 1546
Delta R.T. 0.000 min
Lab File: VN072663.D
Acq: 06 Jun 2022 14:36

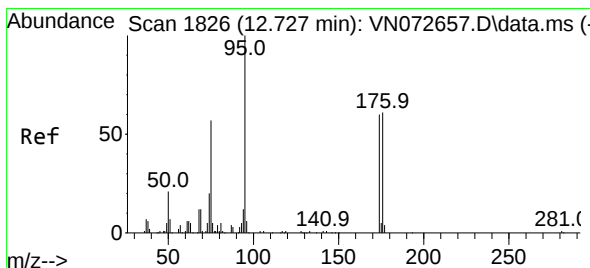
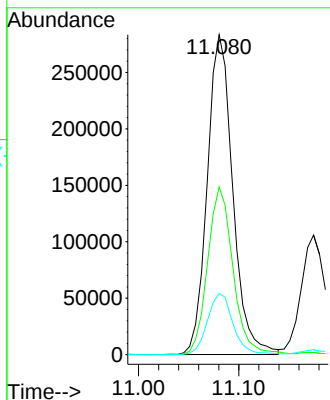
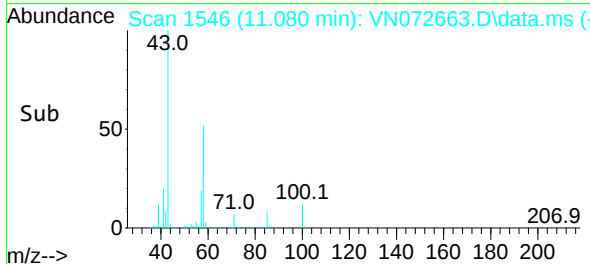
Instrument :
MSVOA_N
ClientSampleId :
ICVVN060622



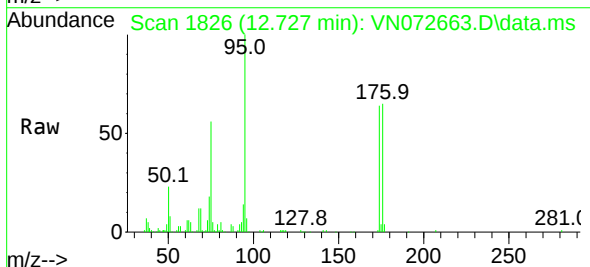
Tgt Ion: 43 Resp: 500259
Ion Ratio Lower Upper
43 100
58 52.3 42.2 63.2
57 19.3 15.0 22.4

Manual Integrations
APPROVED

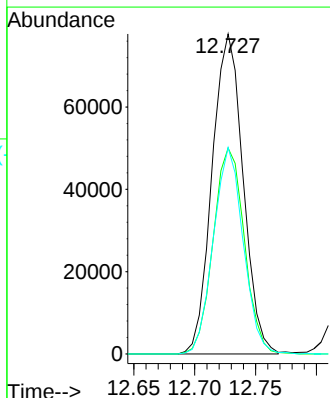
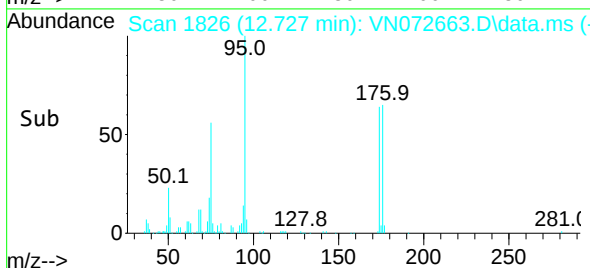
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022

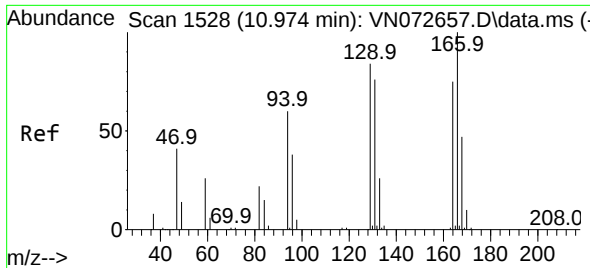


#60
4-Bromofluorobenzene
Concen: 30.103 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072663.D
Acq: 06 Jun 2022 14:36



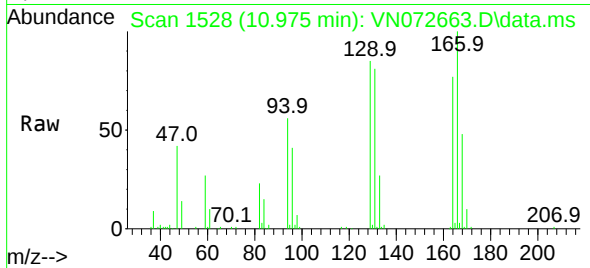
Tgt Ion: 95 Resp: 137566
Ion Ratio Lower Upper
95 100
174 64.6 62.9 94.3
176 62.0 61.0 91.4





#61
Tetrachloroethene
Concen: 20.557 ug/l
RT: 10.975 min Scan# 1528
Delta R.T. 0.000 min
Lab File: VN072663.D
Acq: 06 Jun 2022 14:36

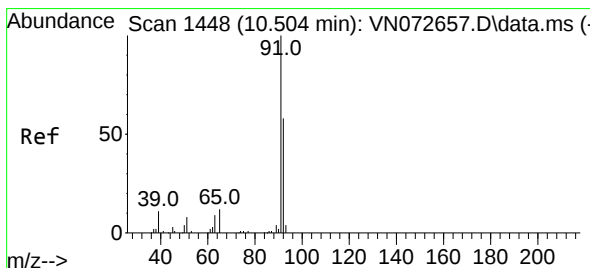
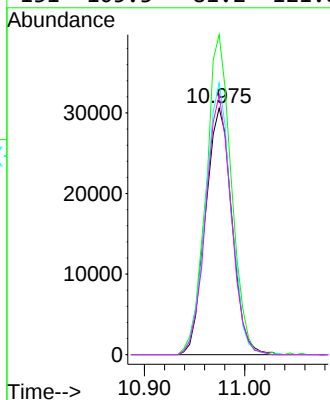
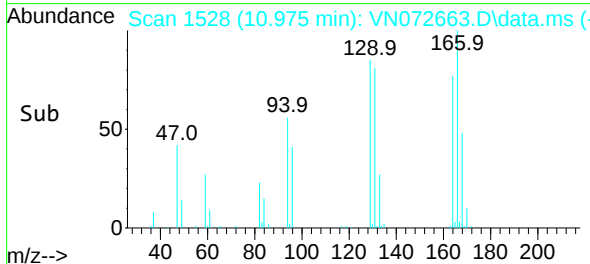
Instrument :
MSVOA_N
ClientSampleId :
ICVVN060622



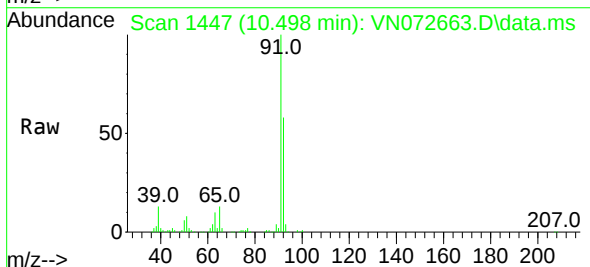
Tgt Ion:164 Resp: 5652
Ion Ratio Lower Upper
164 100
166 129.8 105.8 158.8
129 110.2 82.5 123.7
131 105.3 81.2 121.8

Manual Integrations
APPROVED

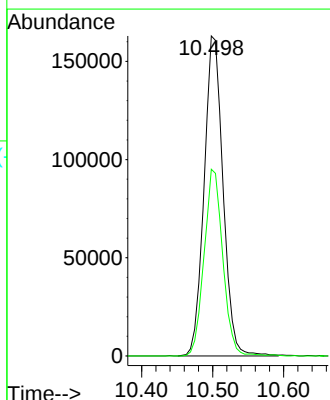
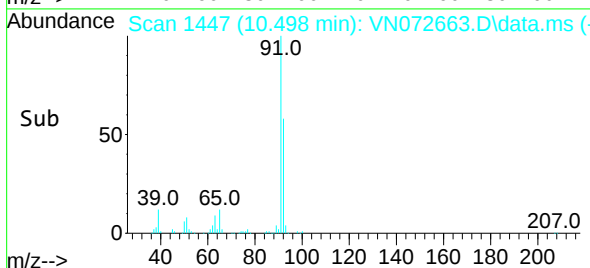
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022

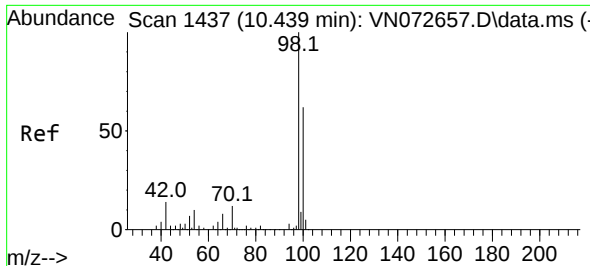


#62
Toluene
Concen: 20.091 ug/l
RT: 10.498 min Scan# 1447
Delta R.T. -0.006 min
Lab File: VN072663.D
Acq: 06 Jun 2022 14:36



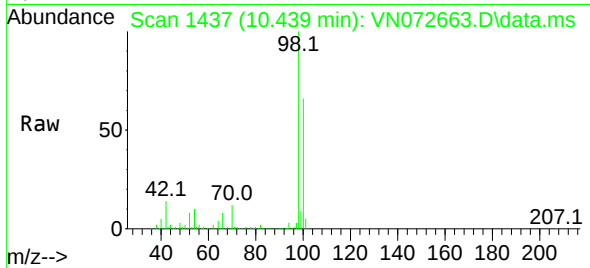
Tgt Ion: 91 Resp: 302680
Ion Ratio Lower Upper
91 100
92 57.0 44.6 67.0





#63
Toluene-d8
Concen: 30.342 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072663.D
Acq: 06 Jun 2022 14:36

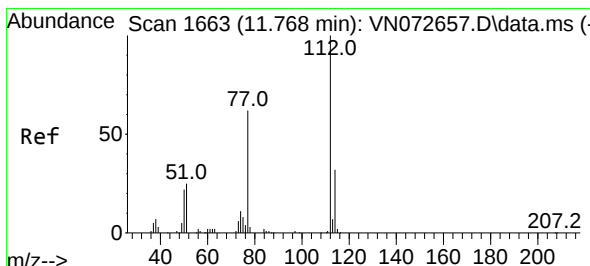
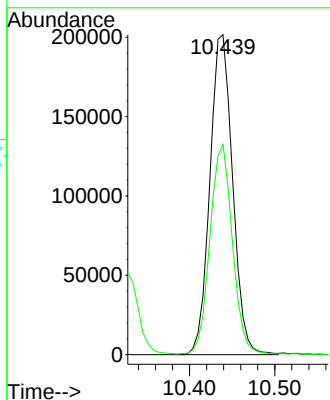
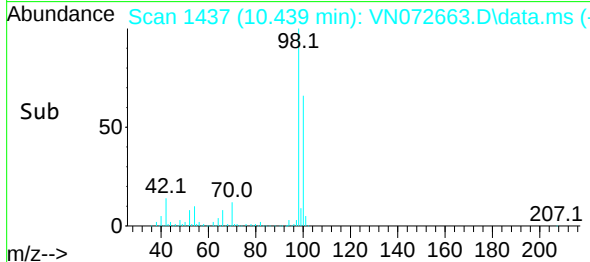
Instrument :
MSVOA_N
ClientSampleId :
ICVVN060622



Tgt Ion: 98 Resp: 373450
Ion Ratio Lower Upper
98 100
100 65.4 50.6 76.0

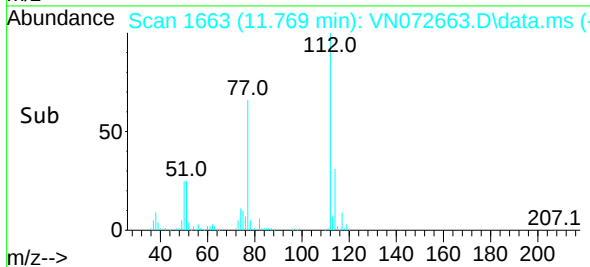
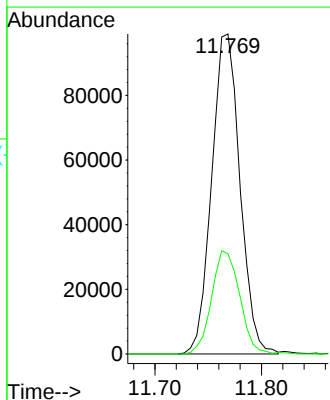
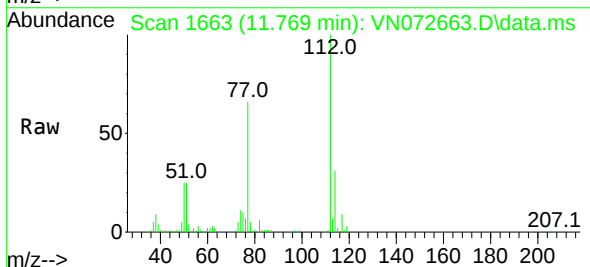
Manual Integrations
APPROVED

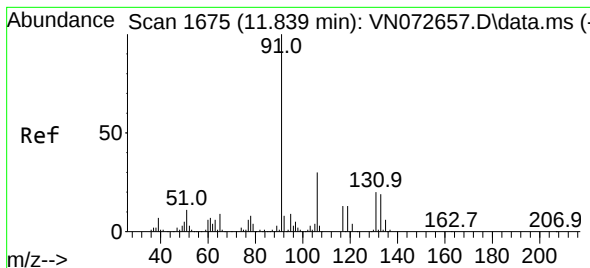
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022



#64
Chlorobenzene
Concen: 19.874 ug/l
RT: 11.769 min Scan# 1663
Delta R.T. 0.000 min
Lab File: VN072663.D
Acq: 06 Jun 2022 14:36

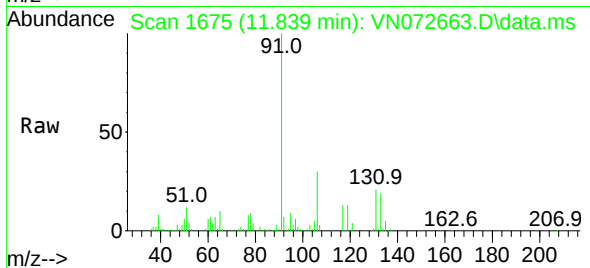
Tgt Ion:112 Resp: 182292
Ion Ratio Lower Upper
112 100
114 31.3 25.8 38.6





#65
1,1,1,2-Tetrachloroethane
Concen: 20.062 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN072663.D
Acq: 06 Jun 2022 14:36

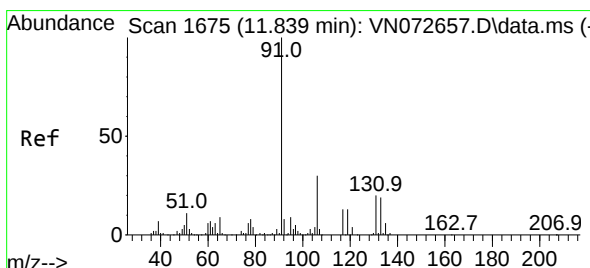
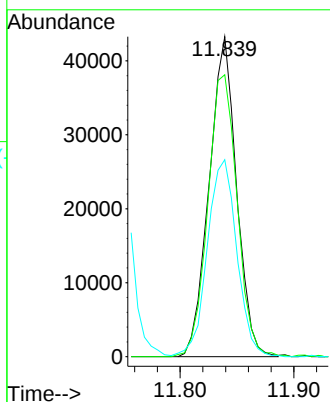
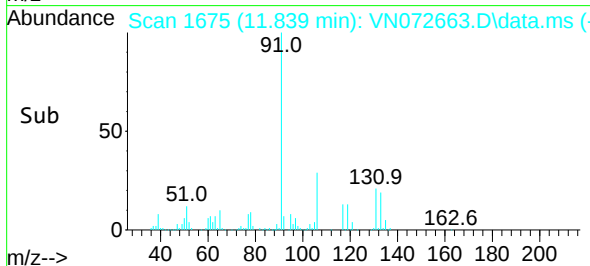
Instrument :
MSVOA_N
ClientSampleId :
ICVVN060622



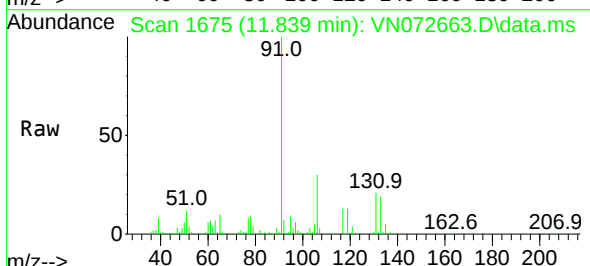
Tgt Ion:131 Resp: 72548
Ion Ratio Lower Upper
131 100
133 94.2 0.0 191.2
119 66.2 0.0 128.8

Manual Integrations
APPROVED

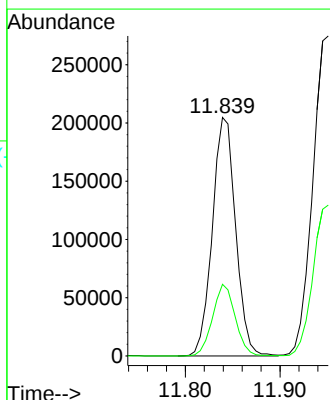
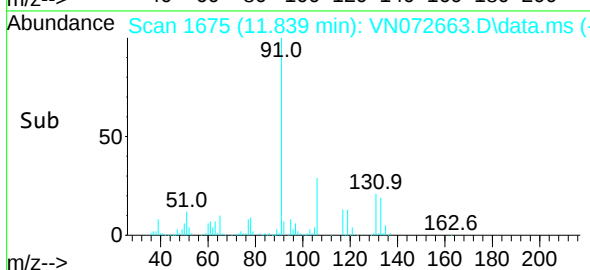
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022

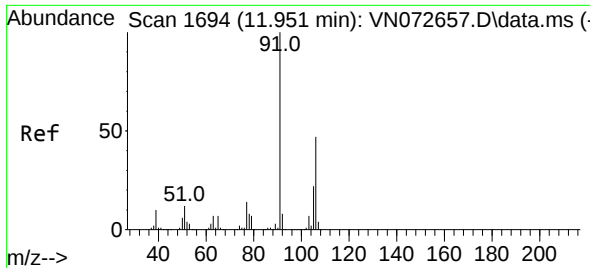


#66
Ethyl Benzene
Concen: 20.245 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN072663.D
Acq: 06 Jun 2022 14:36



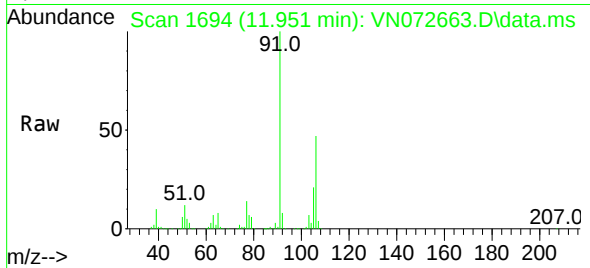
Tgt Ion: 91 Resp: 350167
Ion Ratio Lower Upper
91 100
106 30.1 24.0 36.0





#67
m/p-Xylenes
Concen: 40.629 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. 0.000 min
Lab File: VN072663.D
Acq: 06 Jun 2022 14:36

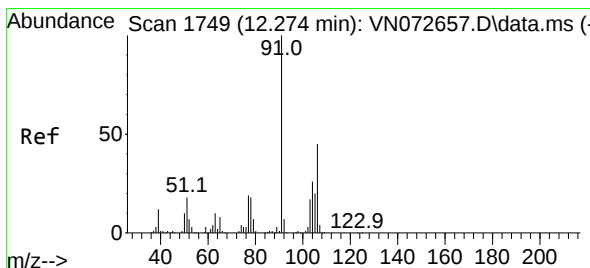
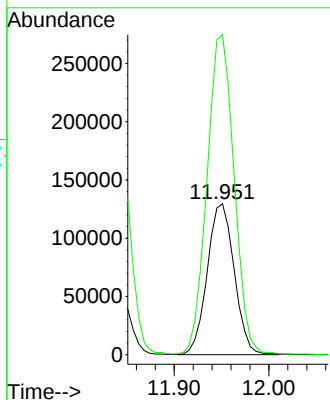
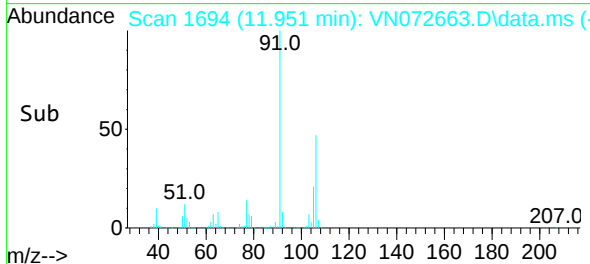
Instrument :
MSVOA_N
ClientSampleId :
ICVVN060622



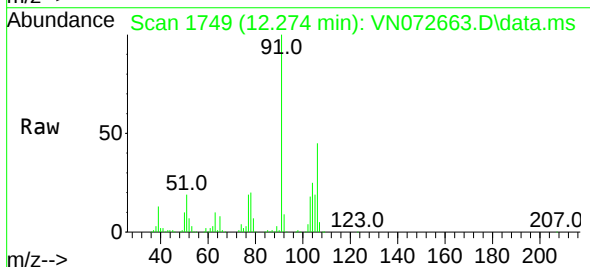
Tgt Ion:106 Resp: 256320
Ion Ratio Lower Upper
106 100
91 213.8 162.9 244.3

Manual Integrations
APPROVED

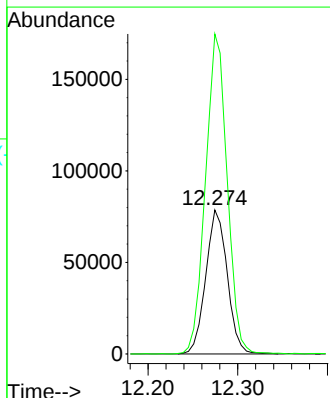
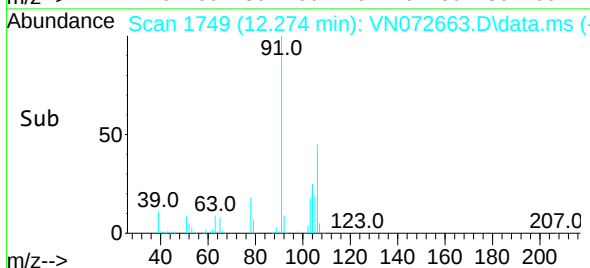
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022

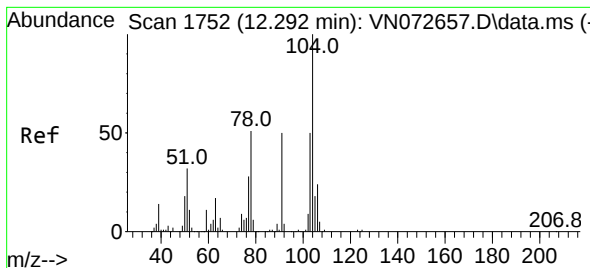


#68
o-Xylene
Concen: 20.324 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VN072663.D
Acq: 06 Jun 2022 14:36



Tgt Ion:106 Resp: 130804
Ion Ratio Lower Upper
106 100
91 224.1 107.7 323.1





#69

Styrene

Concen: 20.016 ug/l

RT: 12.292 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN072663.D

Acq: 06 Jun 2022 14:36

Instrument :

MSVOA_N

ClientSampleId :

ICVVN060622

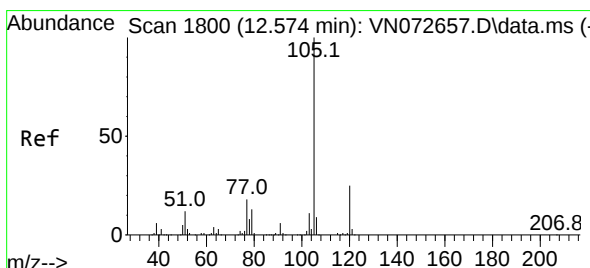
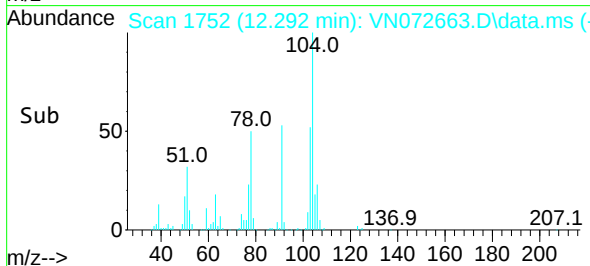
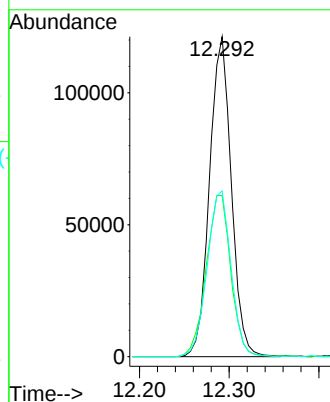
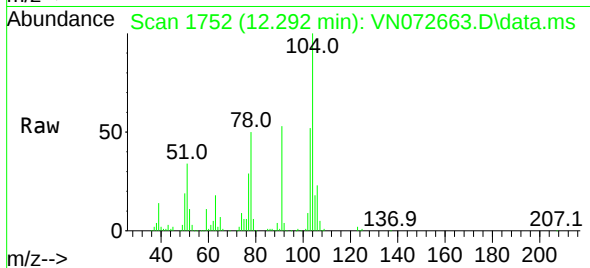
Tgt Ion:104 Resp: 204492
 Ion Ratio Lower Upper
 104 100
 78 56.9 40.7 61.1
 103 56.7 45.8 68.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/07/2022

Supervised By :Mahesh Dadoda 06/07/2022



#70

Isopropylbenzene

Concen: 20.297 ug/l

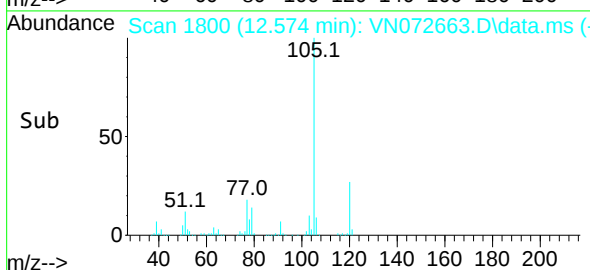
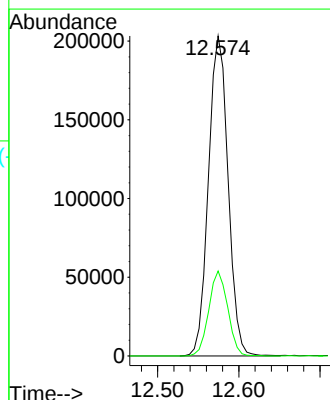
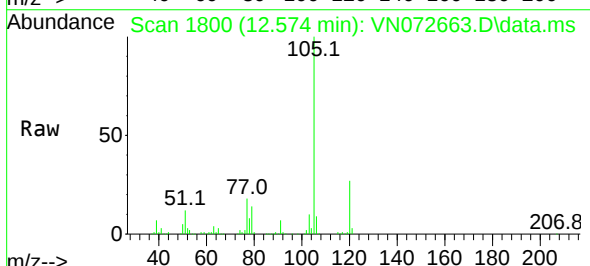
RT: 12.574 min Scan# 1800

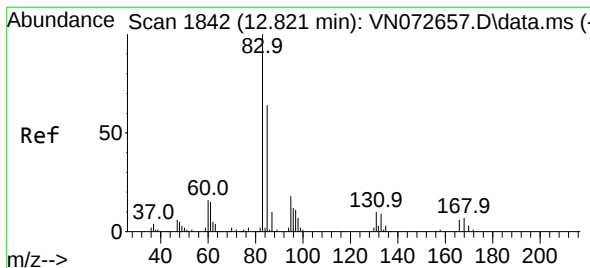
Delta R.T. 0.000 min

Lab File: VN072663.D

Acq: 06 Jun 2022 14:36

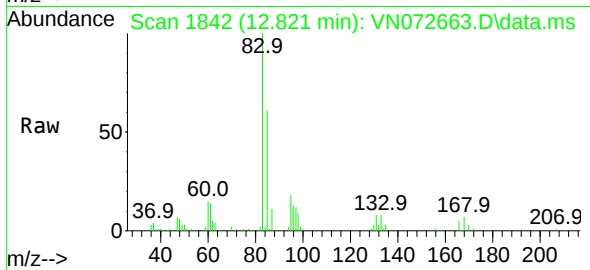
Tgt Ion:105 Resp: 341334
 Ion Ratio Lower Upper
 105 100
 120 25.5 18.3 34.1





#71
 1,1,2,2-Tetrachloroethane
 Concen: 20.912 ug/l
 RT: 12.821 min Scan# 1842
 Delta R.T. 0.000 min
 Lab File: VN072663.D
 Acq: 06 Jun 2022 14:36

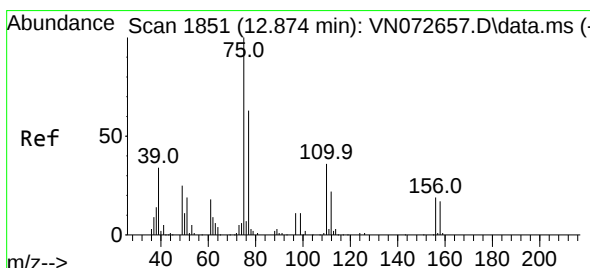
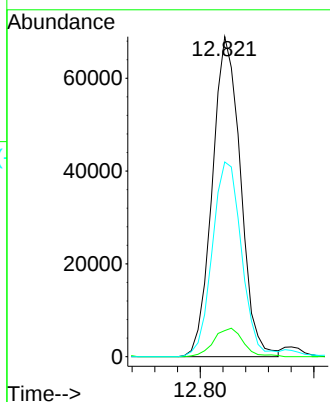
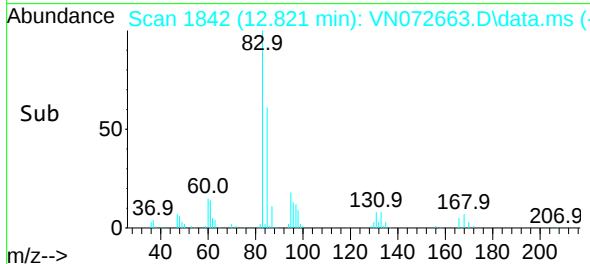
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN060622



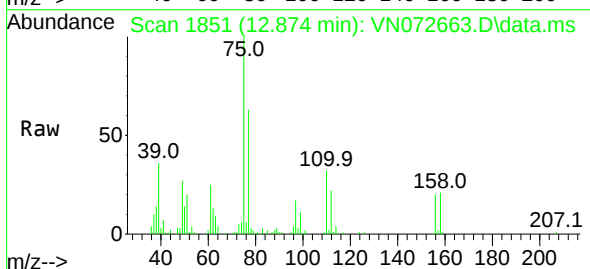
Tgt Ion: 83 Resp: 119048
 Ion Ratio Lower Upper
 83 100
 131 9.2 5.1 15.3
 85 62.5 33.1 99.2

Manual Integrations
 APPROVED

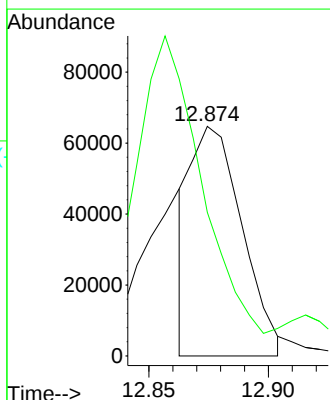
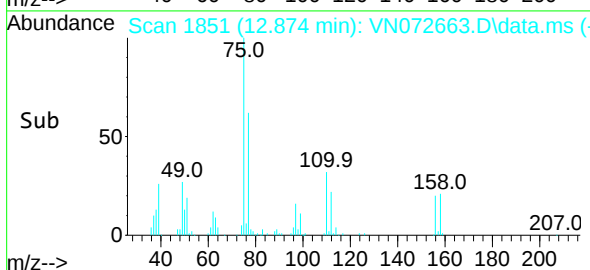
Reviewed By :John Carlone 06/07/2022
 Supervised By :Mahesh Dadoda 06/07/2022

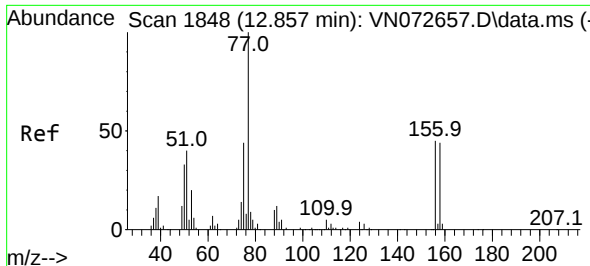


#72
 1,2,3-Trichloropropane
 Concen: 19.457 ug/l m
 RT: 12.874 min Scan# 1851
 Delta R.T. 0.000 min
 Lab File: VN072663.D
 Acq: 06 Jun 2022 14:36



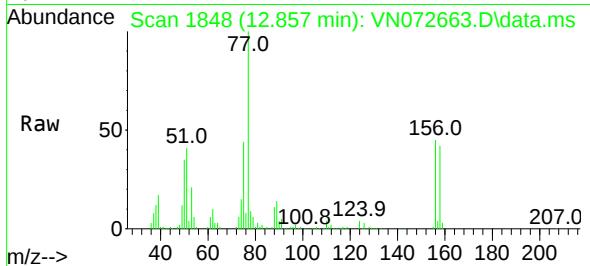
Tgt Ion: 75 Resp: 96662
 Ion Ratio Lower Upper
 75 100
 77 188.3 0.0 378.0





#73
Bromobenzene
Concen: 20.663 ug/l
RT: 12.857 min Scan# 1848
Delta R.T. 0.000 min
Lab File: VN072663.D
Acq: 06 Jun 2022 14:36

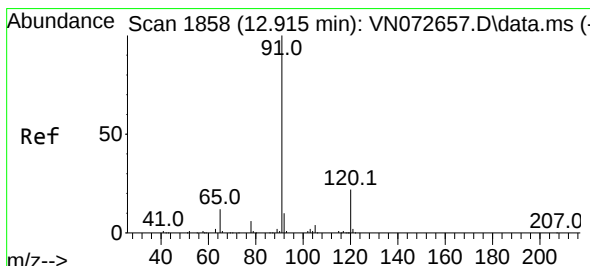
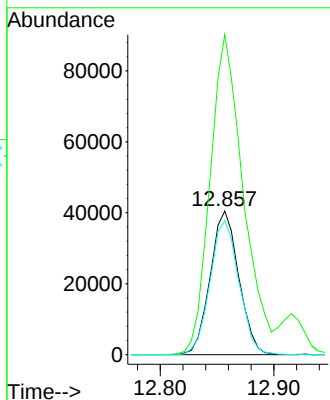
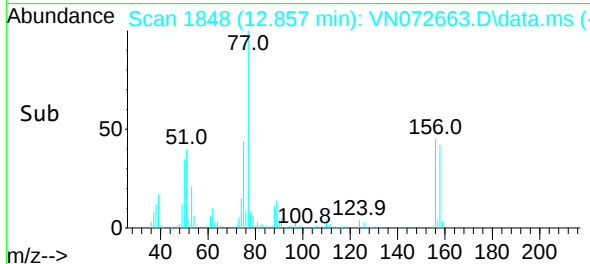
Instrument :
MSVOA_N
ClientSampleId :
ICVVN060622



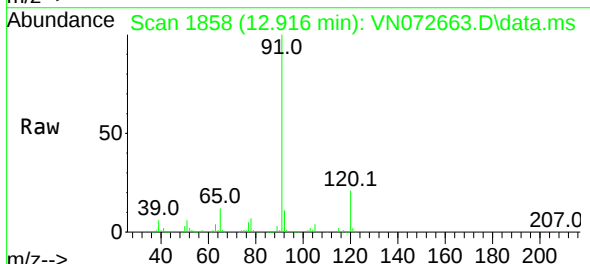
Tgt Ion:156 Resp: 7064
Ion Ratio Lower Upper
156 100
77 257.7 0.0 416.0
158 94.6 0.0 195.4

Manual Integrations
APPROVED

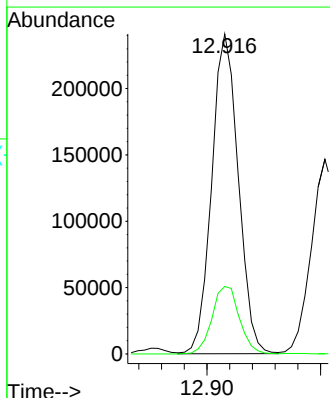
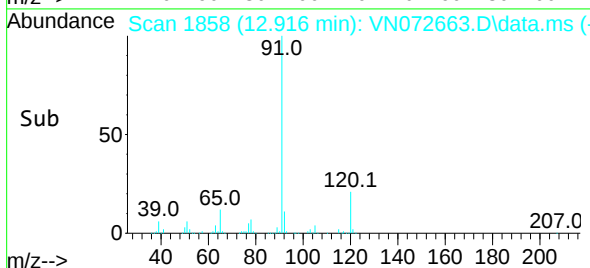
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022

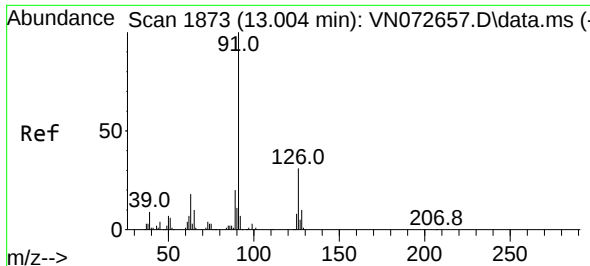


#74
n-propylbenzene
Concen: 20.345 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN072663.D
Acq: 06 Jun 2022 14:36



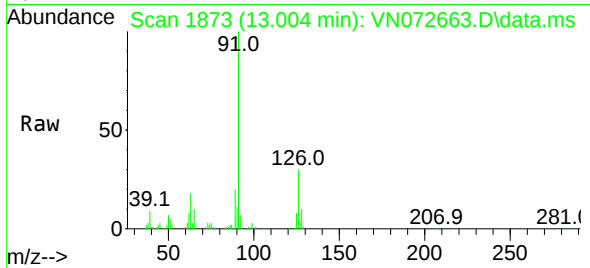
Tgt Ion: 91 Resp: 391527
Ion Ratio Lower Upper
91 100
120 21.7 0.0 45.0





#75
2-Chlorotoluene
Concen: 20.572 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. 0.000 min
Lab File: VN072663.D
Acq: 06 Jun 2022 14:36

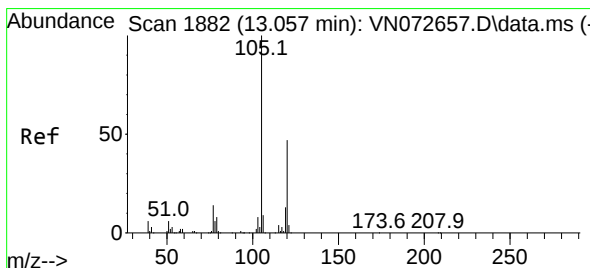
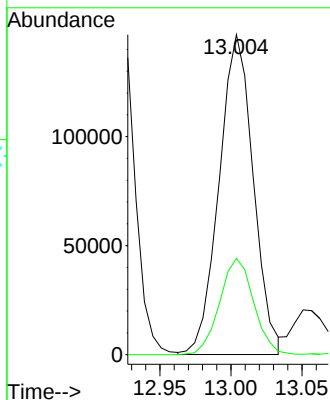
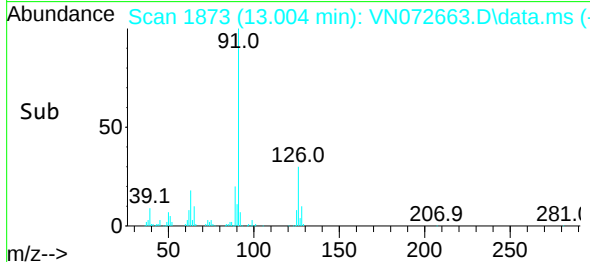
Instrument :
MSVOA_N
ClientSampleId :
ICVVN060622



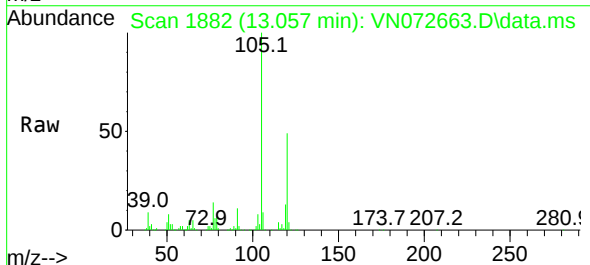
Tgt Ion: 91 Resp: 24539
Ion Ratio Lower Upper
91 100
126 30.0 0.0 69.8

Manual Integrations
APPROVED

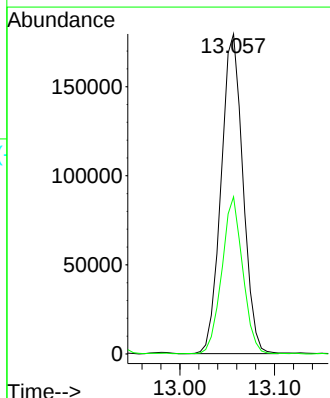
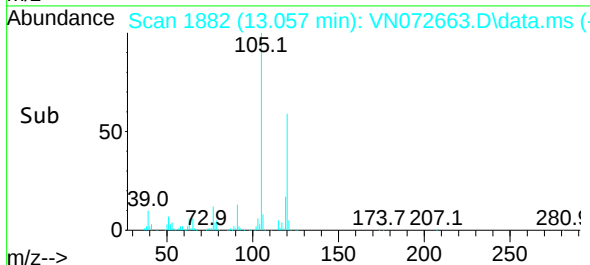
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022

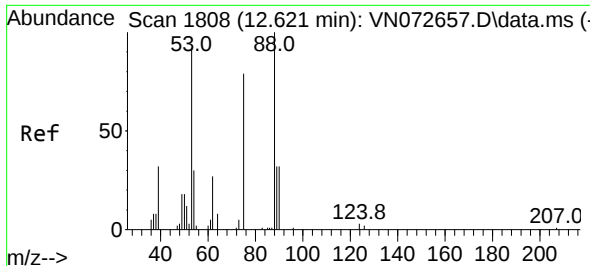


#76
1,3,5-Trimethylbenzene
Concen: 20.800 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. 0.000 min
Lab File: VN072663.D
Acq: 06 Jun 2022 14:36



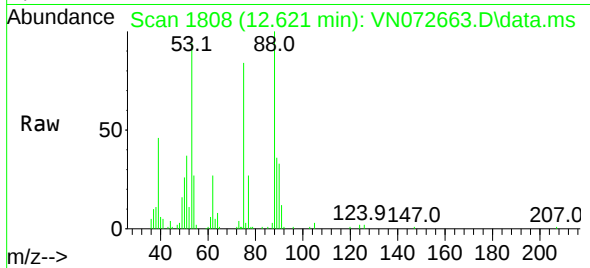
Tgt Ion:105 Resp: 287108
Ion Ratio Lower Upper
105 100
120 47.1 0.0 93.8





#77
t-1,4-Dichloro-2-butene
Concen: 19.527 ug/l
RT: 12.621 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VN072663.D
Acq: 06 Jun 2022 14:36

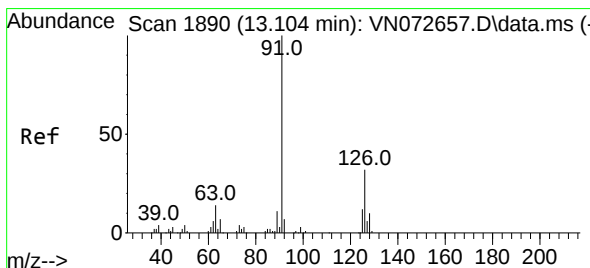
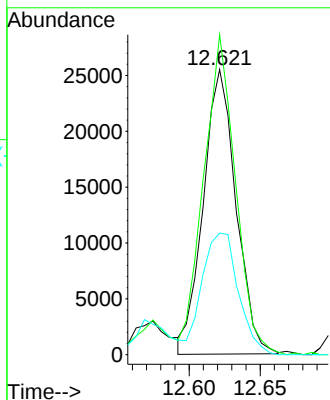
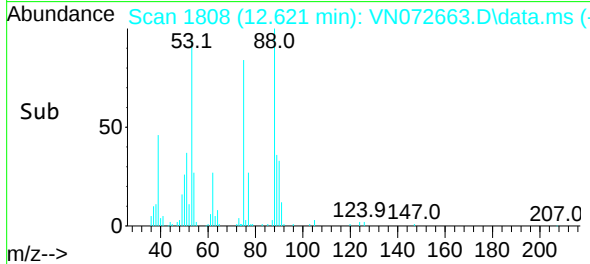
Instrument :
MSVOA_N
ClientSampleId :
ICVVN060622



Tgt Ion: 75 Resp: 4088
Ion Ratio Lower Upper
75 100
53 112.2 51.8 155.5
89 42.9 22.9 68.7

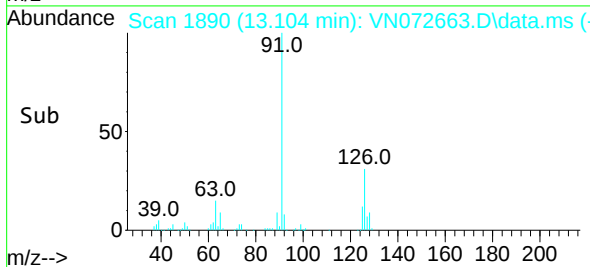
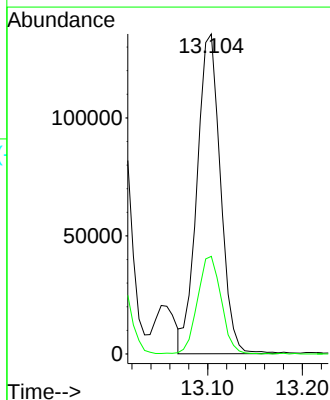
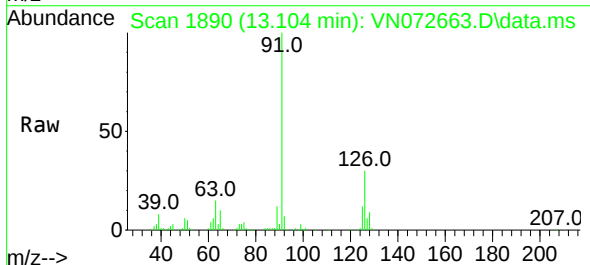
Manual Integrations
APPROVED

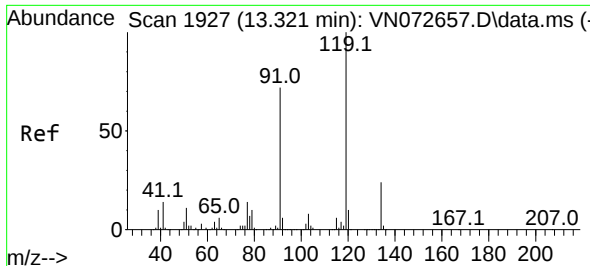
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022



#78
4-Chlorotoluene
Concen: 20.692 ug/l
RT: 13.104 min Scan# 1890
Delta R.T. 0.000 min
Lab File: VN072663.D
Acq: 06 Jun 2022 14:36

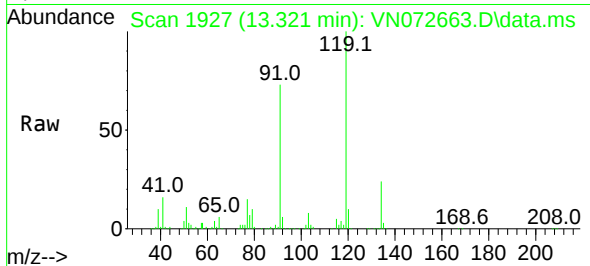
Tgt Ion: 91 Resp: 233181
Ion Ratio Lower Upper
91 100
126 30.8 0.0 70.6





#79
tert-butylbenzene
Concen: 20.266 ug/l
RT: 13.321 min Scan# 1927
Delta R.T. 0.000 min
Lab File: VN072663.D
Acq: 06 Jun 2022 14:36

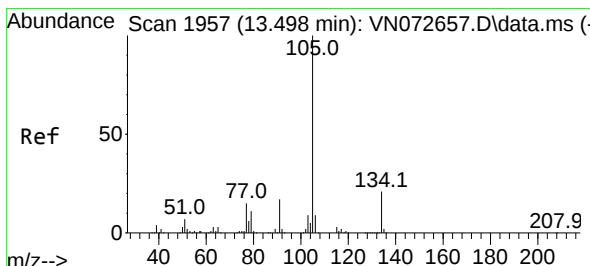
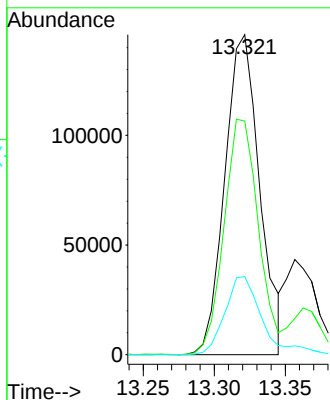
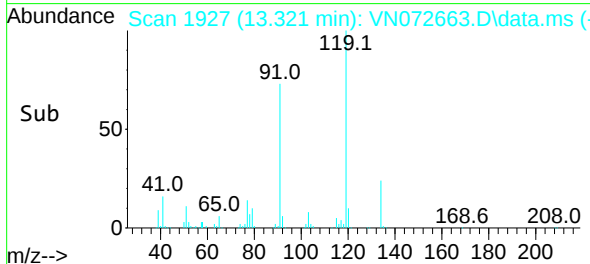
Instrument :
MSVOA_N
ClientSampleId :
ICVVN060622



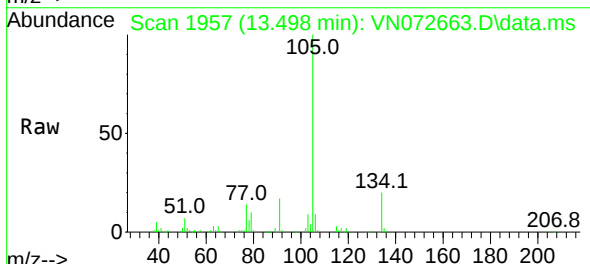
Tgt Ion:119 Resp: 24974
Ion Ratio Lower Upper
119 100
91 72.3 0.0 137.0
134 24.4 0.0 47.6

Manual Integrations
APPROVED

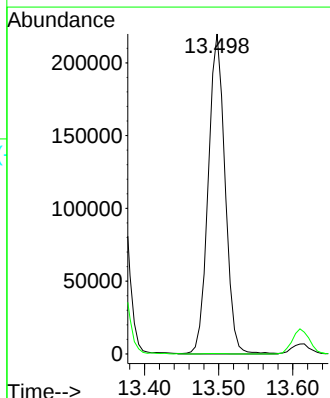
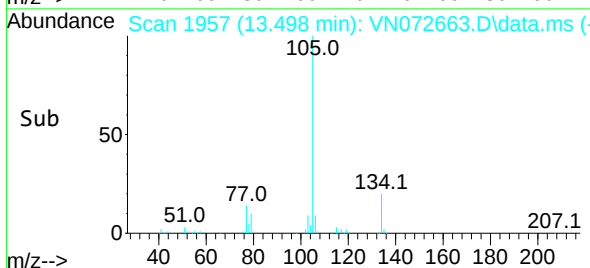
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022

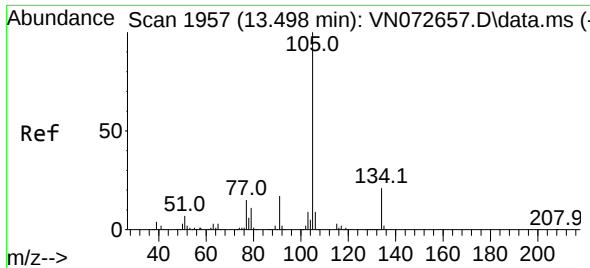


#80
1,2,4-Trimethylbenzene
Concen: 20.803 ug/l
RT: 13.498 min Scan# 1957
Delta R.T. 0.000 min
Lab File: VN072663.D
Acq: 06 Jun 2022 14:36



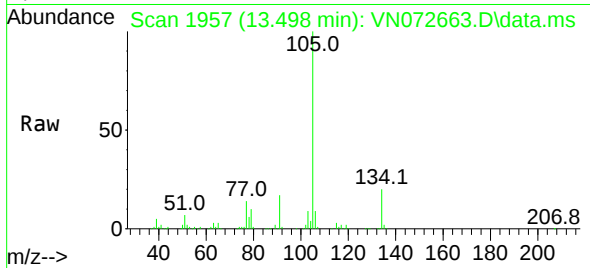
Tgt Ion:105 Resp: 346230
Ion Ratio Lower Upper
105 100
120 0.2 0.0 0.2





#81
 sec-Butylbenzene
 Concen: 20.803 ug/l
 RT: 13.498 min Scan# 1957
 Delta R.T. 0.000 min
 Lab File: VN072663.D
 Acq: 06 Jun 2022 14:36

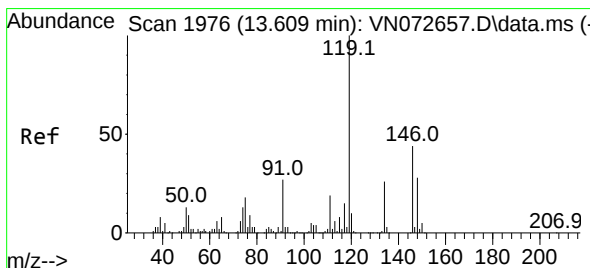
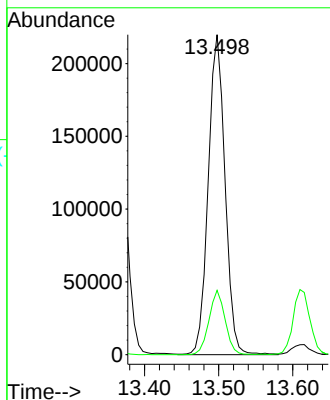
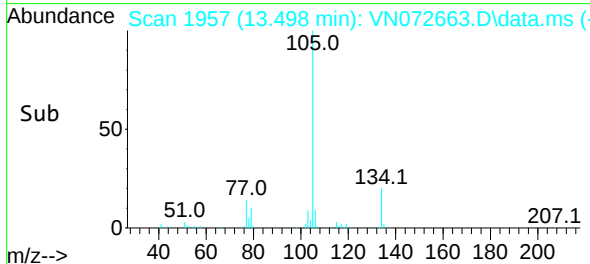
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN060622



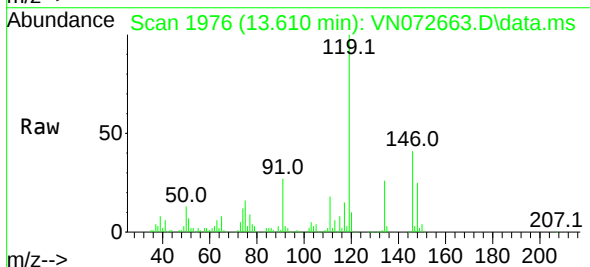
Tgt Ion:105 Resp: 346230
 Ion Ratio Lower Upper
 105 100
 134 19.3 0.0 39.4

Manual Integrations
 APPROVED

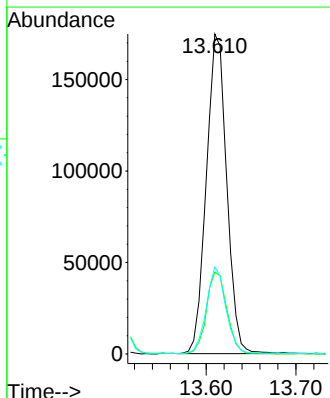
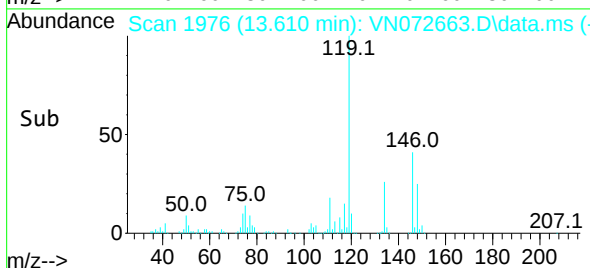
Reviewed By :John Carlone 06/07/2022
 Supervised By :Mahesh Dadoda 06/07/2022

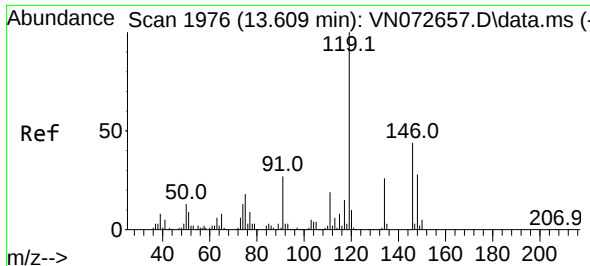


#82
 p-Isopropyltoluene
 Concen: 20.766 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. 0.000 min
 Lab File: VN072663.D
 Acq: 06 Jun 2022 14:36



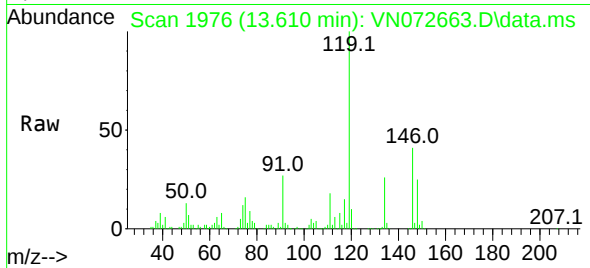
Tgt Ion:119 Resp: 275895
 Ion Ratio Lower Upper
 119 100
 134 25.3 0.0 51.8
 91 25.9 0.0 50.4





#83
1,3-Dichlorobenzene
Concen: 20.662 ug/l
RT: 13.610 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VN072663.D
Acq: 06 Jun 2022 14:36

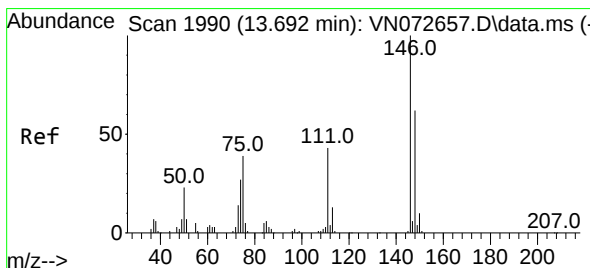
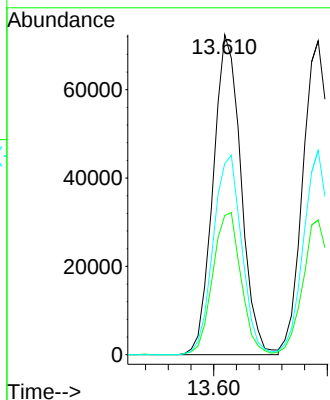
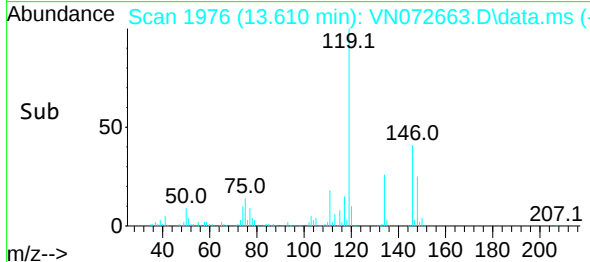
Instrument :
MSVOA_N
ClientSampleId :
ICVVN060622



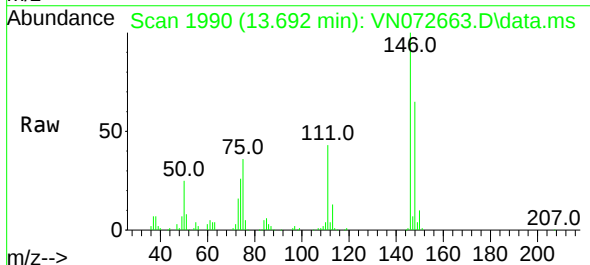
Tgt Ion:146 Resp: 123660
Ion Ratio Lower Upper
146 100
111 45.0 20.8 62.2
148 63.6 31.4 94.3

Manual Integrations
APPROVED

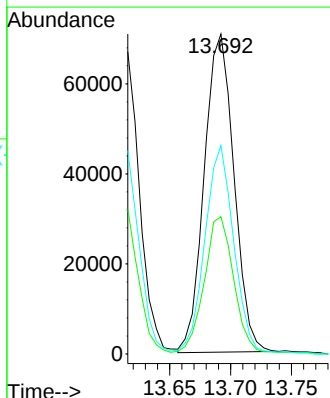
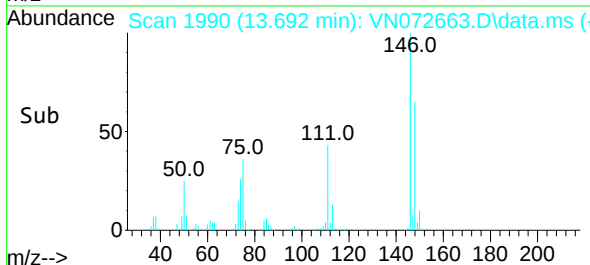
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022

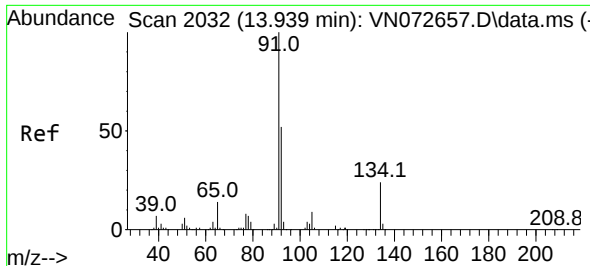


#84
1,4-Dichlorobenzene
Concen: 20.639 ug/l
RT: 13.692 min Scan# 1990
Delta R.T. 0.000 min
Lab File: VN072663.D
Acq: 06 Jun 2022 14:36



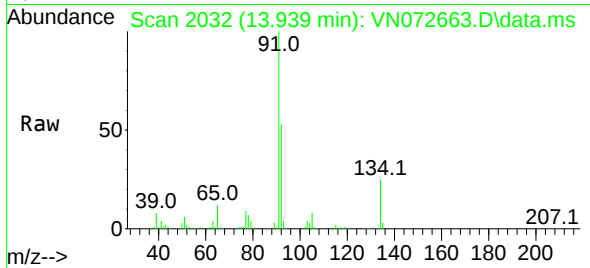
Tgt Ion:146 Resp: 119936
Ion Ratio Lower Upper
146 100
111 43.2 19.5 58.5
148 62.5 31.1 93.5





#85
n-Butylbenzene
Concen: 20.327 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VN072663.D
Acq: 06 Jun 2022 14:36

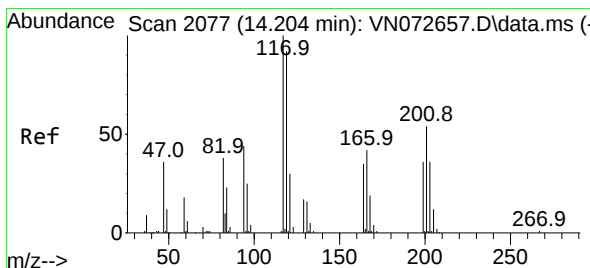
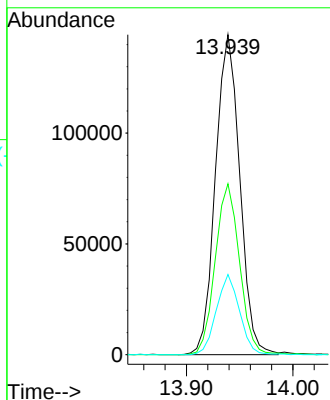
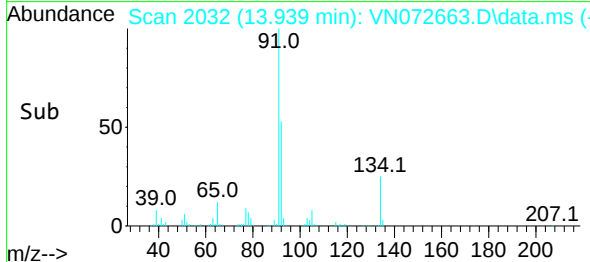
Instrument :
MSVOA_N
ClientSampleId :
ICVVN060622



Tgt Ion: 91 Resp: 22898
Ion Ratio Lower Upper
91 100
92 53.3 0.0 100.6
134 23.8 0.0 50.2

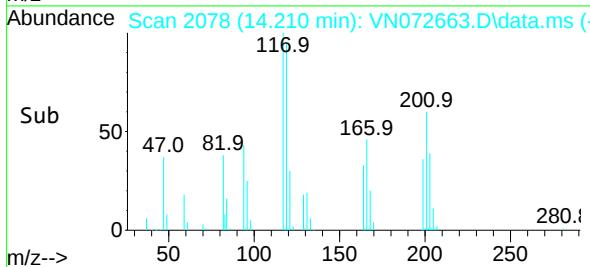
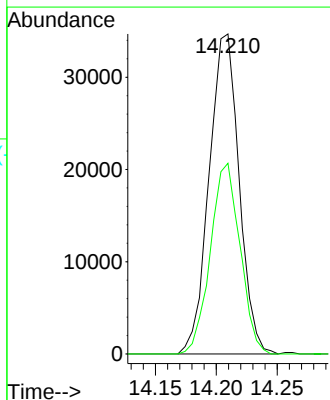
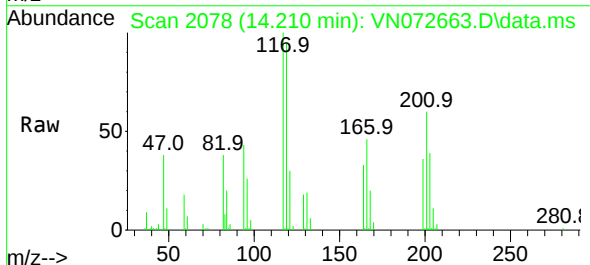
Manual Integrations
APPROVED

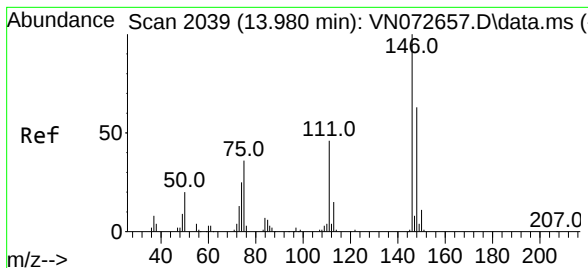
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022



#86
Hexachloroethane
Concen: 20.239 ug/l
RT: 14.210 min Scan# 2078
Delta R.T. 0.006 min
Lab File: VN072663.D
Acq: 06 Jun 2022 14:36

Tgt Ion:117 Resp: 59503
Ion Ratio Lower Upper
117 100
201 58.9 33.3 99.8





#87

1,2-Dichlorobenzene

Concen: 20.561 ug/l

RT: 13.986 min Scan# 2039

Delta R.T. 0.006 min

Lab File: VN072663.D

Acq: 06 Jun 2022 14:36

Instrument :

MSVOA_N

ClientSampleId :

ICVVN060622

Tgt Ion:146 Resp: 12178

Ion Ratio Lower Upper

146 100

111 46.3 21.4 64.2

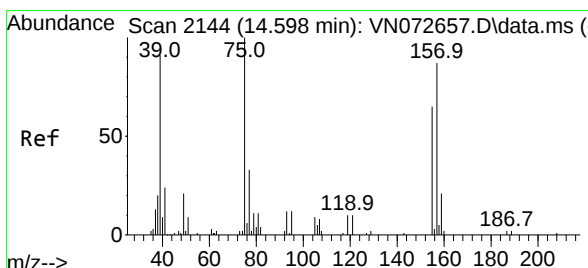
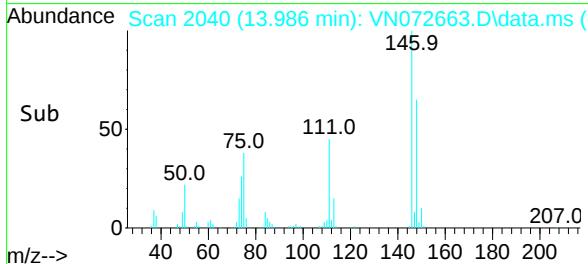
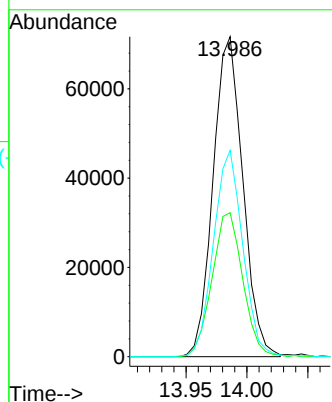
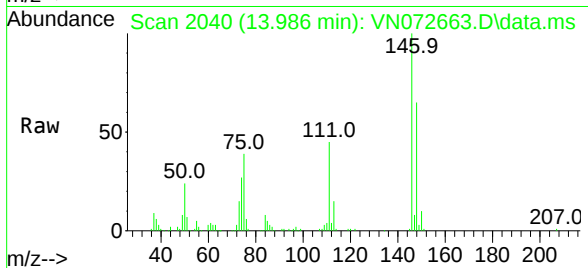
148 63.4 32.5 97.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/07/2022

Supervised By :Mahesh Dadoda 06/07/2022



#88

1,2-Dibromo-3-Chloropropane

Concen: 19.822 ug/l

RT: 14.598 min Scan# 2144

Delta R.T. 0.000 min

Lab File: VN072663.D

Acq: 06 Jun 2022 14:36

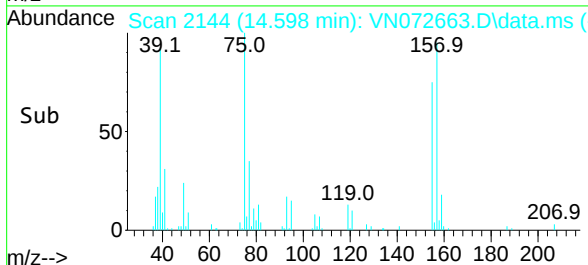
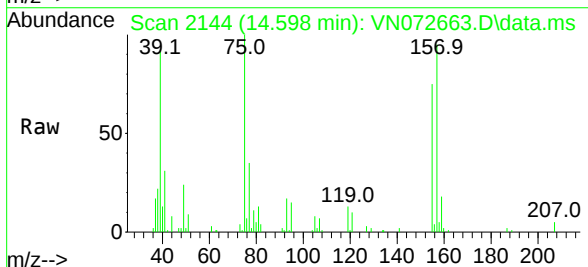
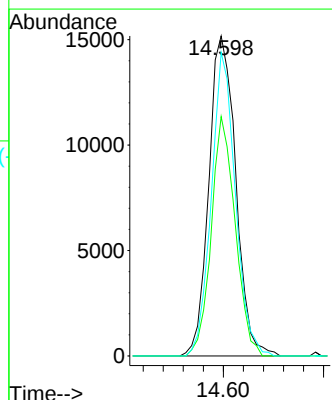
Tgt Ion: 75 Resp: 28293

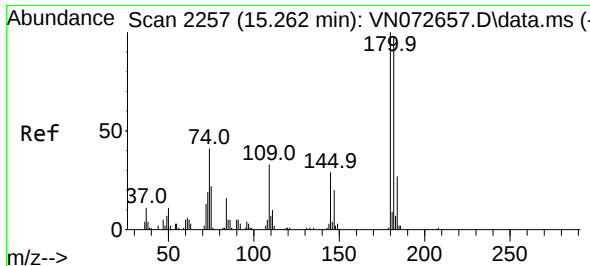
Ion Ratio Lower Upper

75 100

155 66.4 63.8 95.8

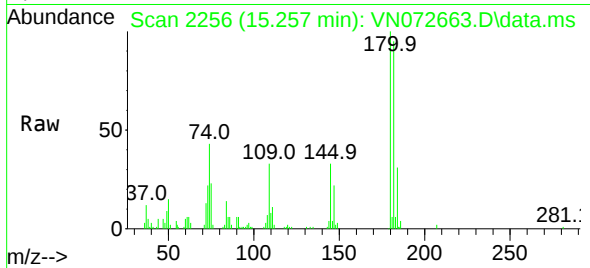
157 84.8 77.9 116.9





#89
1,2,4-Trichlorobenzene
Concen: 20.109 ug/l
RT: 15.257 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN072663.D
Acq: 06 Jun 2022 14:36

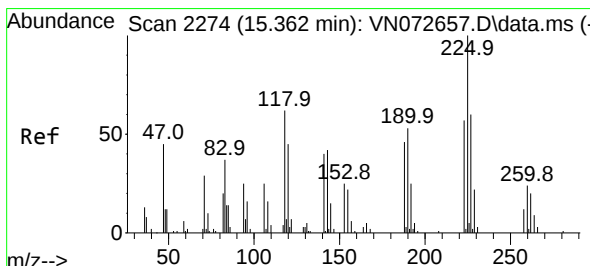
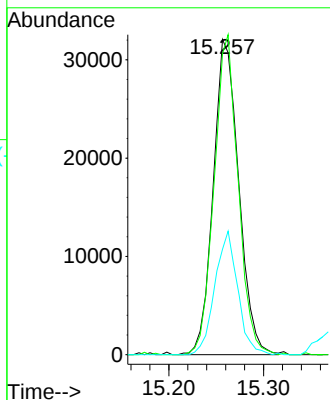
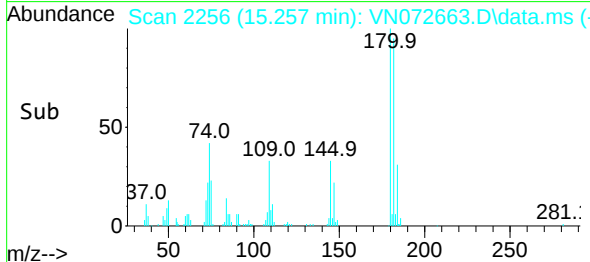
Instrument :
MSVOA_N
ClientSampleId :
ICVVN060622



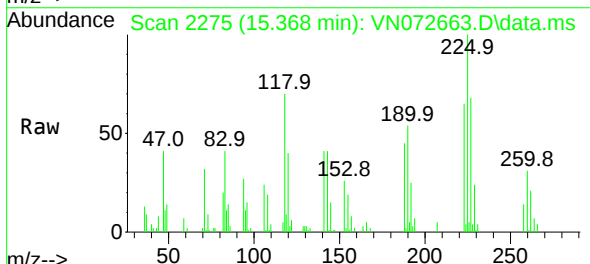
Tgt Ion:180 Resp: 6002
Ion Ratio Lower Upper
180 100
182 95.4 77.7 116.5
145 35.1 26.6 39.8

Manual Integrations
APPROVED

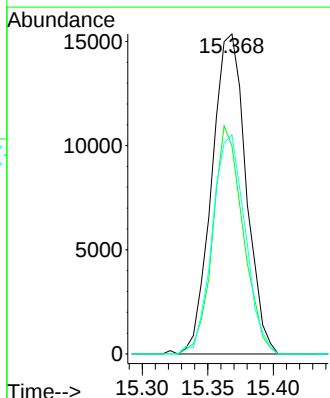
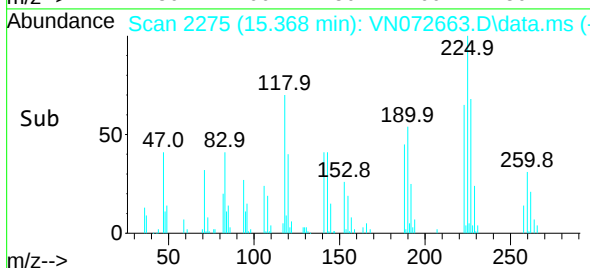
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022

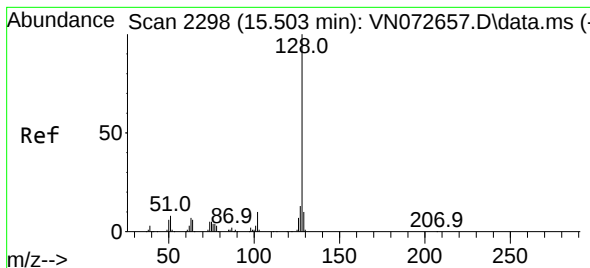


#90
Hexachlorobutadiene
Concen: 20.800 ug/l
RT: 15.368 min Scan# 2275
Delta R.T. 0.006 min
Lab File: VN072663.D
Acq: 06 Jun 2022 14:36



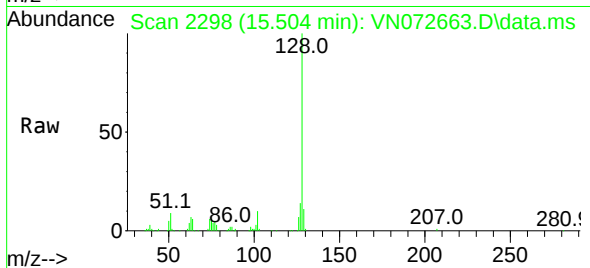
Tgt Ion:225 Resp: 27854
Ion Ratio Lower Upper
225 100
223 63.3 0.0 126.8
227 65.9 0.0 123.0





#91
Naphthalene
Concen: 19.514 ug/l
RT: 15.504 min Scan# 2298
Delta R.T. 0.000 min
Lab File: VN072663.D
Acq: 06 Jun 2022 14:36

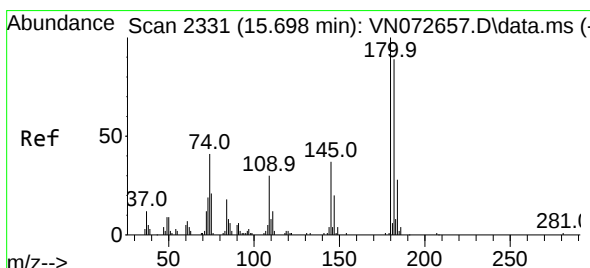
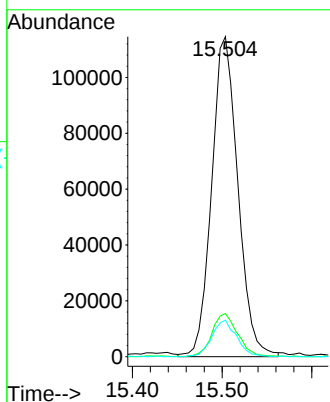
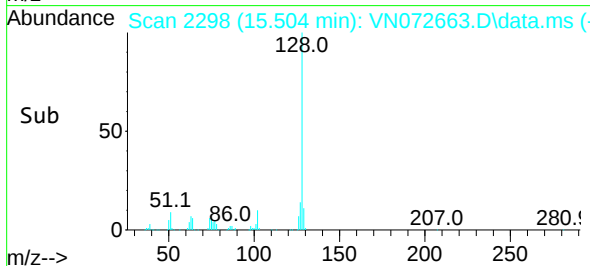
Instrument :
MSVOA_N
ClientSampleId :
ICVVN060622



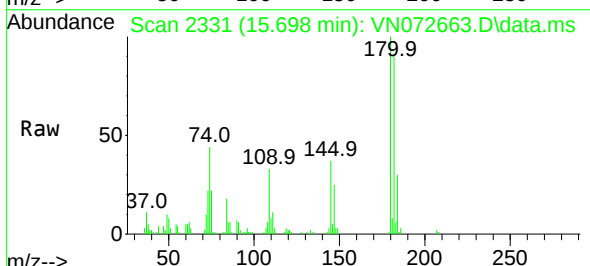
Tgt Ion:128 Resp: 232400
Ion Ratio Lower Upper
128 100
127 13.3 10.7 16.1
129 10.8 9.0 13.6

Manual Integrations
APPROVED

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



#92
1,2,3-Trichlorobenzene
Concen: 20.375 ug/l
RT: 15.698 min Scan# 2331
Delta R.T. 0.000 min
Lab File: VN072663.D
Acq: 06 Jun 2022 14:36



Tgt Ion:180 Resp: 61868
Ion Ratio Lower Upper
180 100
182 94.2 0.0 190.0
145 35.8 0.0 67.8

