

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060622\
 Data File : VN072665.D
 Acq On : 06 Jun 2022 15:51
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

Manual Integrations
 APPROVED

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

Quant Time: Jun 07 06:26:21 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

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

Internal Standards						
1) Bromochloromethane	7.651	128	40141	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.963	114	234119	30.000	ug/l	# 0.00
57) Chlorobenzene-d5	11.739	117	212875	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.433	65	141671	30.946	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 103.167%			
60) 4-Bromofluorobenzene	12.727	95	126345	28.857	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 96.200%			
63) Toluene-d8	10.439	98	355946	30.185	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 100.600%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.069	85	56265	18.711	ug/l	98
3) Chloromethane	2.293	50	59974	18.341	ug/l	98
4) Vinyl Chloride	2.434	62	51533	17.478	ug/l	96
5) Bromomethane	2.846	94	28857	18.926	ug/l	89
6) Chloroethane	3.010	64	38145	19.403	ug/l	97
7) Trichlorofluoromethane	3.363	101	96197	18.048	ug/l	99
8) Diethyl Ether	3.822	74	41053	19.865	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.204	101	51249	18.251	ug/l	73
10) 1,1-Dichloroethene	4.175	96	48130	18.148	ug/l	85
11) Methyl Iodide	4.416	142	46338	17.451	ug/l	98
12) Methyl Acetate	4.845	43	106377	19.441	ug/l	94
13) Acrolein	4.034	56	44088	92.046	ug/l	100
14) Acrylonitrile	5.551	53	223519	100.213	ug/l	99
15) Acetone	4.275	58	57600	95.380	ug/l	83
16) Carbon Disulfide	4.534	76	115673	17.301	ug/l	96
17) Allyl chloride	4.840	41	109403	19.095	ug/l	92
18) Methylene Chloride	5.092	84	65896	19.788	ug/l	91
19) trans-1,2-Dichloroethene	5.592	96	53454	18.625	ug/l	# 78
20) Diisopropyl ether	6.492	45	228599	20.147	ug/l	97
21) 1,1-Dichloroethane	6.375	63	121020	19.197	ug/l	100
22) cis-1,2-Dichloroethene	7.322	96	69097	19.221	ug/l	90
23) tert-Butyl Alcohol	5.357	59	105181	101.336	ug/l	# 100
24) Methyl tert-Butyl Ether	5.604	73	233250	19.776	ug/l	96
25) Chloroform	7.816	83	125357	19.358	ug/l	94
26) Cyclohexane	8.092	56	94488	17.977	ug/l	# 98
29) 1,1-Dichloropropene	8.222	75	81279	18.212	ug/l	95
30) 2-Butanone	7.328	43	329004	101.865	ug/l	96
31) 2,2-Dichloropropane	7.322	77	109264	18.087	ug/l	93
32) 1,1,1-Trichloroethane	8.010	97	108572	18.593	ug/l	96
33) Carbon Tetrachloride	8.198	117	92990	18.466	ug/l	96
34) Benzene	8.457	78	254096	19.245	ug/l	95
35) Methacrylonitrile	7.633	41	59852	18.899	ug/l	92
36) 1,2-Dichloroethane	8.528	62	110147	19.746	ug/l	99
37) Trichloroethene	9.210	130	58243	18.298	ug/l	85
38) Methylcyclohexane	9.457	83	100058	18.781	ug/l	92
39) 1,2-Dichloropropane	9.486	63	71407	19.686	ug/l	97
40) Dibromomethane	9.575	93	49801	20.000	ug/l	96
41) Bromodichloromethane	9.757	83	106512	19.997	ug/l	96
42) Vinyl Acetate	6.428	43	1060158	100.826	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060622\
 Data File : VN072665.D
 Acq On : 06 Jun 2022 15:51
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

Quant Time: Jun 07 06:26:21 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)
43) Ethyl Acetate	7.404	43	131697	21.282	ug/l	96
44) Isopropyl Acetate	8.557	43	204564	19.929	ug/l	99
45) 1,4-Dioxane	9.563	88	35371	419.323	ug/l #	87
46) Methyl methacrylate	9.557	41	89770	19.559	ug/l	86
47) n-amyl Acetate	12.386	43	144628	18.404	ug/l	98
48) t-1,3-Dichloropropene	10.716	75	114040	18.758	ug/l	99
49) cis-1,3-Dichloropropene	10.186	75	118233	19.152	ug/l	99
50) 1,1,2-Trichloroethane	10.892	97	68960	19.589	ug/l	97
51) Ethyl methacrylate	10.757	69	127587	20.008	ug/l	93
52) 1,3-Dichloropropane	11.039	76	126193	20.143	ug/l	99
53) Dibromochloromethane	11.233	129	75431	19.420	ug/l	100
54) 1,2-Dibromoethane	11.345	107	72736	19.650	ug/l	96
55) 2-Chloroethyl vinyl ether	10.039	63	246654	98.761	ug/l	98
56) Bromoform	12.457	173	51529	19.040	ug/l #	98
58) 4-Methyl-2-Pentanone	10.327	43	664495	104.073	ug/l	98
59) 2-Hexanone	11.080	43	497873	102.852	ug/l	99
61) Tetrachloroethene	10.974	164	53721	20.392	ug/l	97
62) Toluene	10.504	91	282532	19.574	ug/l	99
64) Chlorobenzene	11.769	112	170980	19.456	ug/l	100
65) 1,1,1,2-Tetrachloroethane	11.839	131	67220	19.401	ug/l	99
66) Ethyl Benzene	11.839	91	316474	19.097	ug/l	98
67) m/p-Xylenes	11.951	106	229209	37.921	ug/l	92
68) o-Xylene	12.274	106	118613	19.236	ug/l	93
69) Styrene	12.292	104	185485	18.950	ug/l	95
70) Isopropylbenzene	12.574	105	304869	18.921	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.821	83	112539	20.634	ug/l	97
72) 1,2,3-Trichloropropane	12.874	75	94993m	19.957	ug/l	
73) Bromobenzene	12.857	156	61579	18.800	ug/l	72
74) n-propylbenzene	12.916	91	337410	18.300	ug/l	98
75) 2-Chlorotoluene	13.004	91	215037	18.816	ug/l	94
76) 1,3,5-Trimethylbenzene	13.057	105	252999	19.130	ug/l	100
77) t-1,4-Dichloro-2-butene	12.621	75	38070	18.976	ug/l	93
78) 4-Chlorotoluene	13.104	91	196497	18.200	ug/l	93
79) tert-butylbenzene	13.321	119	221172	18.732	ug/l	97
80) 1,2,4-Trimethylbenzene	13.498	105	299543	18.785	ug/l	100
81) sec-Butylbenzene	13.498	105	299543	18.785	ug/l	99
82) p-Isopropyltoluene	13.615	119	233105	18.312	ug/l	98
83) 1,3-Dichlorobenzene	13.610	146	102801	17.928	ug/l	95
84) 1,4-Dichlorobenzene	13.692	146	101421	18.216	ug/l	95
85) n-Butylbenzene	13.939	91	191829	17.773	ug/l	97
86) Hexachloroethane	14.204	117	52524	18.646	ug/l	91
87) 1,2-Dichlorobenzene	13.986	146	106393	18.748	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.598	75	26212	19.167	ug/l	89
89) 1,2,4-Trichlorobenzene	15.262	180	51258	17.924	ug/l	97
90) Hexachlorobutadiene	15.368	225	23772	18.529	ug/l	99
91) Naphthalene	15.504	128	203686	17.851	ug/l	99
92) 1,2,3-Trichlorobenzene	15.692	180	54336	18.677	ug/l	97

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

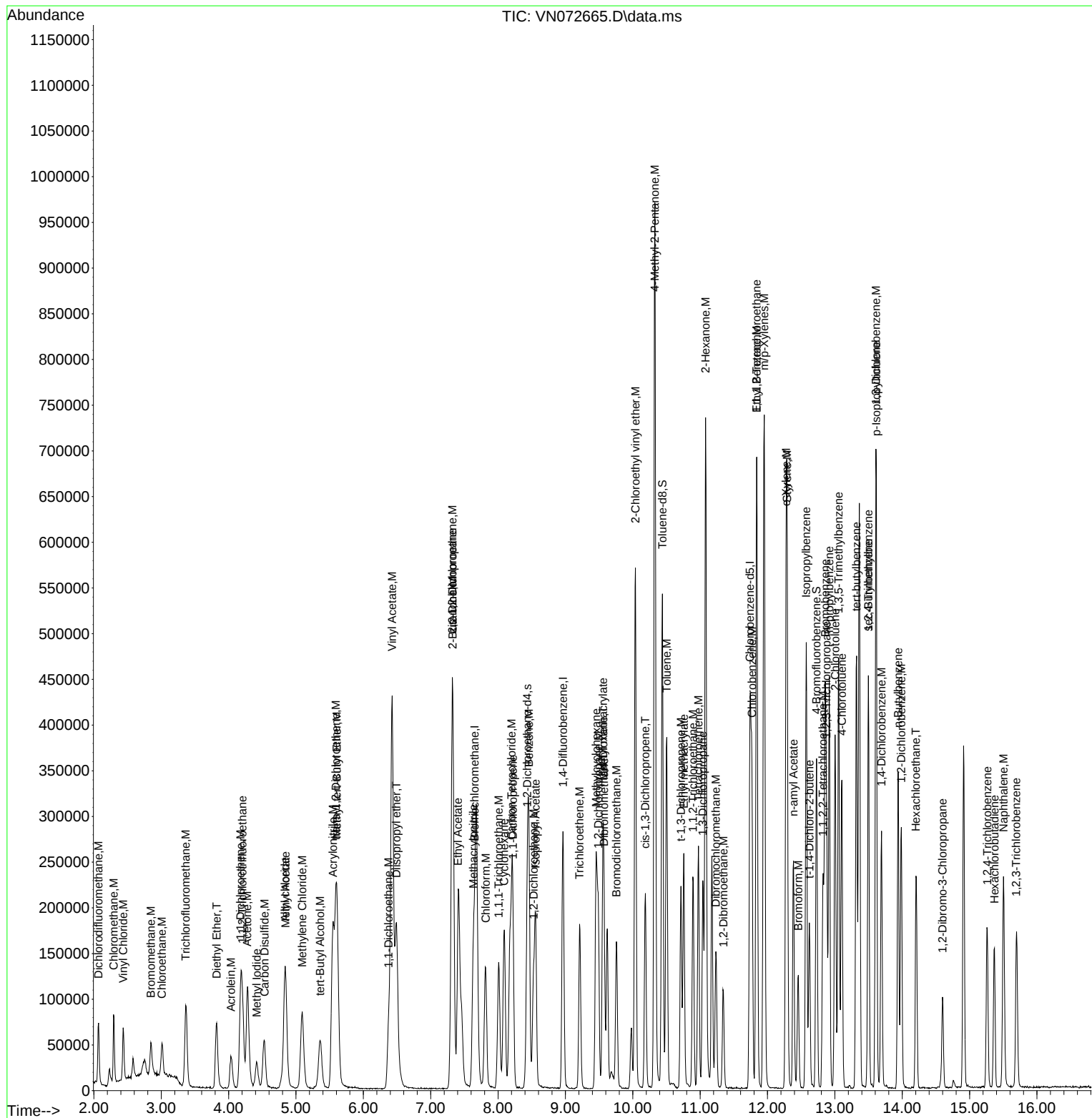
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060622\
Data File : VN072665.D
Acq On : 06 Jun 2022 15:51
Operator : JC\MD
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Quant Time: Jun 07 06:26:21 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





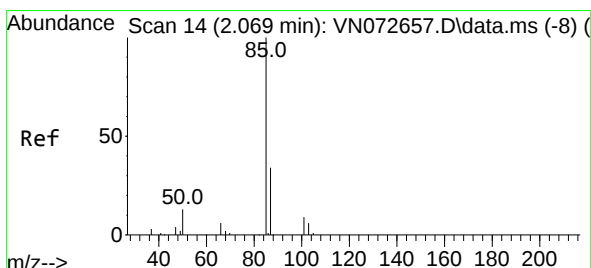
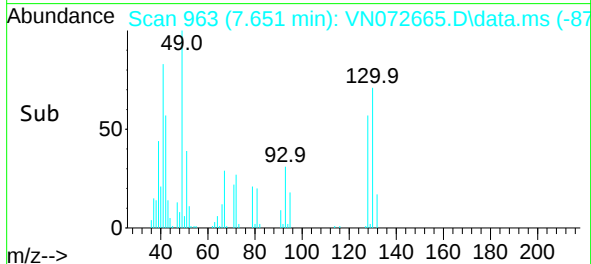
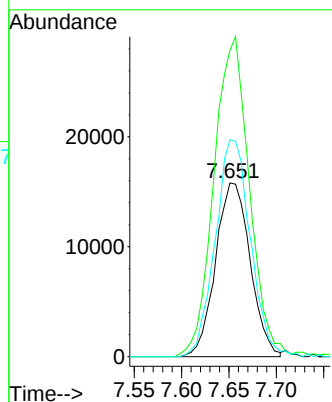
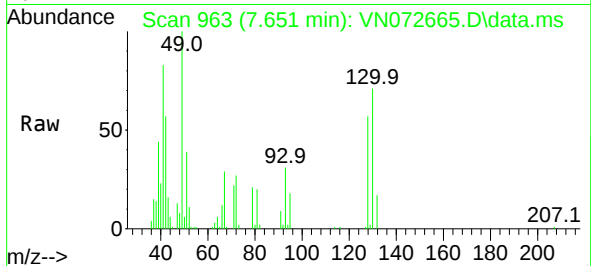
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.651 min Scan# 90
Delta R.T. 0.000 min
Lab File: VN072665.D
Acq: 06 Jun 2022 15:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion:128 Resp: 4014
Ion Ratio Lower Upper
128 100
49 188.2 0.0 392.3
130 126.9 0.0 320.2

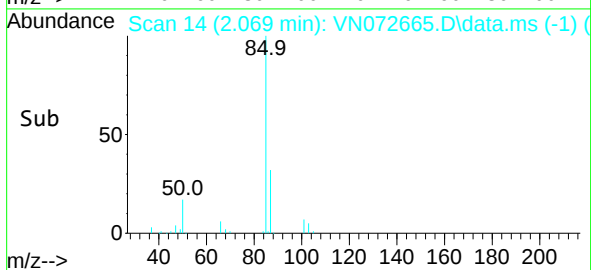
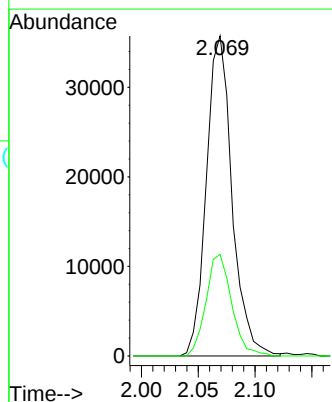
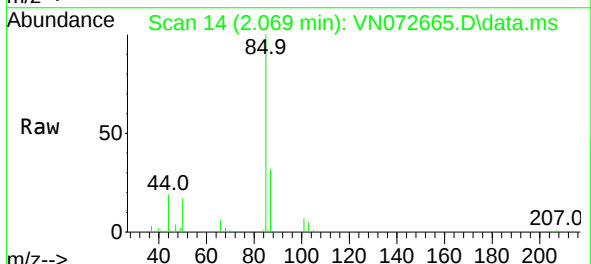
Manual Integrations
APPROVED

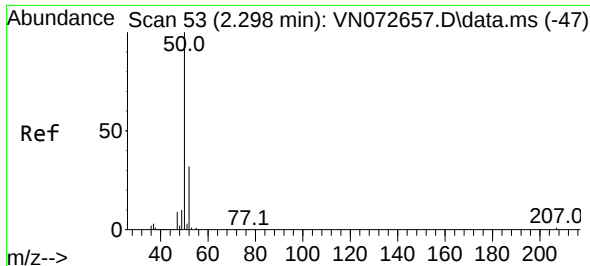
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022



#2
Dichlorodifluoromethane
Concen: 18.711 ug/l
RT: 2.069 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN072665.D
Acq: 06 Jun 2022 15:51

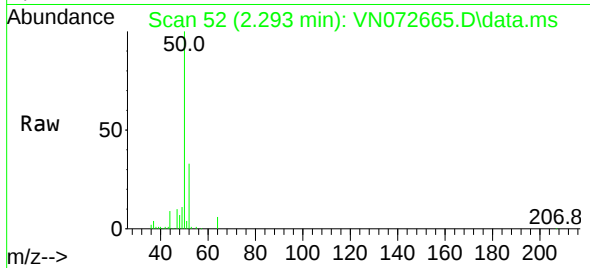
Tgt Ion: 85 Resp: 56265
Ion Ratio Lower Upper
85 100
87 31.7 16.6 49.7





#3
Chloromethane
Concen: 18.341 ug/l
RT: 2.293 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN072665.D
Acq: 06 Jun 2022 15:51

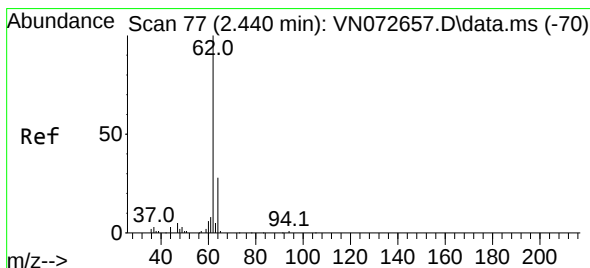
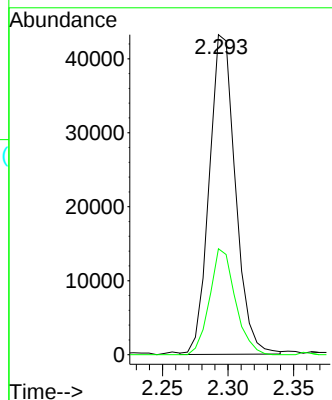
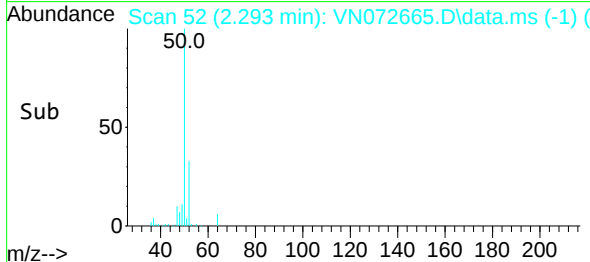
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion: 50 Resp: 59974
Ion Ratio Lower Upper
50 100
52 33.3 27.8 41.6

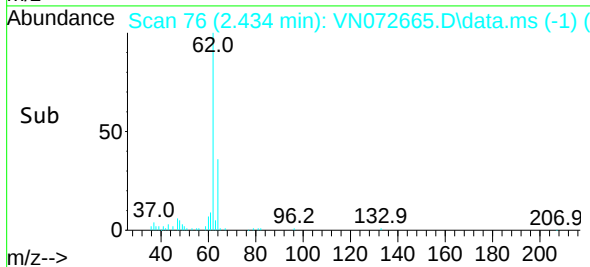
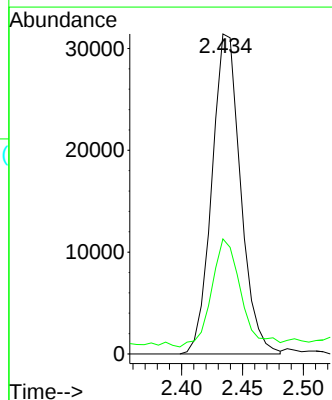
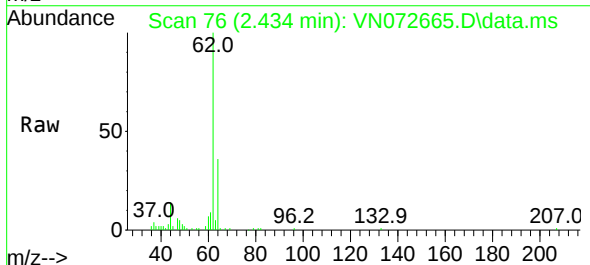
Manual Integrations
APPROVED

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



#4
Vinyl Chloride
Concen: 17.478 ug/l
RT: 2.434 min Scan# 76
Delta R.T. -0.006 min
Lab File: VN072665.D
Acq: 06 Jun 2022 15:51

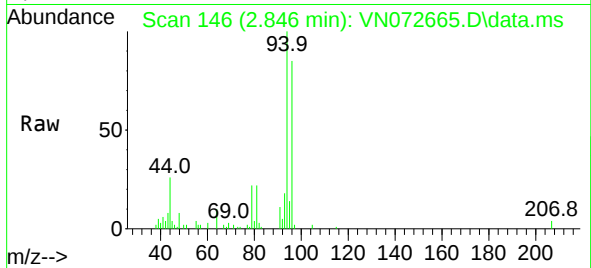
Tgt Ion: 62 Resp: 51533
Ion Ratio Lower Upper
62 100
64 33.8 25.1 37.7





#5
Bromomethane
Concen: 18.926 ug/l
RT: 2.846 min Scan# 147
Delta R.T. -0.006 min
Lab File: VN072665.D
Acq: 06 Jun 2022 15:51

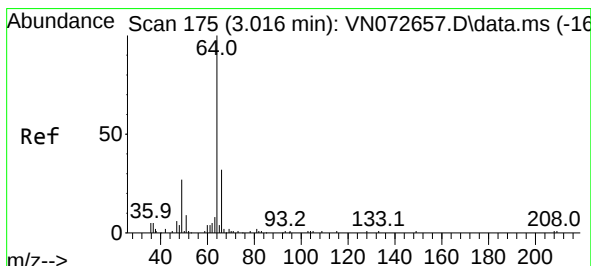
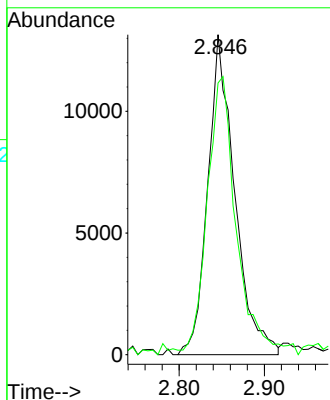
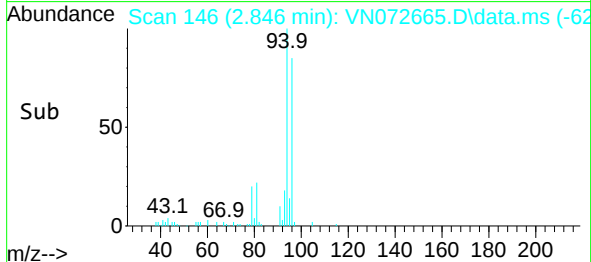
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion: 94 Resp: 2885
Ion Ratio Lower Upper
94 100
96 83.5 75.2 112.8

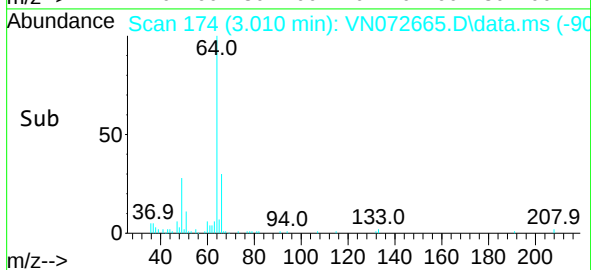
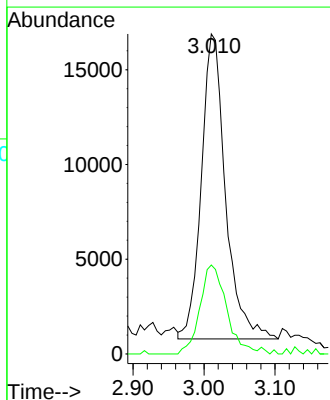
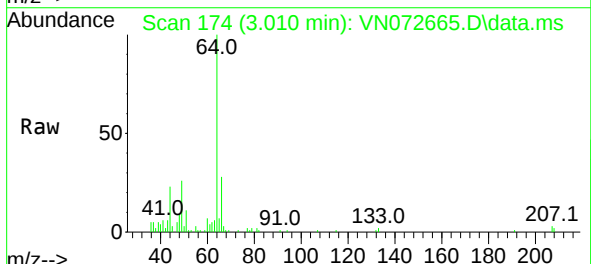
Manual Integrations
APPROVED

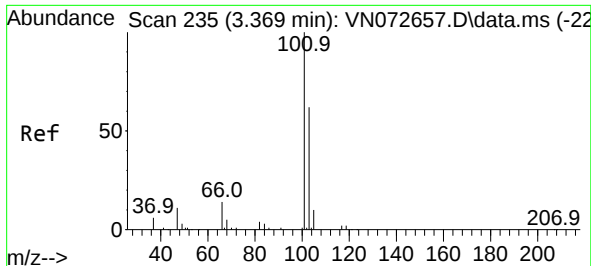
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022



#6
Chloroethane
Concen: 19.403 ug/l
RT: 3.010 min Scan# 174
Delta R.T. -0.006 min
Lab File: VN072665.D
Acq: 06 Jun 2022 15:51

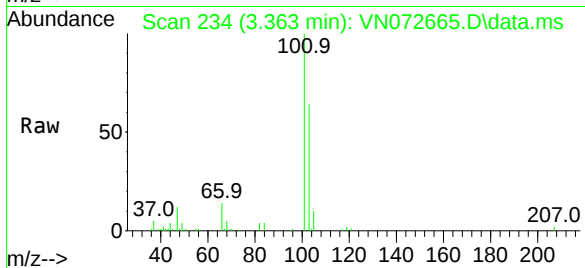
Tgt Ion: 64 Resp: 38145
Ion Ratio Lower Upper
64 100
66 29.2 24.6 36.8





#7
 Trichlorofluoromethane
 Concen: 18.048 ug/l
 RT: 3.363 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VN072665.D
 Acq: 06 Jun 2022 15:51

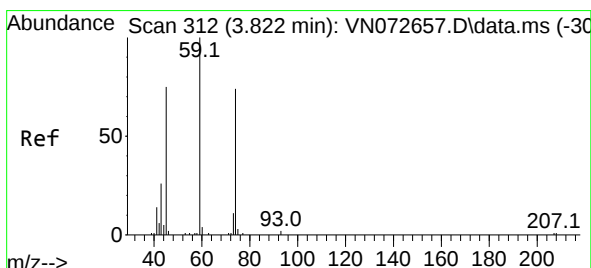
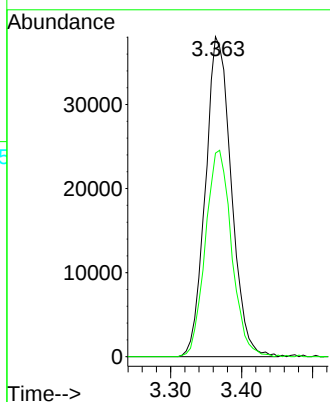
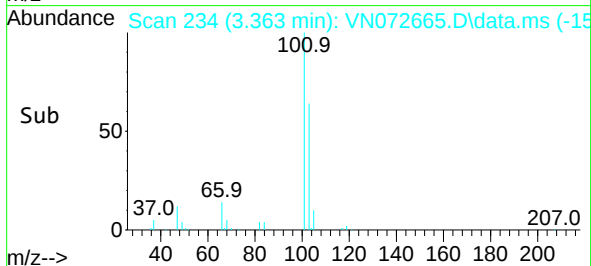
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020



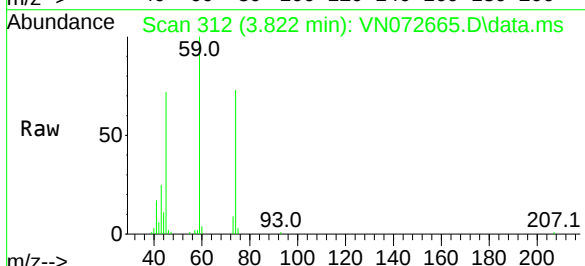
Tgt Ion:101 Resp: 9619
 Ion Ratio Lower Upper
 101 100
 103 63.6 50.1 75.1

Manual Integrations
 APPROVED

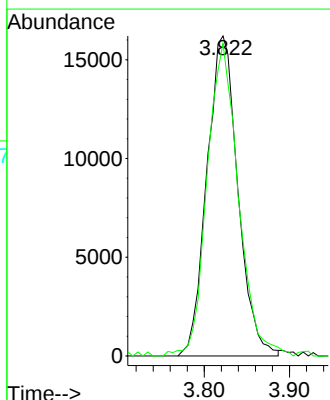
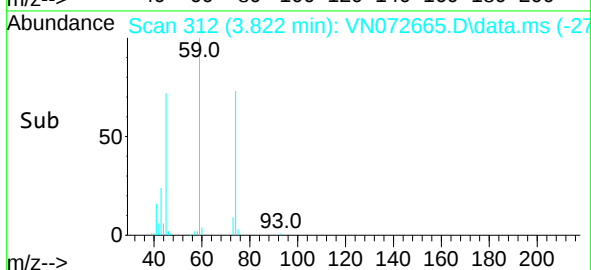
Reviewed By :John Carlone 06/07/2022
 Supervised By :Mahesh Dadoda 06/07/2022

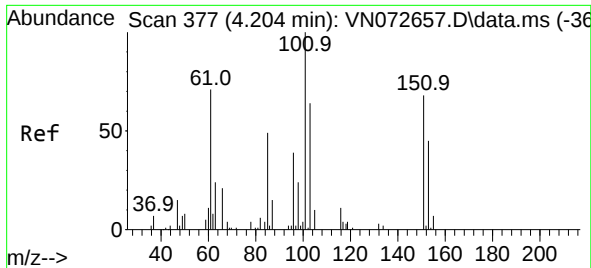


#8
 Diethyl Ether
 Concen: 19.865 ug/l
 RT: 3.822 min Scan# 312
 Delta R.T. 0.000 min
 Lab File: VN072665.D
 Acq: 06 Jun 2022 15:51



Tgt Ion: 74 Resp: 41053
 Ion Ratio Lower Upper
 74 100
 45 98.4 17.6 158.8





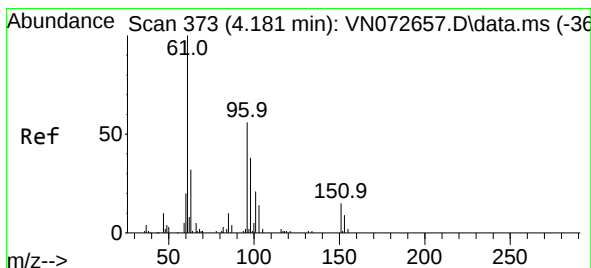
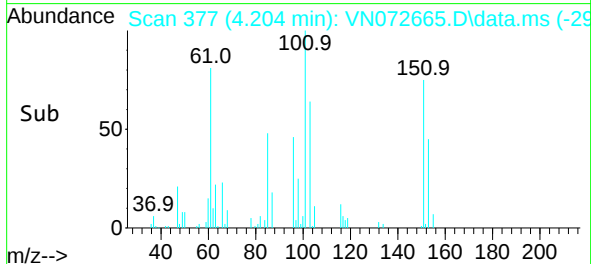
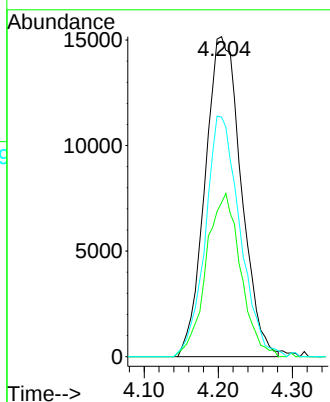
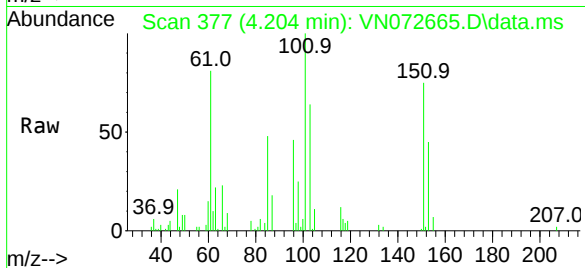
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.251 ug/l
RT: 4.204 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN072665.D
Acq: 06 Jun 2022 15:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion:101 Resp: 51249
Ion Ratio Lower Upper
101 100
85 48.7 0.0 94.0
151 72.1 0.0 74.6

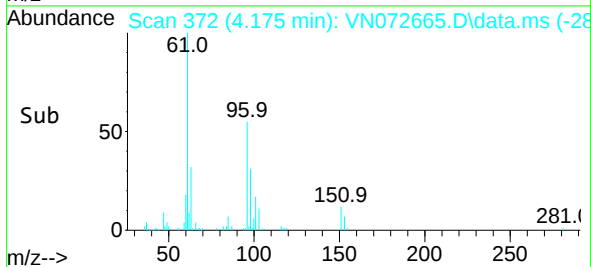
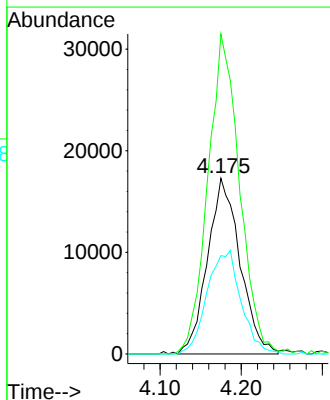
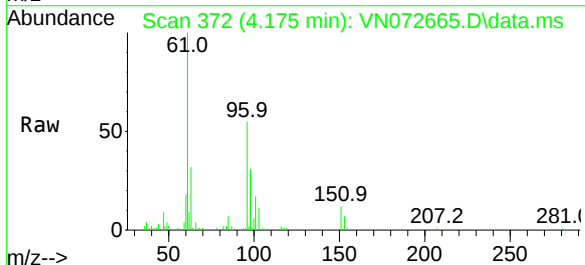
Manual Integrations
APPROVED

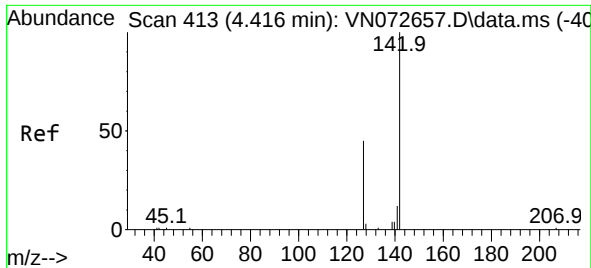
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022



#10
1,1-Dichloroethene
Concen: 18.148 ug/l
RT: 4.175 min Scan# 372
Delta R.T. -0.006 min
Lab File: VN072665.D
Acq: 06 Jun 2022 15:51

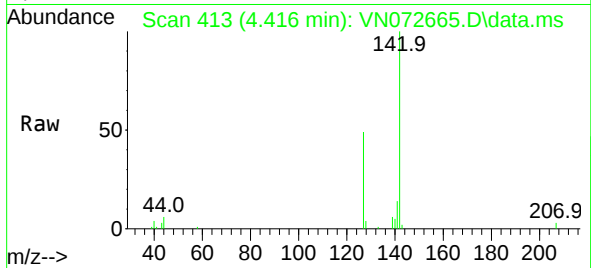
Tgt Ion: 96 Resp: 48130
Ion Ratio Lower Upper
96 100
61 180.7 126.2 189.4
98 56.0 50.9 76.3





#11
Methyl Iodide
Concen: 17.451 ug/l
RT: 4.416 min Scan# 413
Delta R.T. 0.000 min
Lab File: VN072665.D
Acq: 06 Jun 2022 15:51

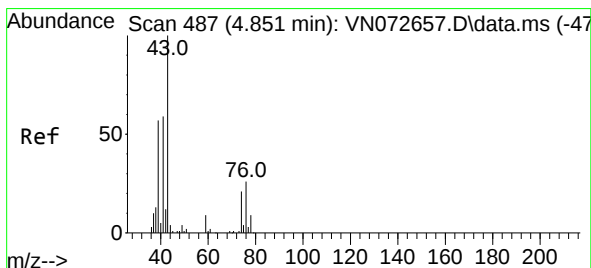
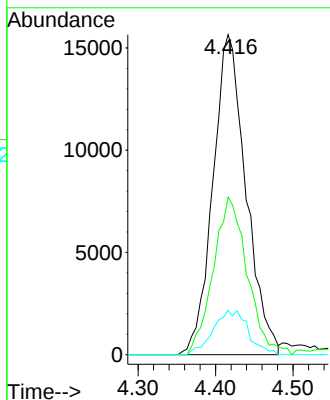
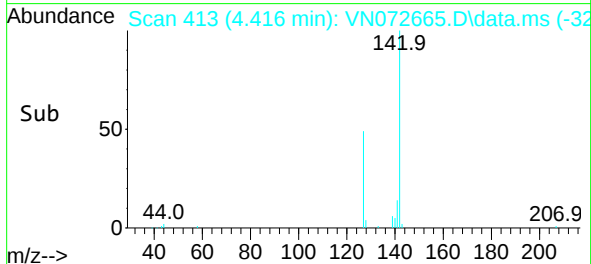
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion:142 Resp: 46338
Ion Ratio Lower Upper
142 100
127 48.7 24.0 72.0
141 14.0 8.4 25.2

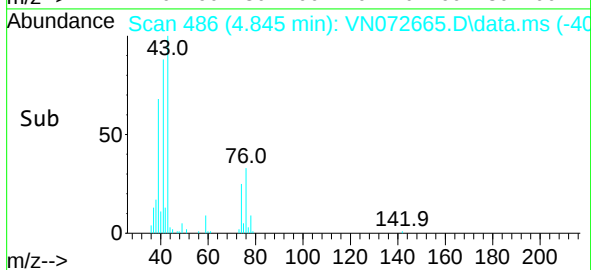
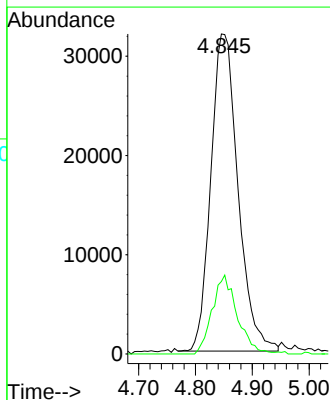
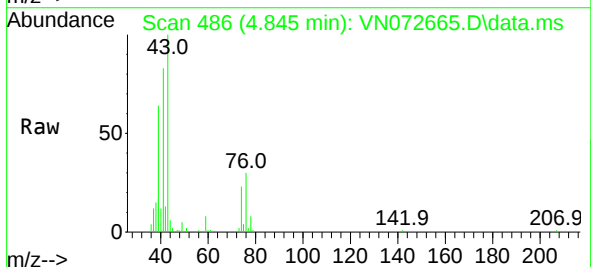
Manual Integrations
APPROVED

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



#12
Methyl Acetate
Concen: 19.441 ug/l
RT: 4.845 min Scan# 486
Delta R.T. -0.006 min
Lab File: VN072665.D
Acq: 06 Jun 2022 15:51

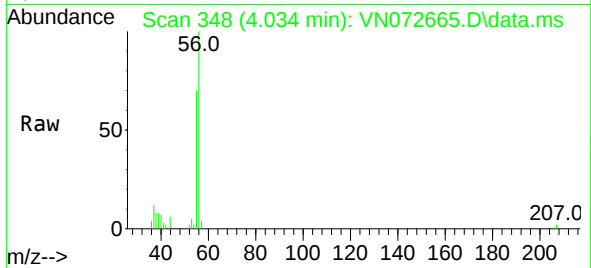
Tgt Ion: 43 Resp: 106377
Ion Ratio Lower Upper
43 100
74 22.7 20.8 31.2





#13
Acrolein
Concen: 92.046 ug/l
RT: 4.034 min Scan# 348
Delta R.T. 0.000 min
Lab File: VN072665.D
Acq: 06 Jun 2022 15:51

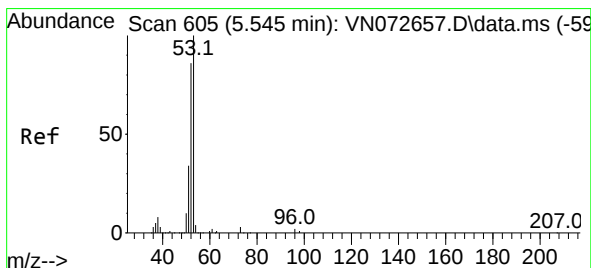
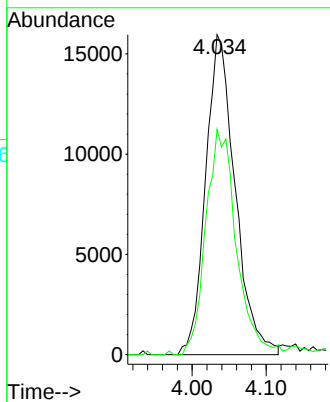
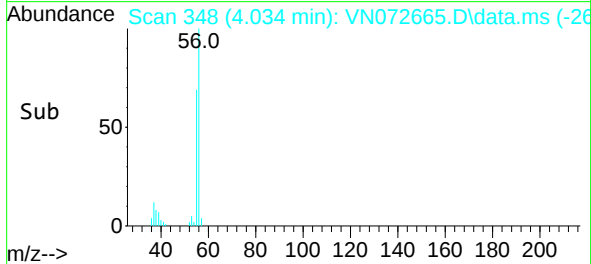
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



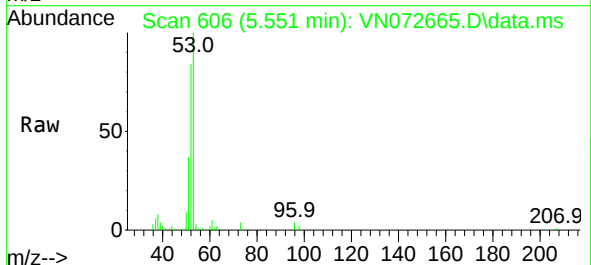
Tgt Ion: 56 Resp: 44088
Ion Ratio Lower Upper
56 100
55 72.2 57.6 86.4

Manual Integrations
APPROVED

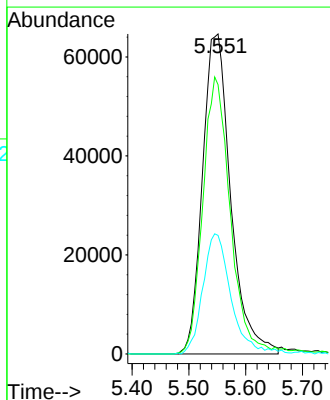
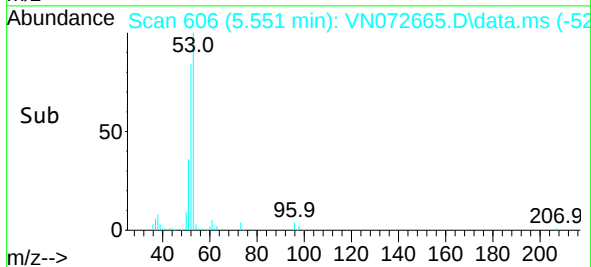
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022

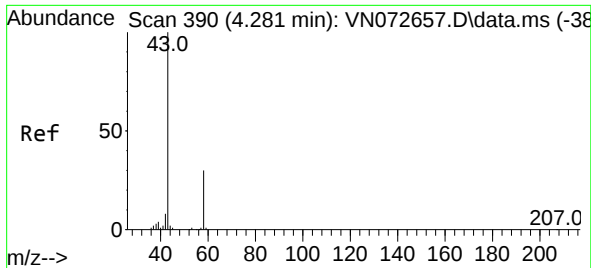


#14
Acrylonitrile
Concen: 100.213 ug/l
RT: 5.551 min Scan# 606
Delta R.T. 0.006 min
Lab File: VN072665.D
Acq: 06 Jun 2022 15:51



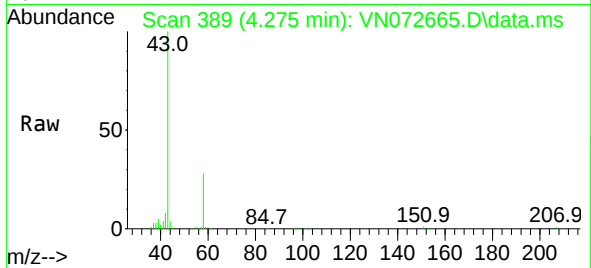
Tgt Ion: 53 Resp: 223519
Ion Ratio Lower Upper
53 100
52 83.2 41.8 125.4
51 36.2 19.0 57.0





#15
Acetone
Concen: 95.380 ug/l
RT: 4.275 min Scan# 389
Delta R.T. -0.006 min
Lab File: VN072665.D
Acq: 06 Jun 2022 15:51

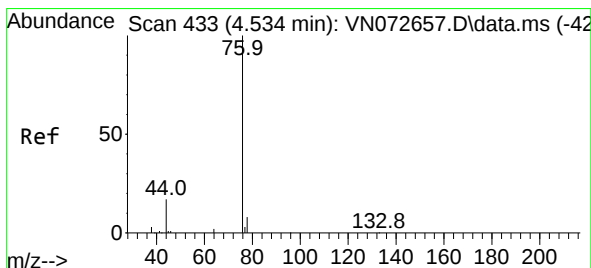
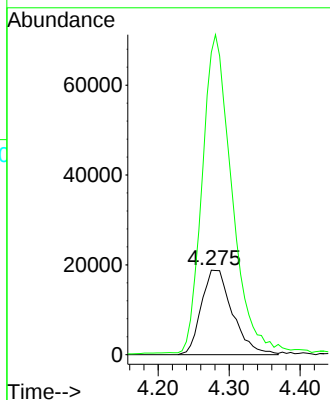
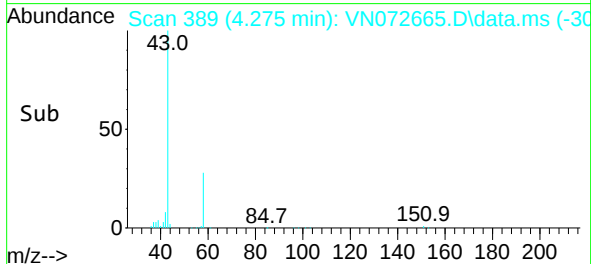
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion: 58 Resp: 57600
Ion Ratio Lower Upper
58 100
43 355.6 256.6 384.8

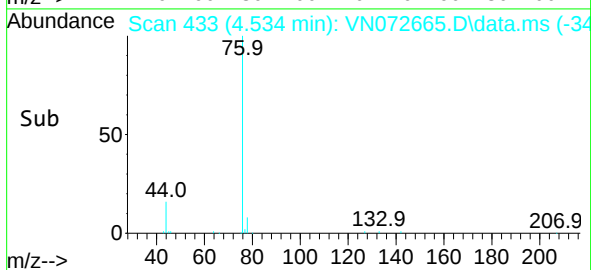
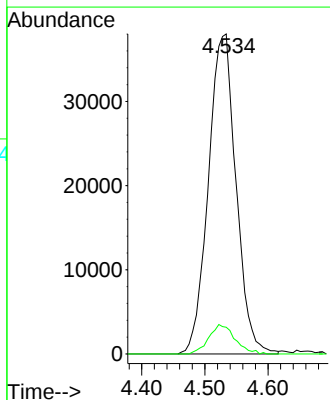
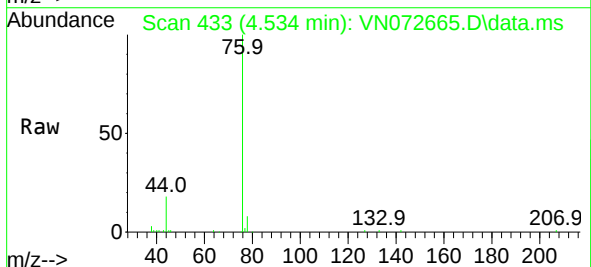
Manual Integrations
APPROVED

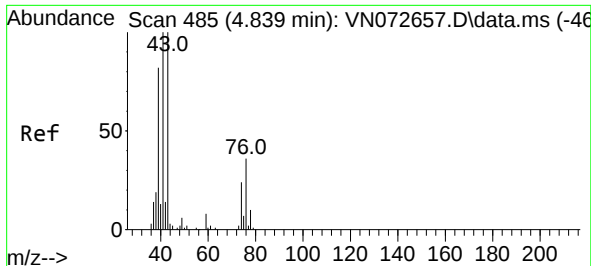
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022



#16
Carbon Disulfide
Concen: 17.301 ug/l
RT: 4.534 min Scan# 433
Delta R.T. 0.000 min
Lab File: VN072665.D
Acq: 06 Jun 2022 15:51

Tgt Ion: 76 Resp: 115673
Ion Ratio Lower Upper
76 100
78 8.3 7.8 11.8





#17

Allyl chloride

Concen: 19.095 ug/l

RT: 4.840 min Scan# 41

Delta R.T. 0.000 min

Lab File: VN072665.D

Acq: 06 Jun 2022 15:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tgt Ion: 41 Resp: 10940

Ion Ratio Lower Upper

41 100

39 82.9 44.6 134.0

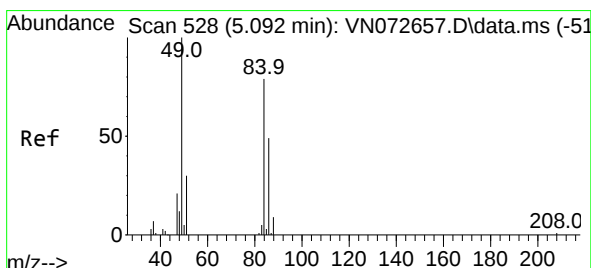
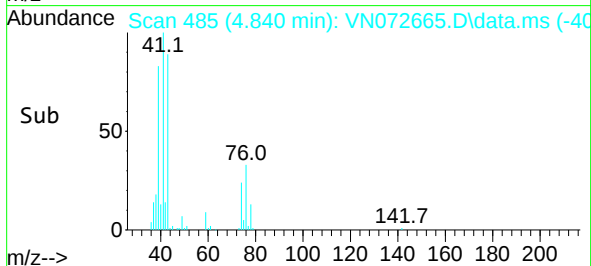
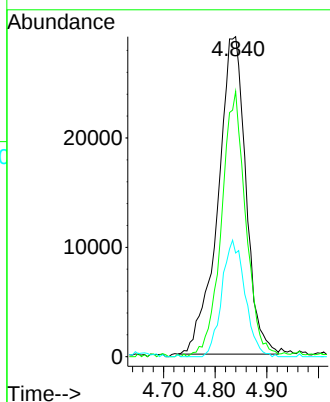
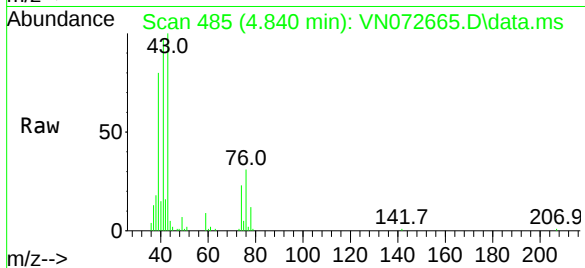
76 32.6 19.6 58.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/07/2022

Supervised By :Mahesh Dadoda 06/07/2022



#18

Methylene Chloride

Concen: 19.788 ug/l

RT: 5.092 min Scan# 528

Delta R.T. 0.000 min

Lab File: VN072665.D

Acq: 06 Jun 2022 15:51

Tgt Ion: 84 Resp: 65896

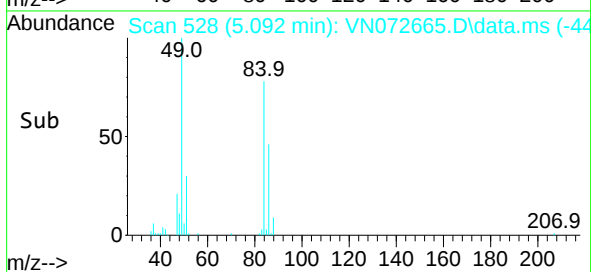
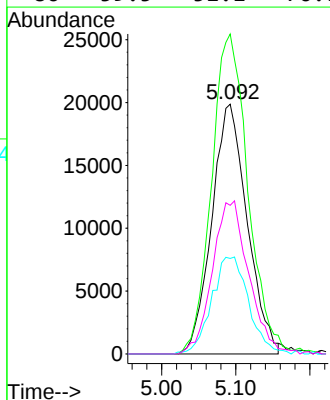
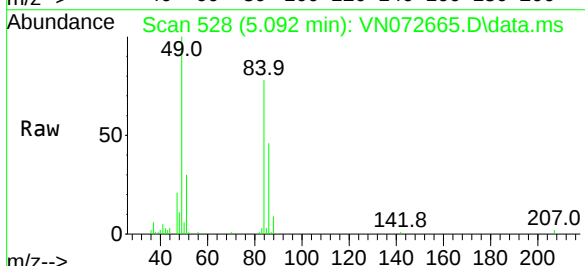
Ion Ratio Lower Upper

84 100

49 128.2 91.4 137.0

51 37.5 29.4 44.0

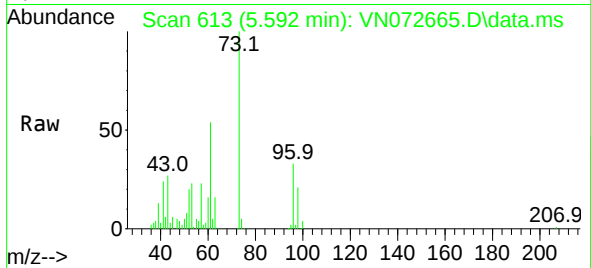
86 59.5 51.1 76.7





#19
trans-1,2-Dichloroethene
Concen: 18.625 ug/l
RT: 5.592 min Scan# 613
Delta R.T. 0.000 min
Lab File: VN072665.D
Acq: 06 Jun 2022 15:51

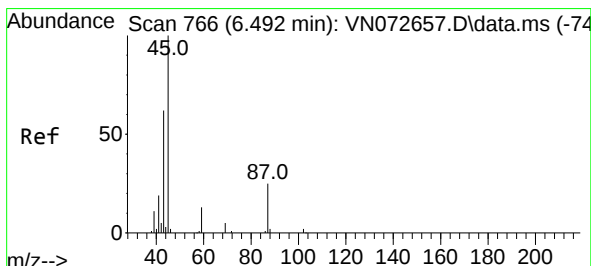
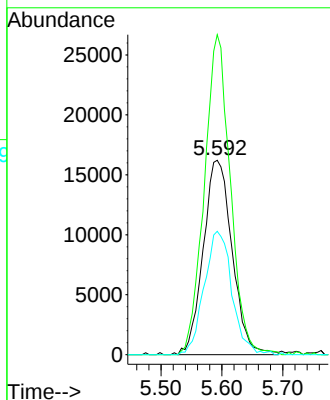
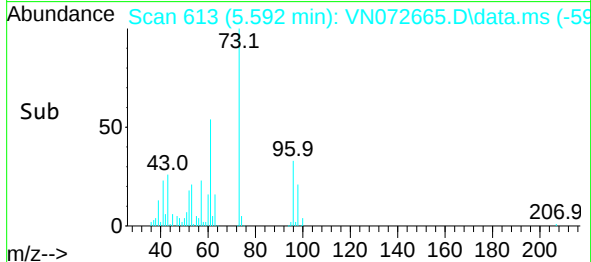
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion: 96 Resp: 53454
Ion Ratio Lower Upper
96 100
61 164.7 102.8 154.2
98 63.5 49.3 73.9

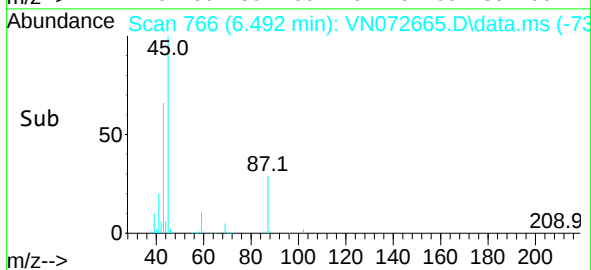
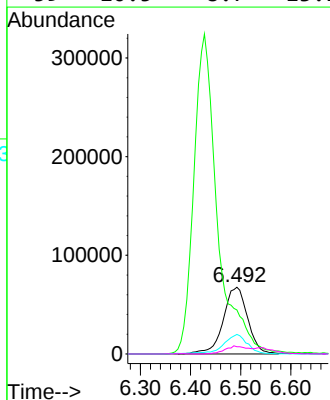
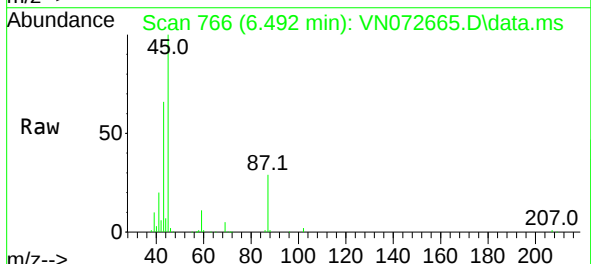
Manual Integrations
APPROVED

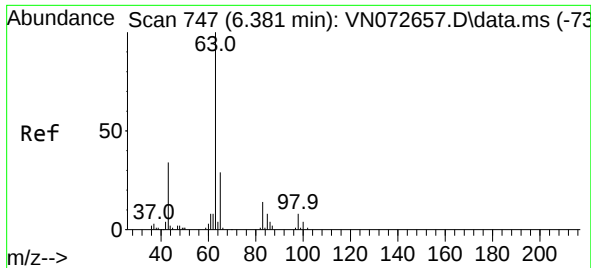
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022



#20
Diisopropyl ether
Concen: 20.147 ug/l
RT: 6.492 min Scan# 766
Delta R.T. 0.000 min
Lab File: VN072665.D
Acq: 06 Jun 2022 15:51

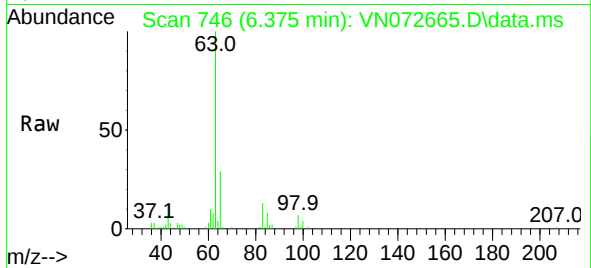
Tgt Ion: 45 Resp: 228599
Ion Ratio Lower Upper
45 100
43 61.4 51.0 76.4
87 29.3 25.0 37.4
59 10.5 8.7 13.1





#21
1,1-Dichloroethane
Concen: 19.197 ug/l
RT: 6.375 min Scan# 74
Delta R.T. -0.006 min
Lab File: VN072665.D
Acq: 06 Jun 2022 15:51

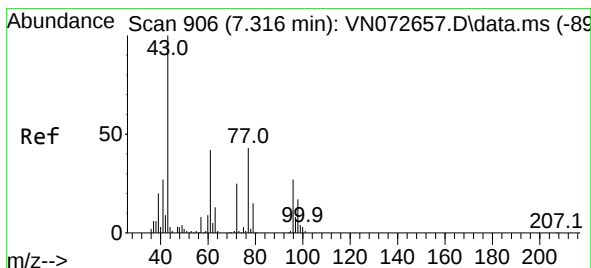
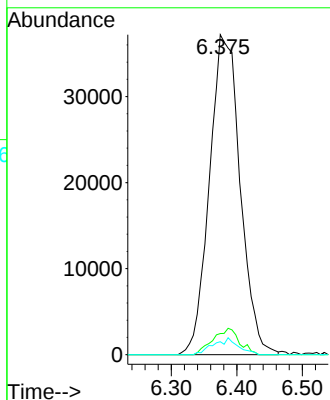
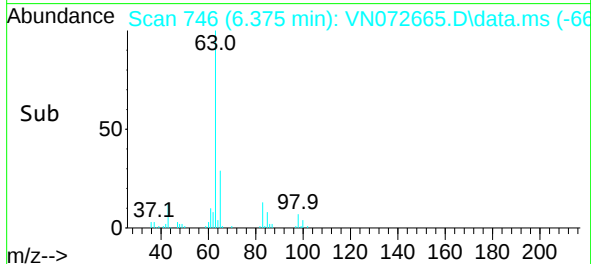
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



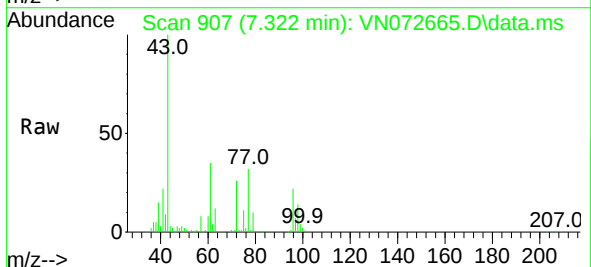
Tgt Ion: 63 Resp: 121020
Ion Ratio Lower Upper
63 100
98 6.6 3.2 9.6
100 4.1 2.1 6.2

Manual Integrations
APPROVED

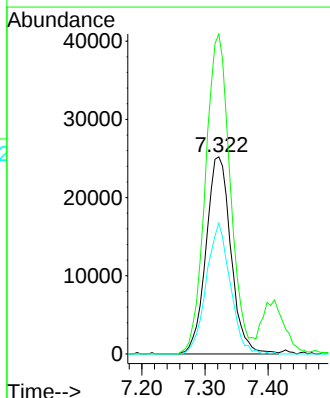
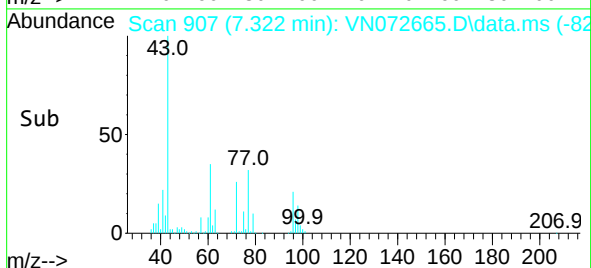
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022

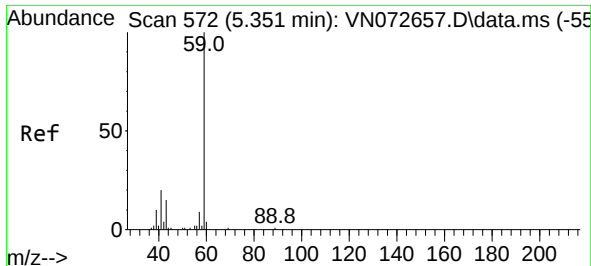


#22
cis-1,2-Dichloroethene
Concen: 19.221 ug/l
RT: 7.322 min Scan# 907
Delta R.T. 0.006 min
Lab File: VN072665.D
Acq: 06 Jun 2022 15:51



Tgt Ion: 96 Resp: 69097
Ion Ratio Lower Upper
96 100
61 162.3 115.7 173.5
98 63.4 51.6 77.4





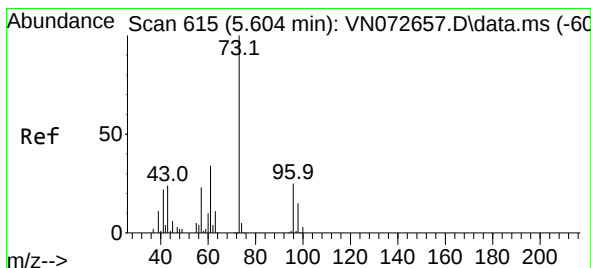
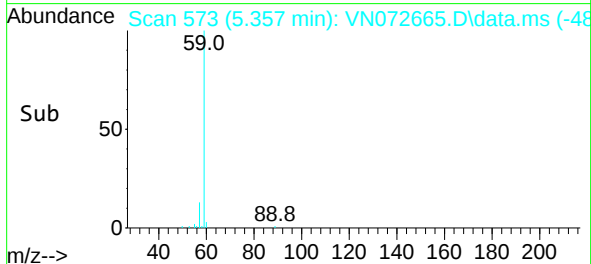
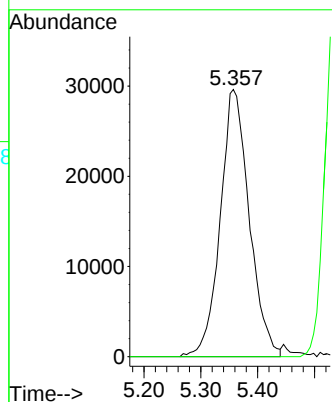
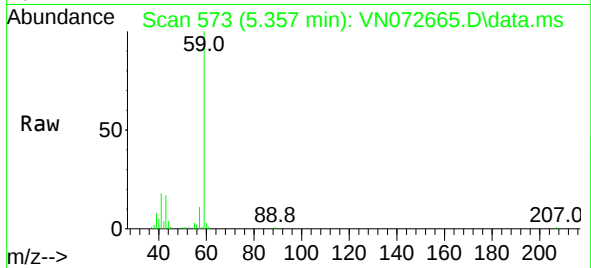
#23
tert-Butyl Alcohol
Concen: 101.336 ug/l
RT: 5.357 min Scan# 518
Delta R.T. 0.006 min
Lab File: VN072665.D
Acq: 06 Jun 2022 15:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 59 Resp: 10518
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

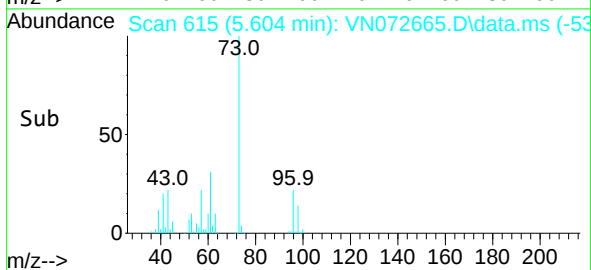
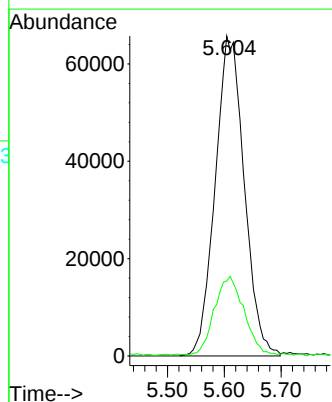
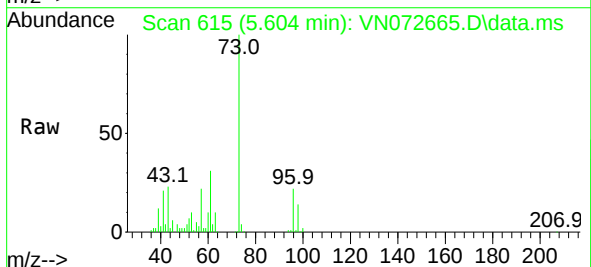
Manual Integrations
APPROVED

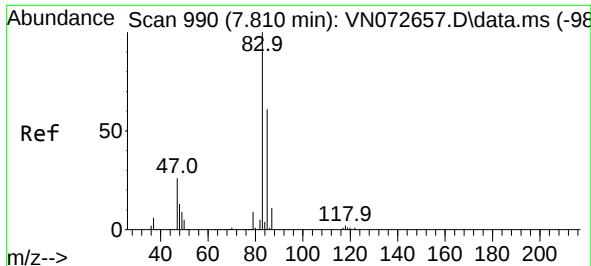
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022



#24
Methyl tert-Butyl Ether
Concen: 19.776 ug/l
RT: 5.604 min Scan# 615
Delta R.T. 0.000 min
Lab File: VN072665.D
Acq: 06 Jun 2022 15:51

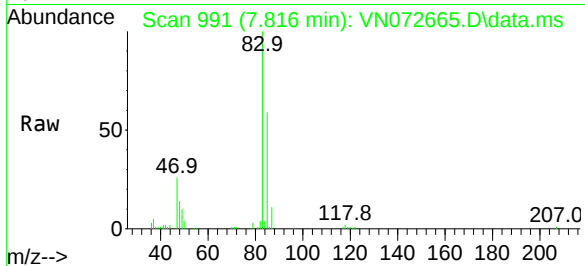
Tgt Ion: 73 Resp: 233250
Ion Ratio Lower Upper
73 100
43 24.8 18.1 27.1





#25
Chloroform
Concen: 19.358 ug/l
RT: 7.816 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN072665.D
Acq: 06 Jun 2022 15:51

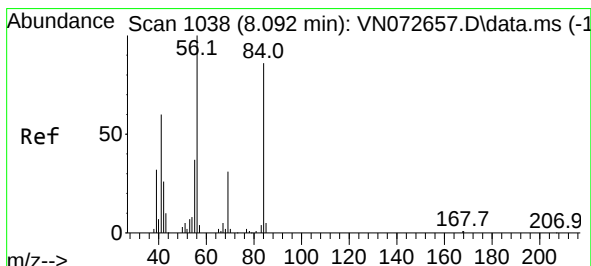
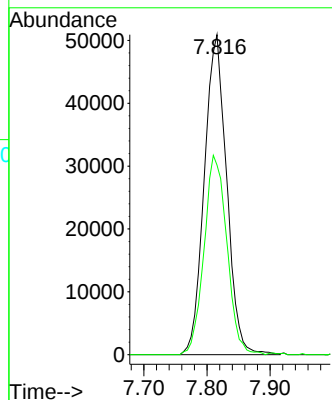
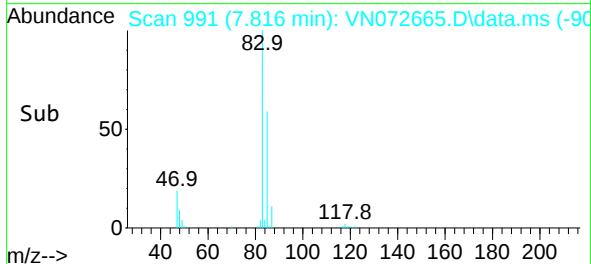
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



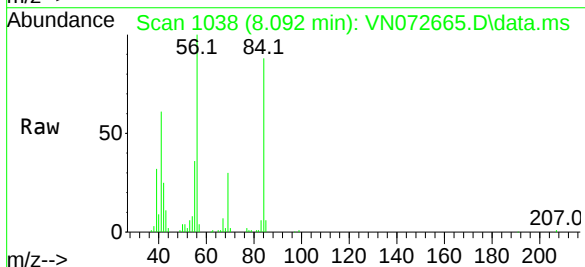
Tgt Ion: 83 Resp: 12535
Ion Ratio Lower Upper
83 100
85 59.3 51.3 76.9

Manual Integrations
APPROVED

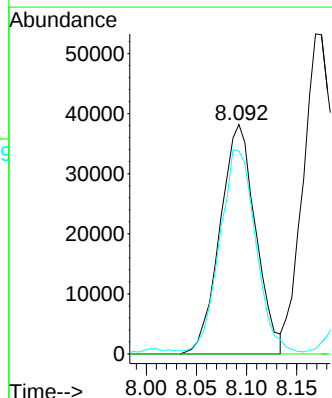
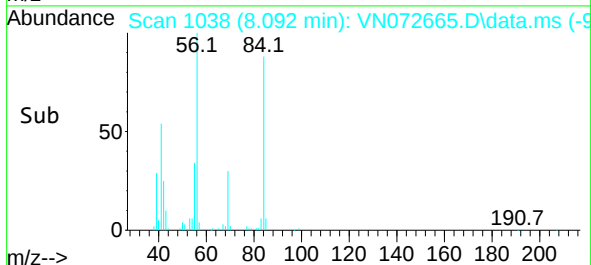
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022

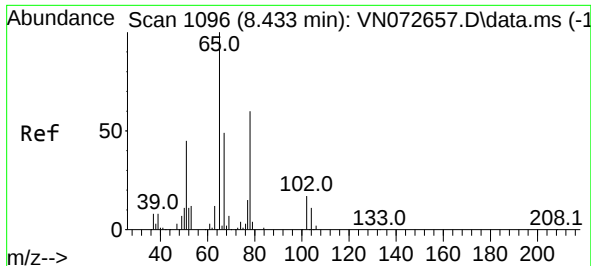


#26
Cyclohexane
Concen: 17.977 ug/l
RT: 8.092 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VN072665.D
Acq: 06 Jun 2022 15:51



Tgt Ion: 56 Resp: 94488
Ion Ratio Lower Upper
56 100
89 0.0 0.1 0.1#
84 91.3 74.6 111.8





#27

1,2-Dichloroethane-d4

Concen: 30.946 ug/l

RT: 8.433 min Scan# 1096

Delta R.T. 0.000 min

Lab File: VN072665.D

Acq: 06 Jun 2022 15:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tgt Ion: 65 Resp: 14167

Ion Ratio Lower Upper

65 100

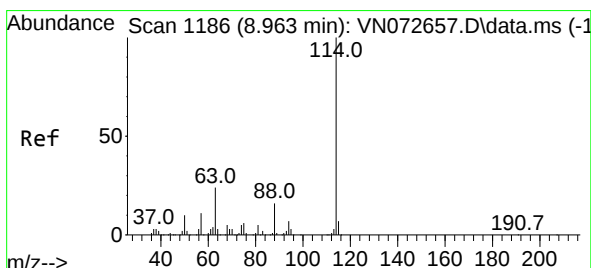
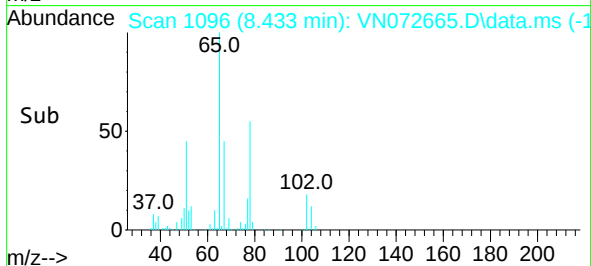
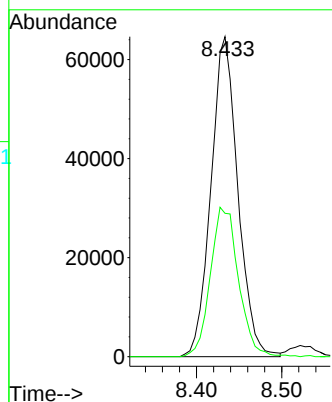
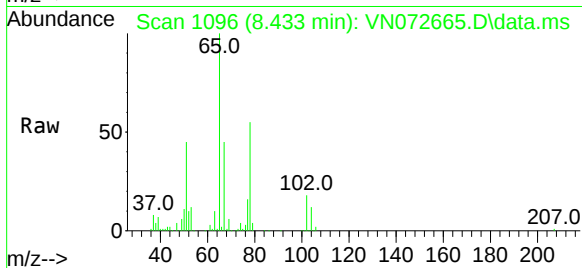
67 48.6 40.2 60.2

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: VN072665.D

Acq: 06 Jun 2022 15:51

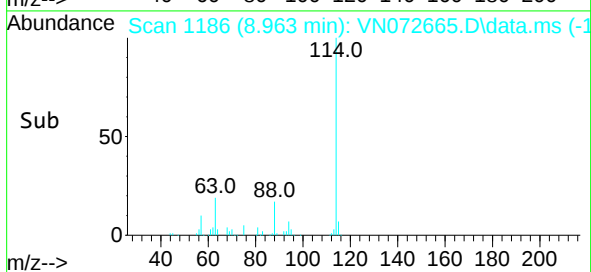
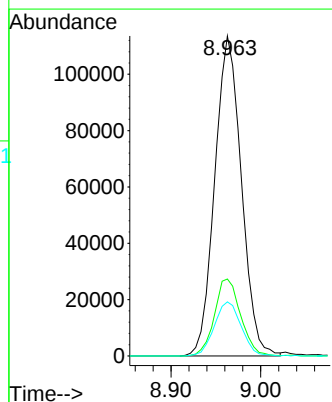
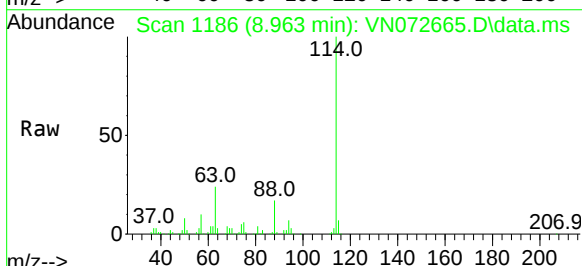
Tgt Ion:114 Resp: 234119

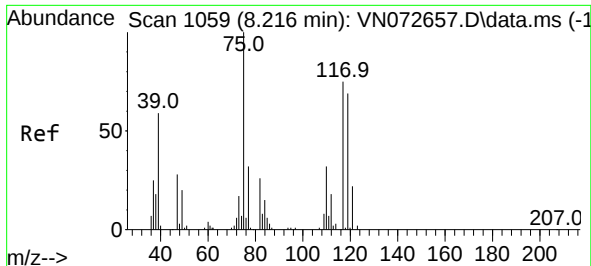
Ion Ratio Lower Upper

114 100

63 23.7 15.8 23.6

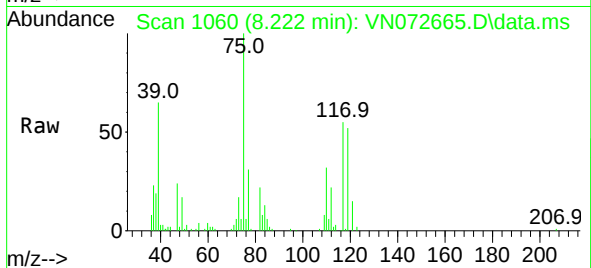
88 17.1 11.6 17.4





#29
1,1-Dichloropropene
Concen: 18.212 ug/l
RT: 8.222 min Scan# 1060
Delta R.T. 0.006 min
Lab File: VN072665.D
Acq: 06 Jun 2022 15:51

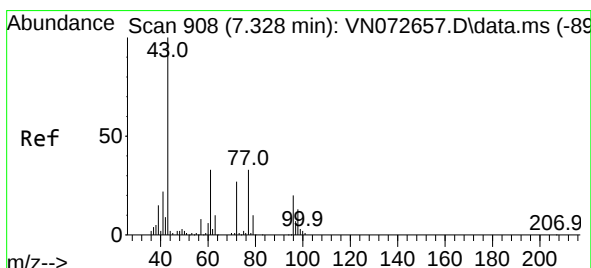
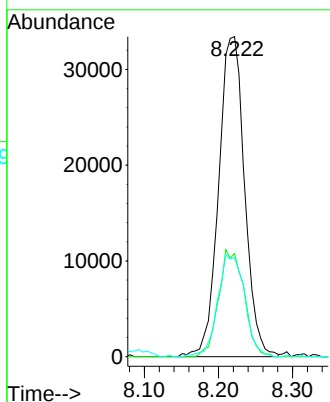
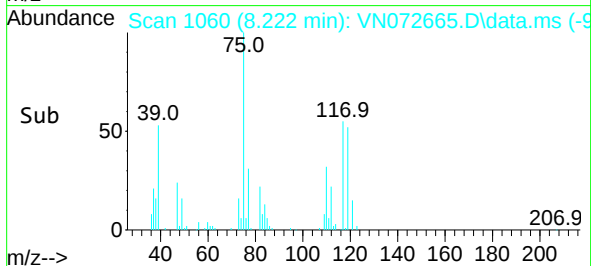
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



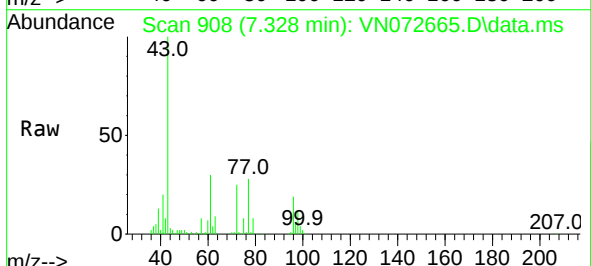
Tgt Ion: 75 Resp: 81279
Ion Ratio Lower Upper
75 100
110 32.8 0.0 74.2
77 32.9 0.0 63.2

Manual Integrations
APPROVED

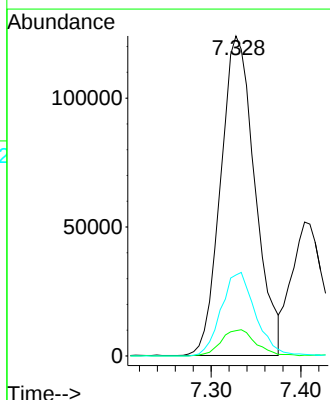
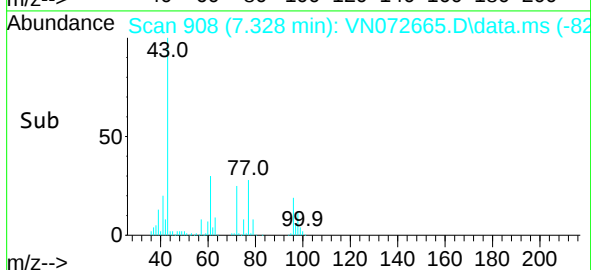
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022



#30
2-Butanone
Concen: 101.865 ug/l
RT: 7.328 min Scan# 908
Delta R.T. 0.000 min
Lab File: VN072665.D
Acq: 06 Jun 2022 15:51



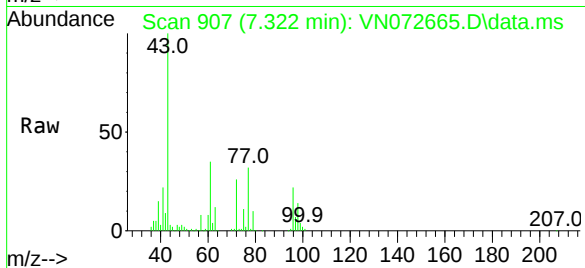
Tgt Ion: 43 Resp: 329004
Ion Ratio Lower Upper
43 100
57 8.3 6.7 10.1
72 26.3 23.2 34.8





#31
2,2-Dichloropropane
Concen: 18.087 ug/l
RT: 7.322 min Scan# 906
Delta R.T. 0.006 min
Lab File: VN072665.D
Acq: 06 Jun 2022 15:51

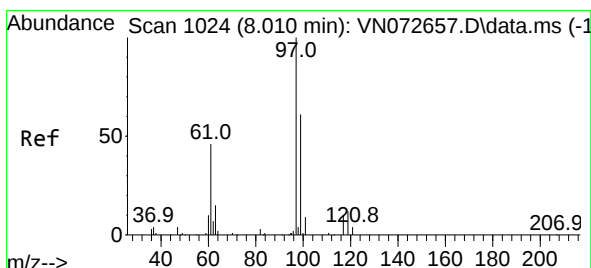
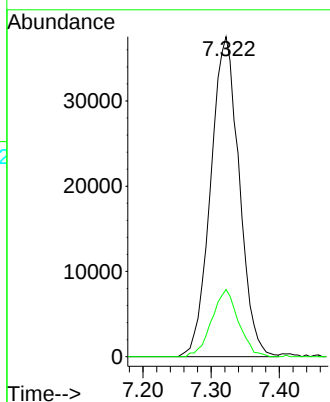
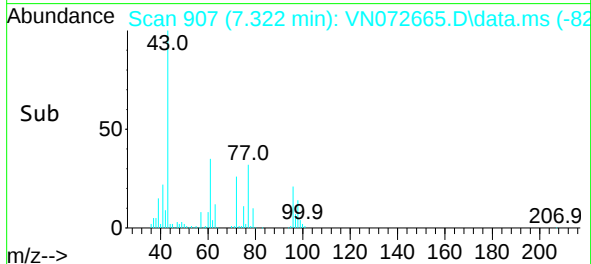
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



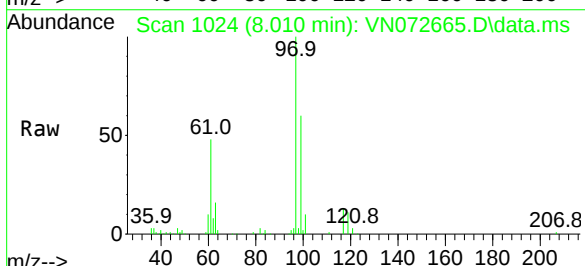
Tgt Ion: 77 Resp: 109264
Ion Ratio Lower Upper
77 100
97 19.7 18.3 27.5

Manual Integrations
APPROVED

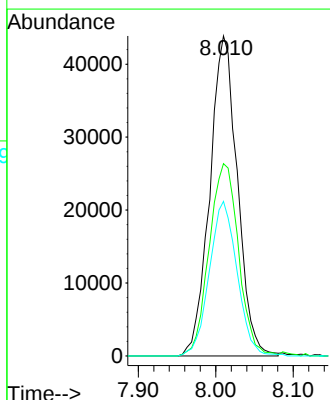
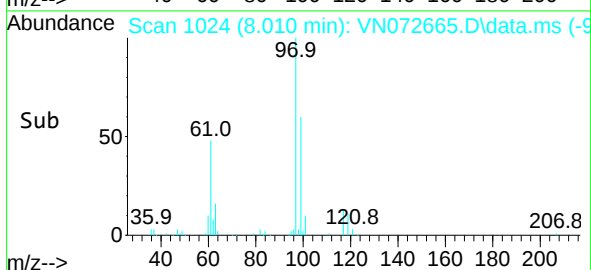
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022

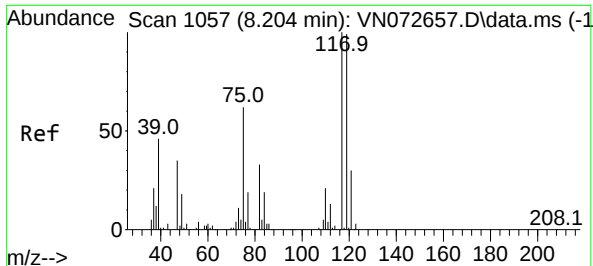


#32
1,1,1-Trichloroethane
Concen: 18.593 ug/l
RT: 8.010 min Scan# 1024
Delta R.T. 0.000 min
Lab File: VN072665.D
Acq: 06 Jun 2022 15:51



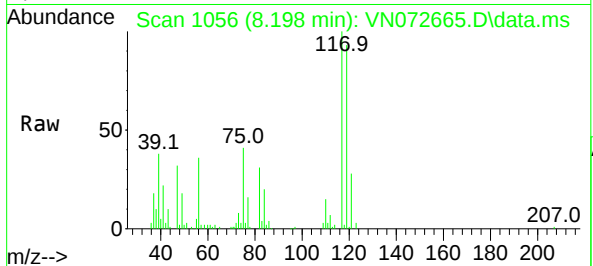
Tgt Ion: 97 Resp: 108572
Ion Ratio Lower Upper
97 100
99 64.0 50.4 75.6
61 48.5 34.6 51.8





#33
Carbon Tetrachloride
Concen: 18.466 ug/l
RT: 8.198 min Scan# 11056
Delta R.T. -0.006 min
Lab File: VN072665.D
Acq: 06 Jun 2022 15:51

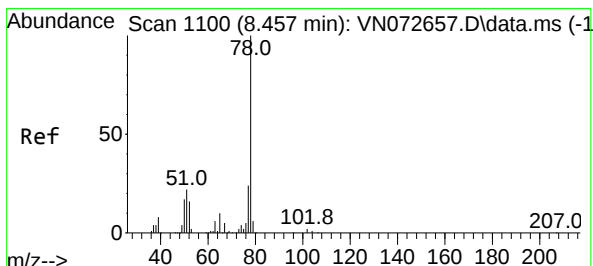
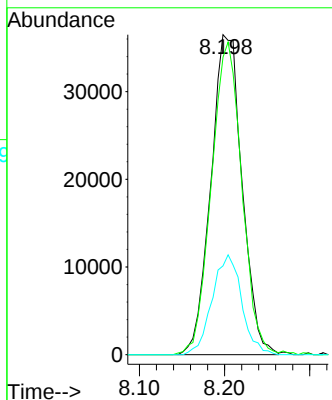
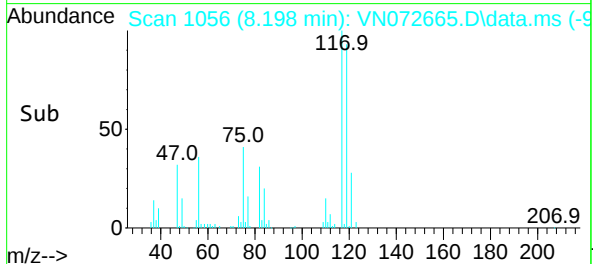
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



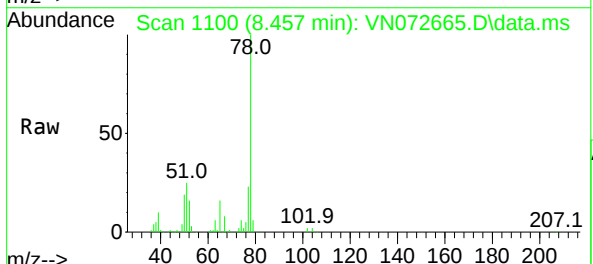
Tgt Ion: 117 Resp: 92990
Ion Ratio Lower Upper
117 100
119 92.4 77.5 116.3
121 27.8 23.5 35.3

Manual Integrations
APPROVED

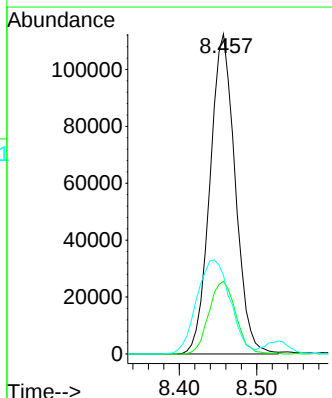
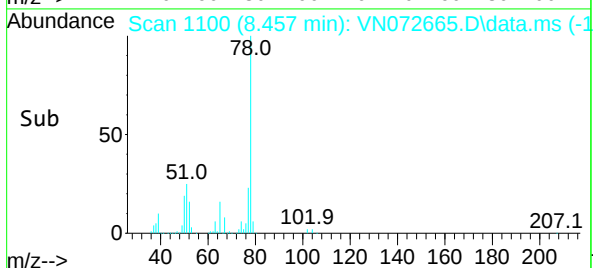
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022



#34
Benzene
Concen: 19.245 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN072665.D
Acq: 06 Jun 2022 15:51



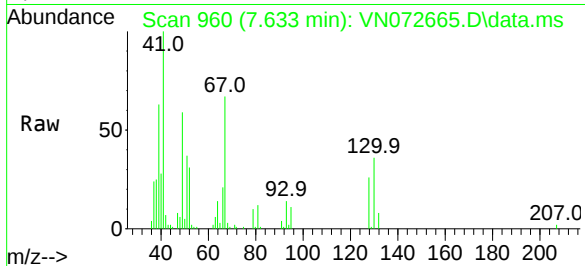
Tgt Ion: 78 Resp: 254096
Ion Ratio Lower Upper
78 100
77 22.7 19.1 28.7
51 23.3 16.0 24.0





#35
Methacrylonitrile
Concen: 18.899 ug/l
RT: 7.633 min Scan# 959
Delta R.T. 0.006 min
Lab File: VN072665.D
Acq: 06 Jun 2022 15:51

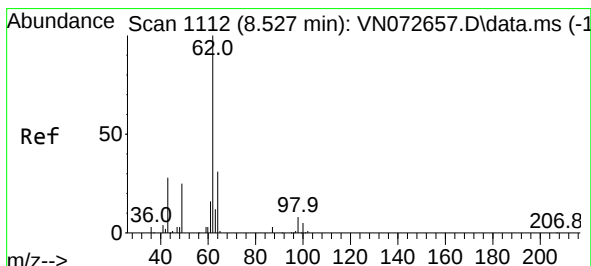
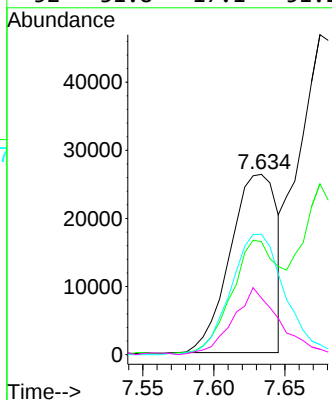
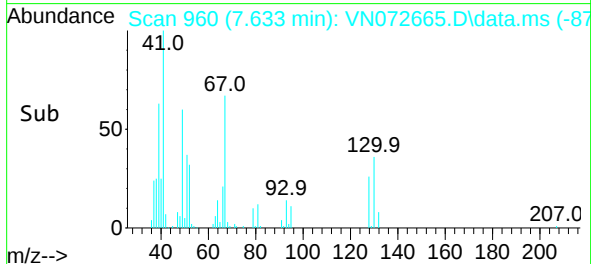
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



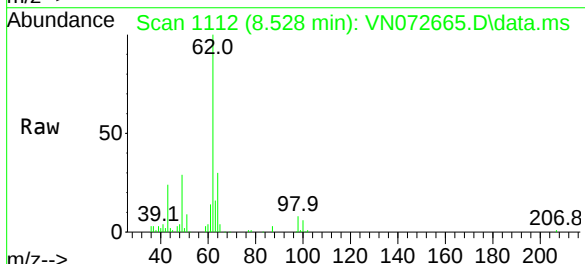
Tgt Ion: 41 Resp: 59852
Ion Ratio Lower Upper
41 100
39 62.3 28.0 83.9
67 67.6 37.7 113.1
52 31.8 17.1 51.2

Manual Integrations
APPROVED

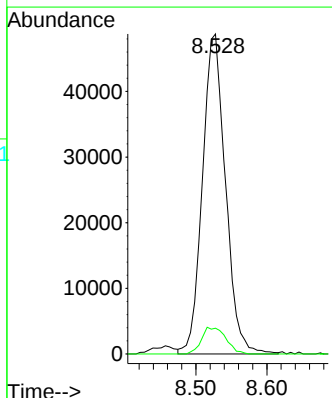
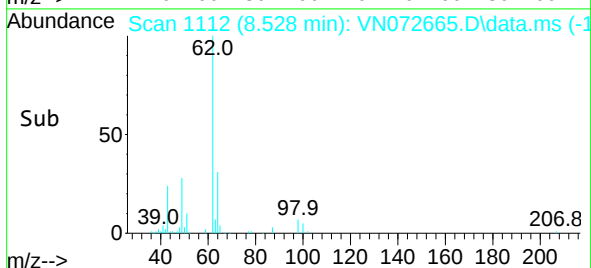
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022

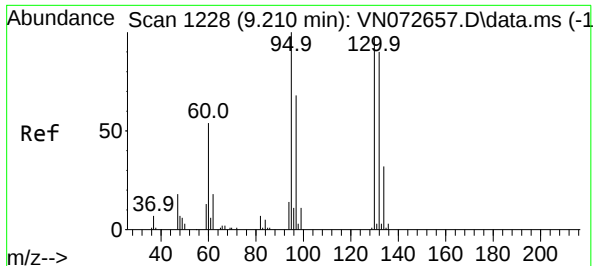


#36
1,2-Dichloroethane
Concen: 19.746 ug/l
RT: 8.528 min Scan# 1112
Delta R.T. 0.000 min
Lab File: VN072665.D
Acq: 06 Jun 2022 15:51



Tgt Ion: 62 Resp: 110147
Ion Ratio Lower Upper
62 100
98 8.8 6.6 10.0





#37

Trichloroethene

Concen: 18.298 ug/l

RT: 9.210 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VN072665.D

Acq: 06 Jun 2022 15:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tgt Ion:130 Resp: 5824

Ion Ratio Lower Upper

130 100

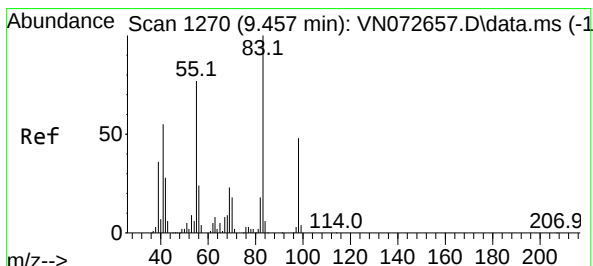
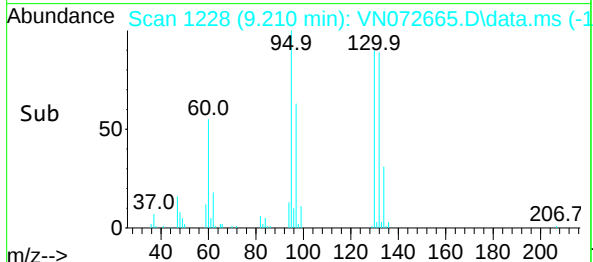
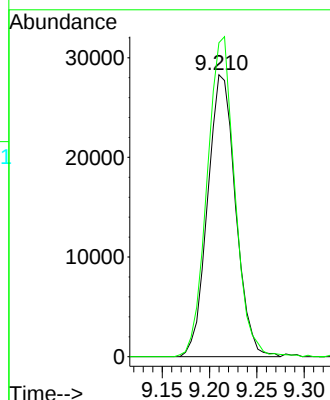
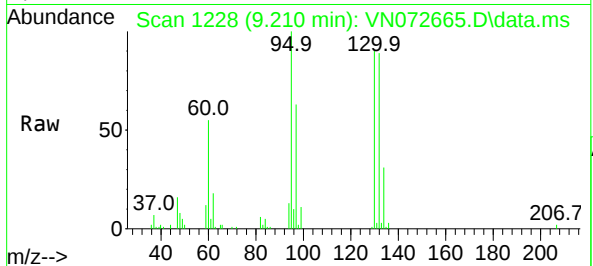
95 110.6 76.6 115.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/07/2022

Supervised By :Mahesh Dadoda 06/07/2022



#38

Methylcyclohexane

Concen: 18.781 ug/l

RT: 9.457 min Scan# 1270

Delta R.T. 0.000 min

Lab File: VN072665.D

Acq: 06 Jun 2022 15:51

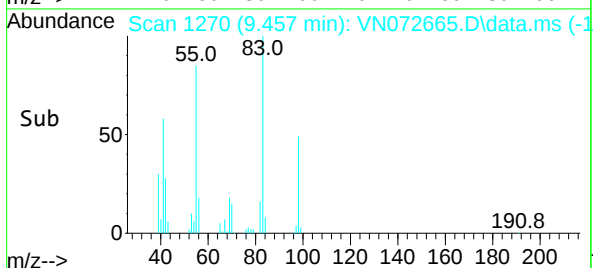
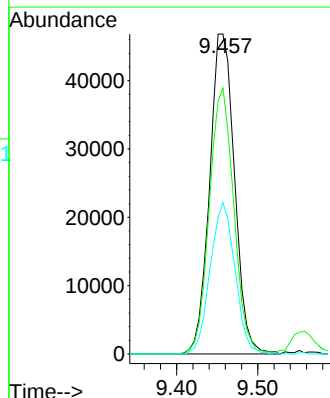
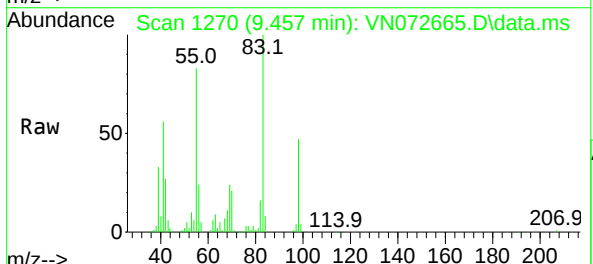
Tgt Ion: 83 Resp: 100058

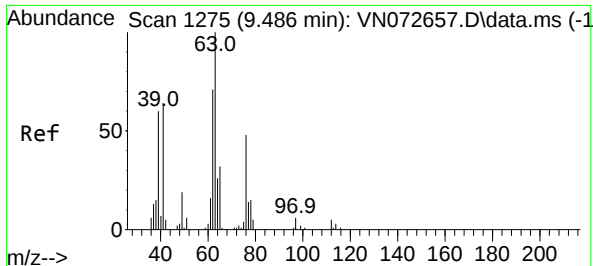
Ion Ratio Lower Upper

83 100

55 81.5 35.1 105.3

98 46.9 23.4 70.2





#39

1,2-Dichloropropane

Concen: 19.686 ug/l

RT: 9.486 min Scan# 1275

Delta R.T. 0.000 min

Lab File: VN072665.D

Acq: 06 Jun 2022 15:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tgt Ion: 63 Resp: 7140

Ion Ratio Lower Upper

63 100

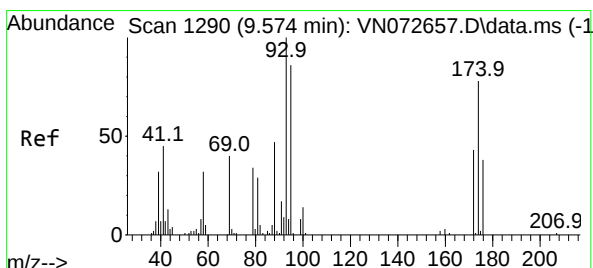
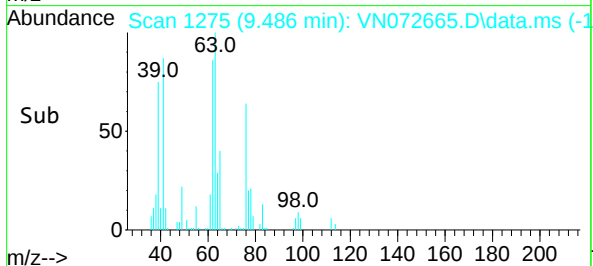
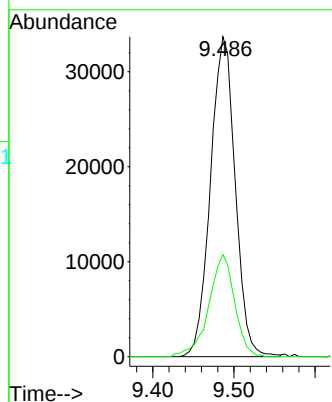
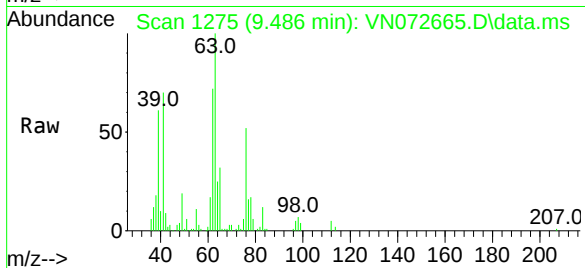
65 31.9 24.2 36.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/07/2022

Supervised By :Mahesh Dadoda 06/07/2022



#40

Dibromomethane

Concen: 20.000 ug/l

RT: 9.575 min Scan# 1290

Delta R.T. 0.000 min

Lab File: VN072665.D

Acq: 06 Jun 2022 15:51

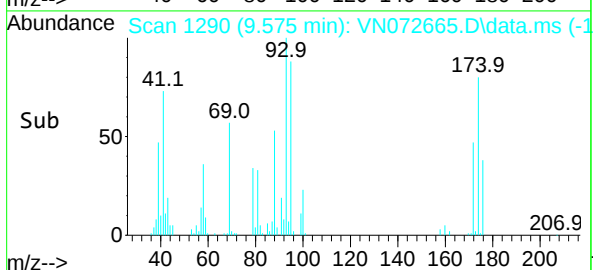
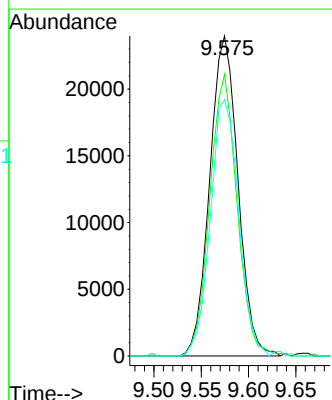
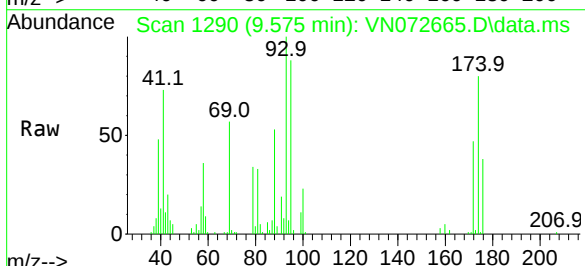
Tgt Ion: 93 Resp: 49801

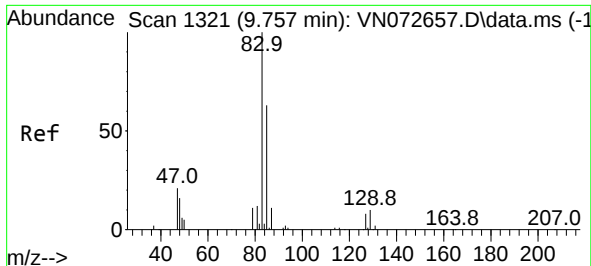
Ion Ratio Lower Upper

93 100

95 85.2 0.0 168.8

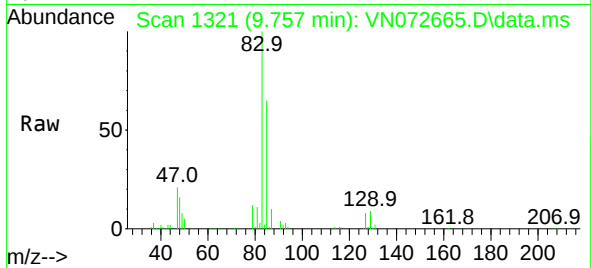
174 80.3 0.0 173.6





#41
Bromodichloromethane
Concen: 19.997 ug/l
RT: 9.757 min Scan# 1321
Delta R.T. 0.000 min
Lab File: VN072665.D
Acq: 06 Jun 2022 15:51

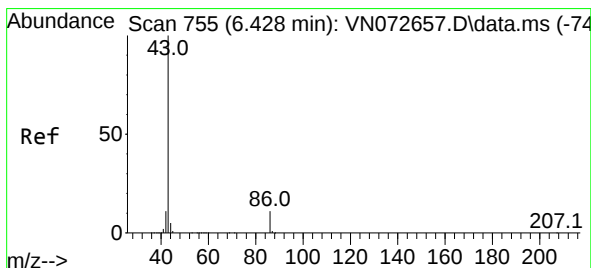
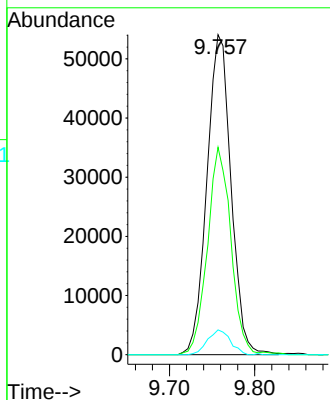
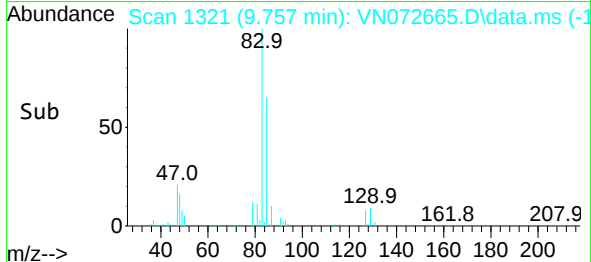
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



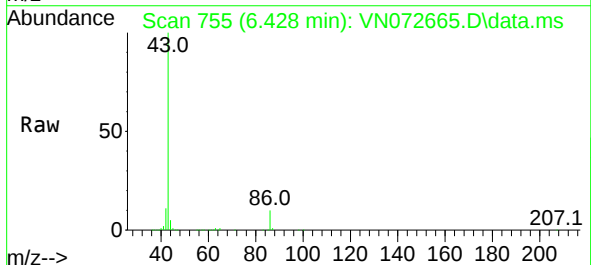
Tgt Ion: 83 Resp: 106512
Ion Ratio Lower Upper
83 100
85 64.8 54.1 81.1
127 7.8 7.6 11.4

Manual Integrations
APPROVED

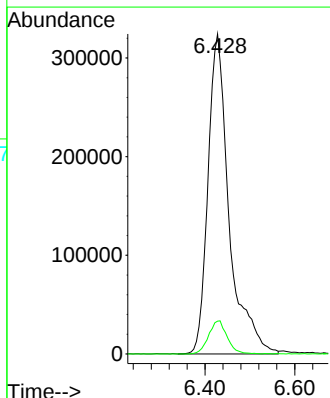
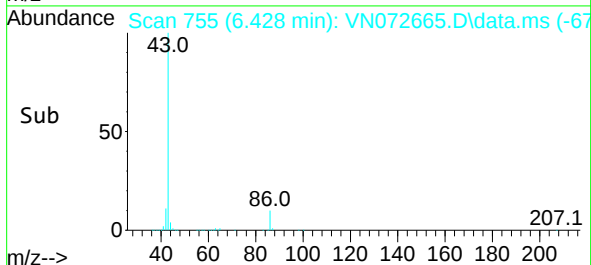
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022

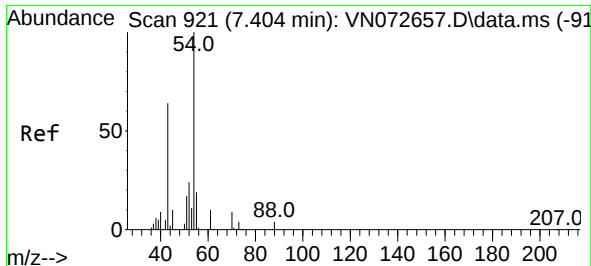


#42
Vinyl Acetate
Concen: 100.826 ug/l
RT: 6.428 min Scan# 755
Delta R.T. 0.000 min
Lab File: VN072665.D
Acq: 06 Jun 2022 15:51



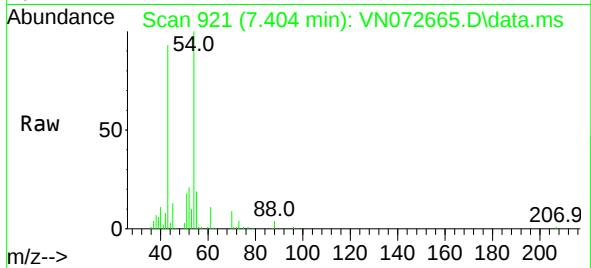
Tgt Ion: 43 Resp: 1060158
Ion Ratio Lower Upper
43 100
86 9.1 7.5 11.3





#43
Ethyl Acetate
Concen: 21.282 ug/l
RT: 7.404 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN072665.D
Acq: 06 Jun 2022 15:51

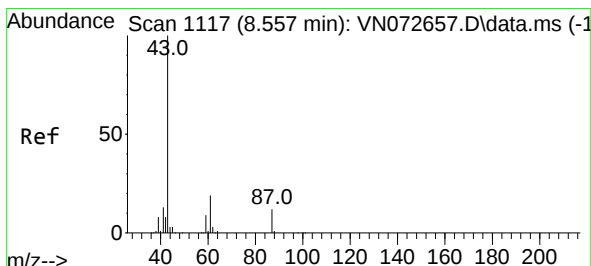
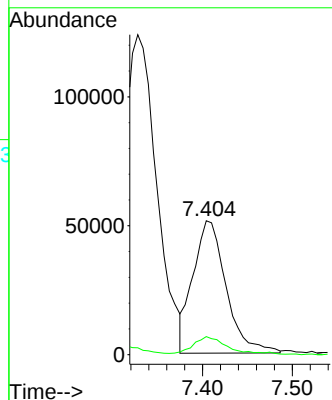
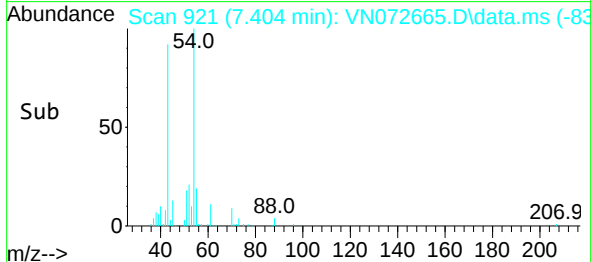
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



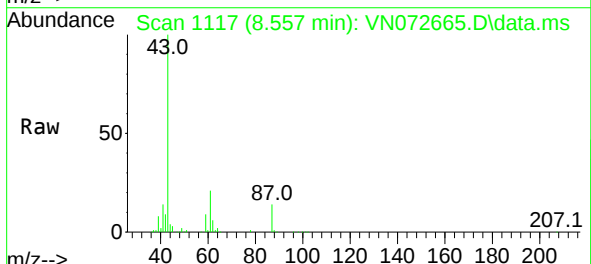
Tgt Ion: 43 Resp: 13169
Ion Ratio Lower Upper
43 100
45 11.8 10.6 16.0

Manual Integrations
APPROVED

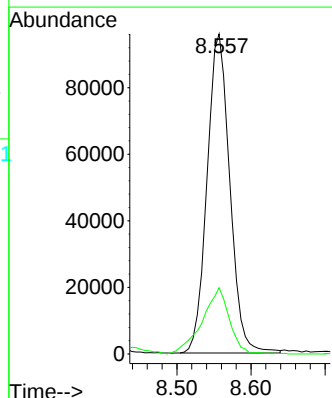
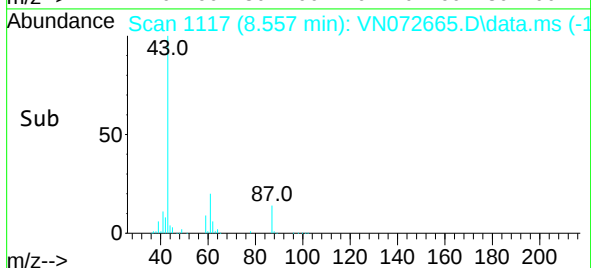
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022

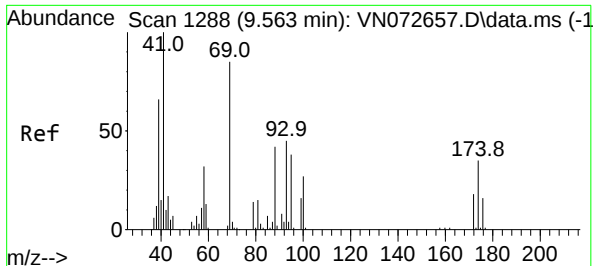


#44
Isopropyl Acetate
Concen: 19.929 ug/l
RT: 8.557 min Scan# 1117
Delta R.T. 0.000 min
Lab File: VN072665.D
Acq: 06 Jun 2022 15:51



Tgt Ion: 43 Resp: 204564
Ion Ratio Lower Upper
43 100
61 24.5 20.1 30.1





#45

1,4-Dioxane

Concen: 419.323 ug/l

RT: 9.563 min Scan# 1288

Delta R.T. 0.000 min

Lab File: VN072665.D

Acq: 06 Jun 2022 15:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tgt Ion: 88 Resp: 35370

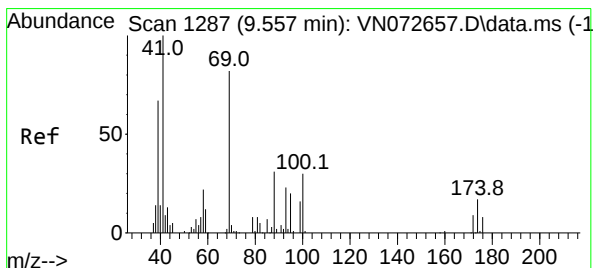
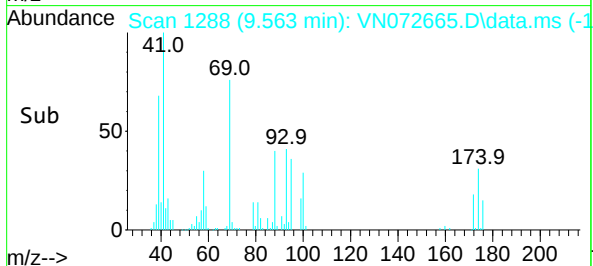
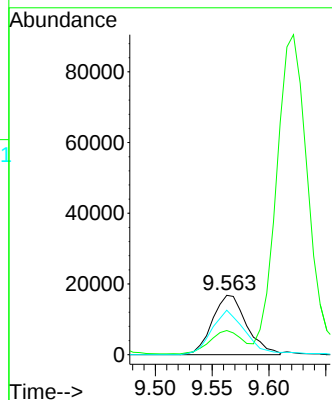
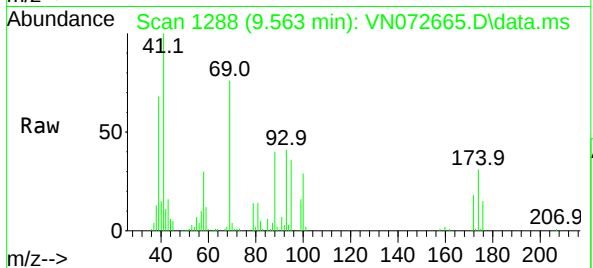
Ion	Ratio	Lower	Upper
88	100		
43	38.4	25.0	37.6
58	71.8	49.4	74.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/07/2022

Supervised By :Mahesh Dadoda 06/07/2022



#46

Methyl methacrylate

Concen: 19.559 ug/l

RT: 9.557 min Scan# 1287

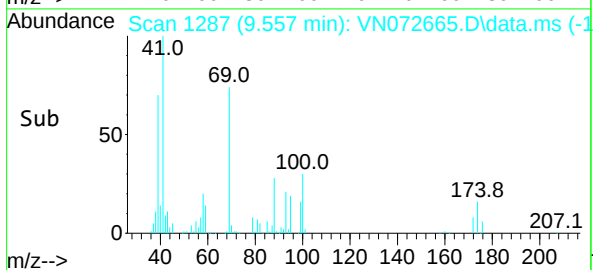
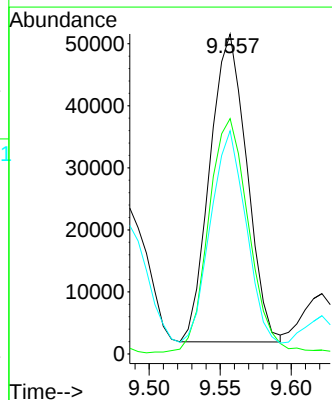
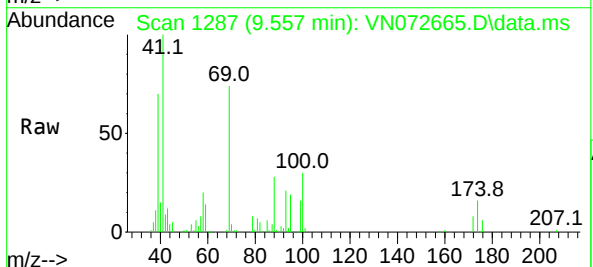
Delta R.T. 0.000 min

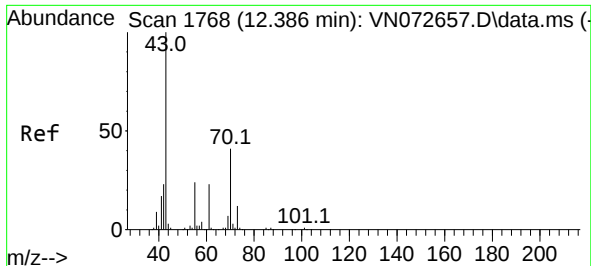
Lab File: VN072665.D

Acq: 06 Jun 2022 15:51

Tgt Ion: 41 Resp: 89770

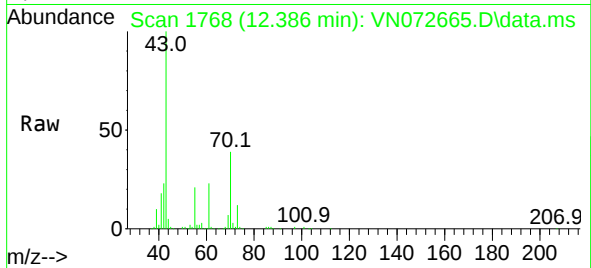
Ion	Ratio	Lower	Upper
41	100		
69	74.9	44.4	133.2
39	69.0	39.9	119.6





#47
n-amy1 Acetate
Concen: 18.404 ug/l
RT: 12.386 min Scan# 1768
Delta R.T. 0.000 min
Lab File: VN072665.D
Acq: 06 Jun 2022 15:51

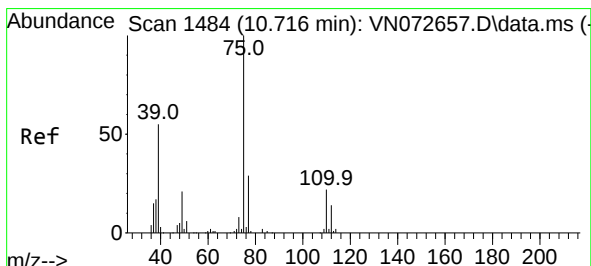
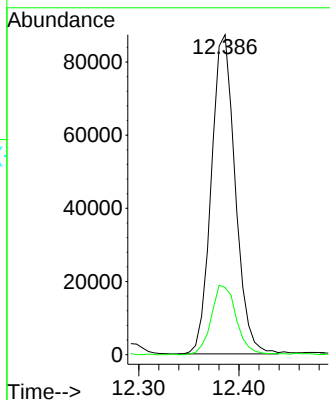
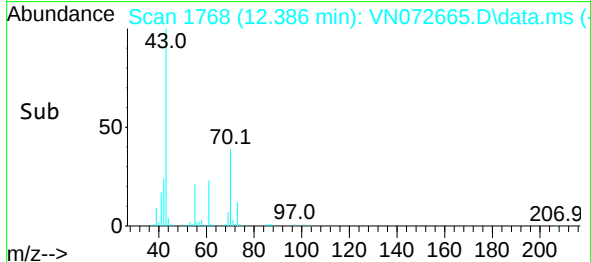
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



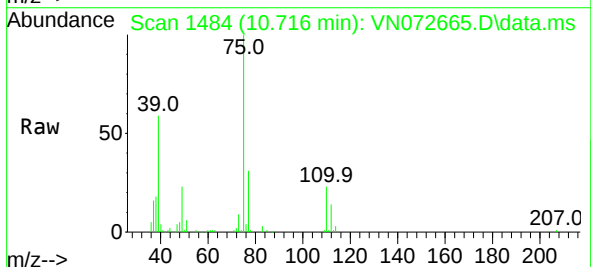
Tgt Ion: 43 Resp: 144628
Ion Ratio Lower Upper
43 100
55 22.8 19.0 28.6

Manual Integrations
APPROVED

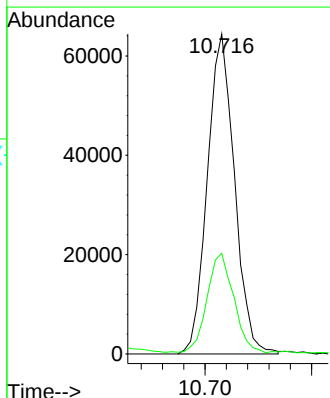
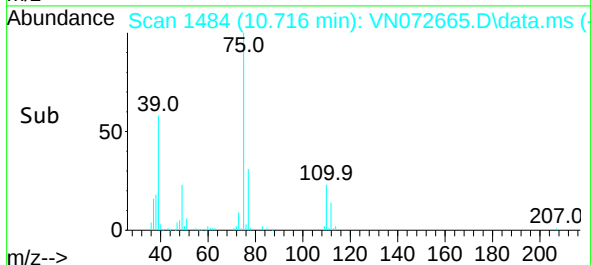
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022

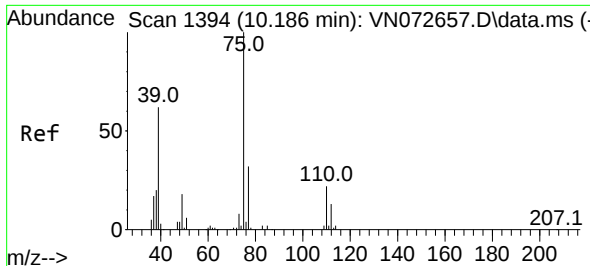


#48
t-1,3-Dichloropropene
Concen: 18.758 ug/l
RT: 10.716 min Scan# 1484
Delta R.T. 0.000 min
Lab File: VN072665.D
Acq: 06 Jun 2022 15:51



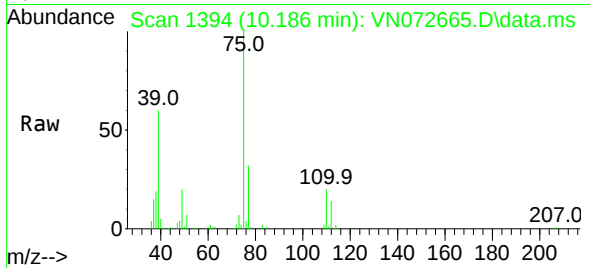
Tgt Ion: 75 Resp: 114040
Ion Ratio Lower Upper
75 100
77 30.9 25.3 37.9





#49
 cis-1,3-Dichloropropene
 Concen: 19.152 ug/l
 RT: 10.186 min Scan# 1394
 Delta R.T. 0.000 min
 Lab File: VN072665.D
 Acq: 06 Jun 2022 15:51

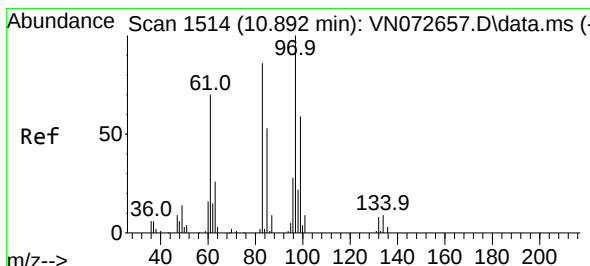
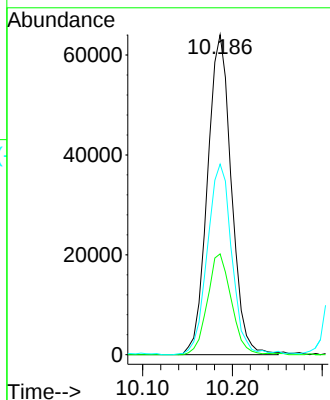
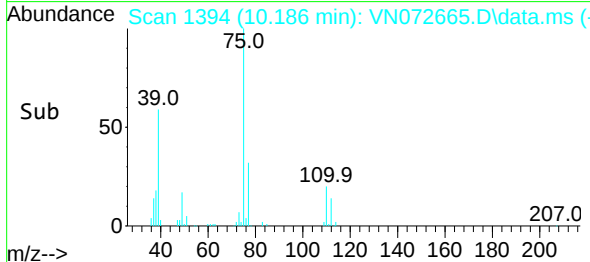
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020



Tgt Ion: 75 Resp: 11823
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.3 37.9
 39 59.3 46.2 69.4

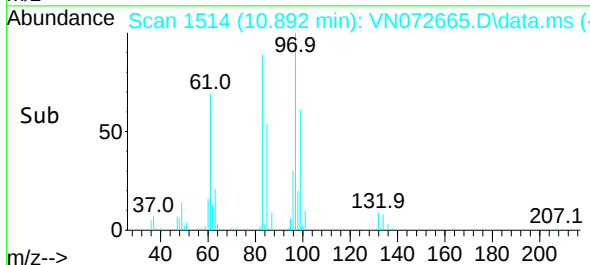
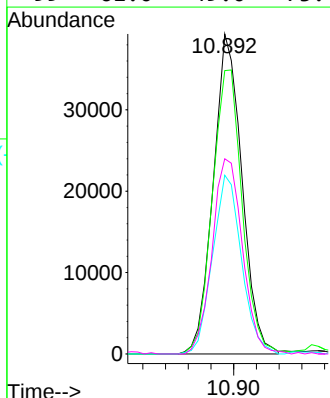
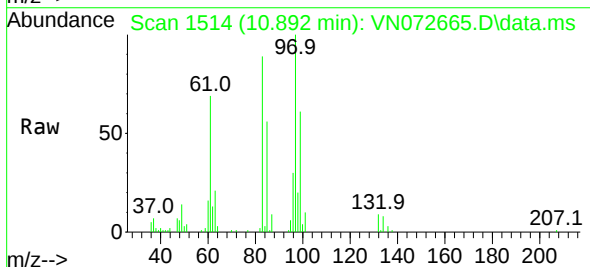
Manual Integrations
 APPROVED

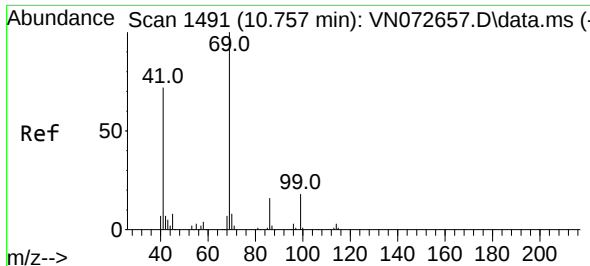
Reviewed By :John Carlone 06/07/2022
 Supervised By :Mahesh Dadoda 06/07/2022



#50
 1,1,2-Trichloroethane
 Concen: 19.589 ug/l
 RT: 10.892 min Scan# 1514
 Delta R.T. 0.000 min
 Lab File: VN072665.D
 Acq: 06 Jun 2022 15:51

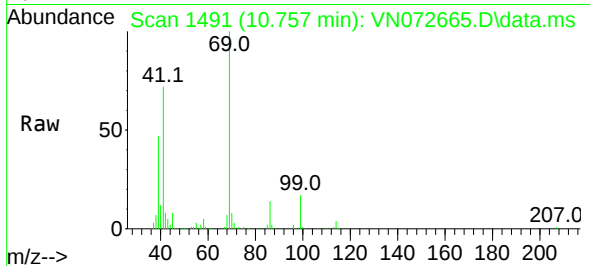
Tgt Ion: 97 Resp: 68960
 Ion Ratio Lower Upper
 97 100
 83 88.6 67.2 100.8
 85 55.9 43.0 64.4
 99 61.0 49.0 73.4





#51
Ethyl methacrylate
Concen: 20.008 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. 0.000 min
Lab File: VN072665.D
Acq: 06 Jun 2022 15:51

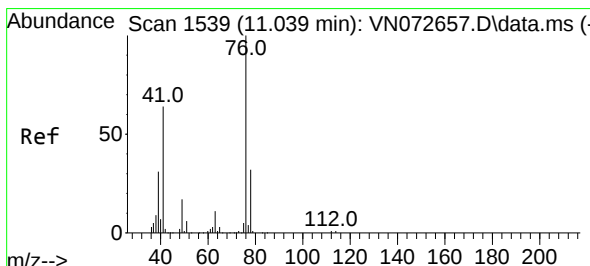
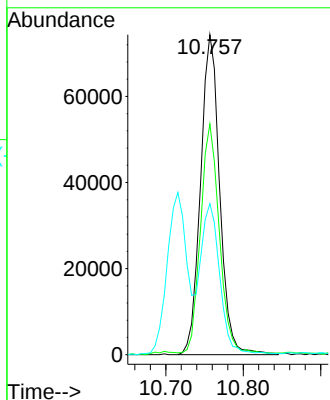
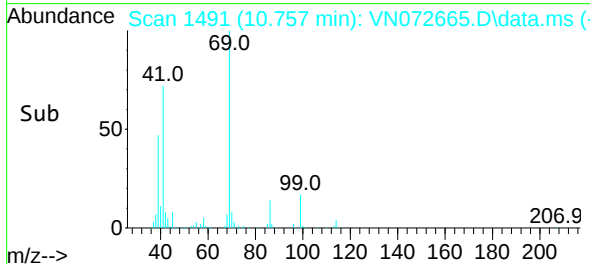
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion: 69 Resp: 12758
Ion Ratio Lower Upper
69 100
41 71.5 33.0 98.9
39 46.8 25.4 76.4

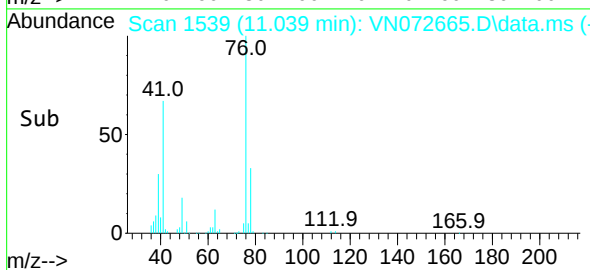
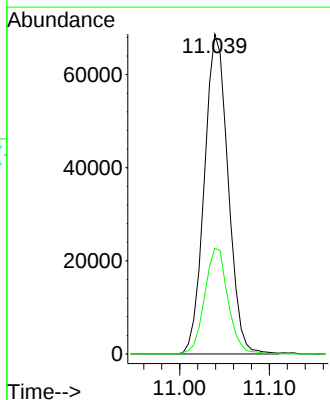
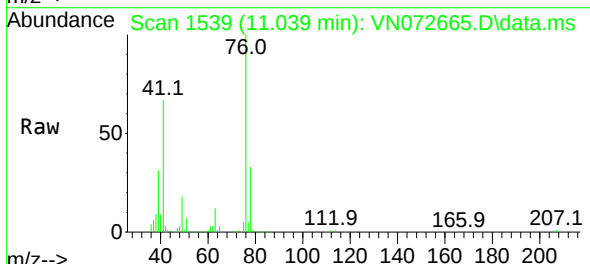
Manual Integrations
APPROVED

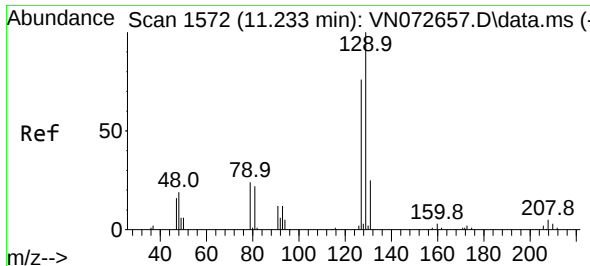
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022



#52
1,3-Dichloropropane
Concen: 20.143 ug/l
RT: 11.039 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VN072665.D
Acq: 06 Jun 2022 15:51

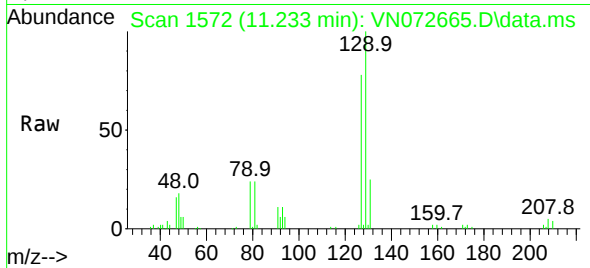
Tgt Ion: 76 Resp: 126193
Ion Ratio Lower Upper
76 100
78 32.4 0.0 65.4





#53
Dibromochloromethane
Concen: 19.420 ug/l
RT: 11.233 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN072665.D
Acq: 06 Jun 2022 15:51

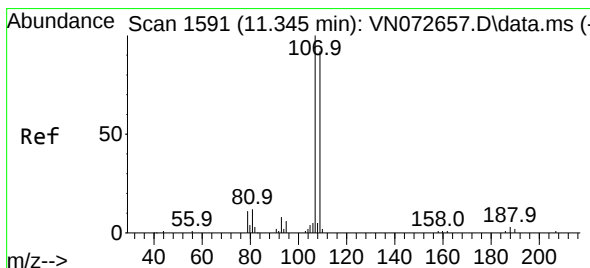
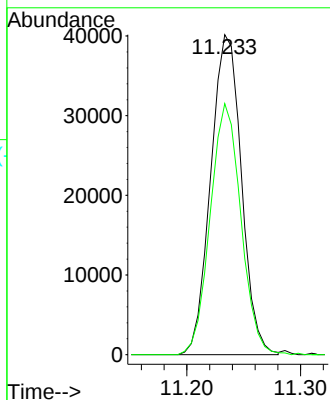
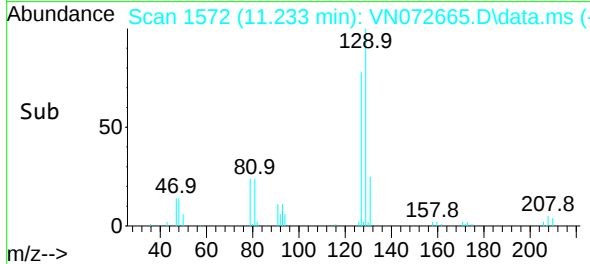
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



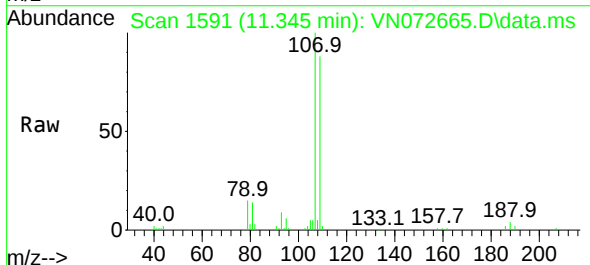
Tgt Ion:129 Resp: 7543
Ion Ratio Lower Upper
129 100
127 78.4 39.0 117.0

Manual Integrations
APPROVED

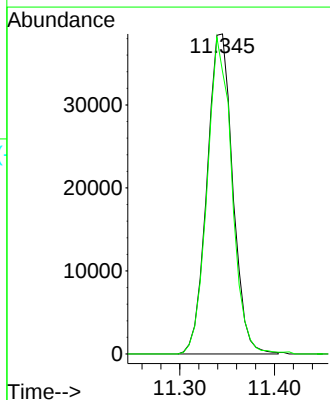
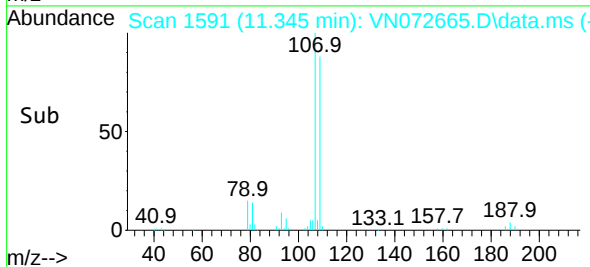
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022

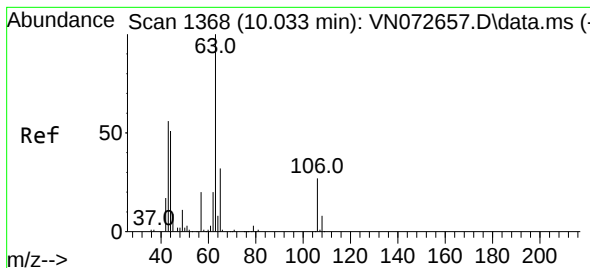


#54
1,2-Dibromoethane
Concen: 19.650 ug/l
RT: 11.345 min Scan# 1591
Delta R.T. 0.000 min
Lab File: VN072665.D
Acq: 06 Jun 2022 15:51



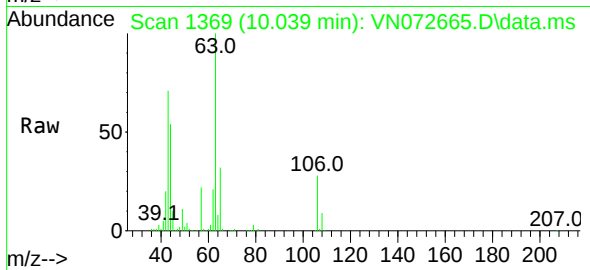
Tgt Ion:107 Resp: 72736
Ion Ratio Lower Upper
107 100
109 94.8 72.8 109.2





#55
2-Chloroethyl vinyl ether
Concen: 98.761 ug/l
RT: 10.039 min Scan# 1368
Delta R.T. 0.006 min
Lab File: VN072665.D
Acq: 06 Jun 2022 15:51

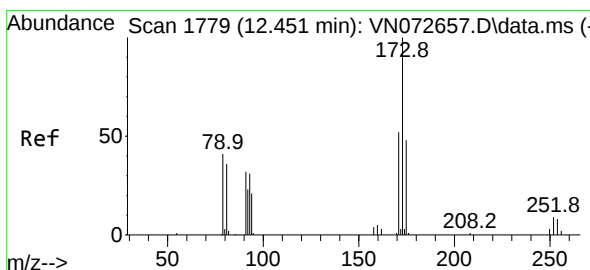
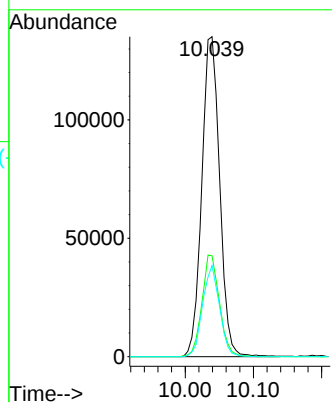
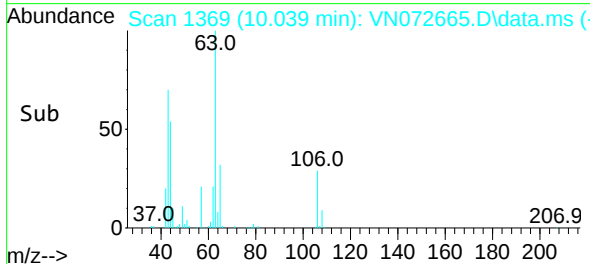
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion: 63 Resp: 246654
Ion Ratio Lower Upper
63 100
65 31.1 25.4 38.0
106 26.9 23.2 34.8

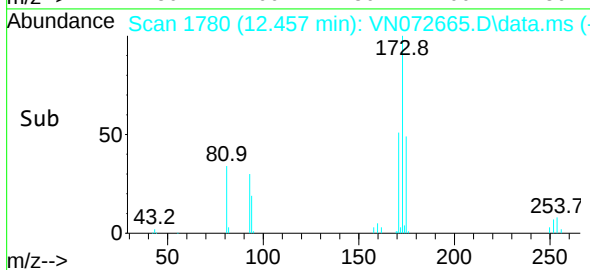
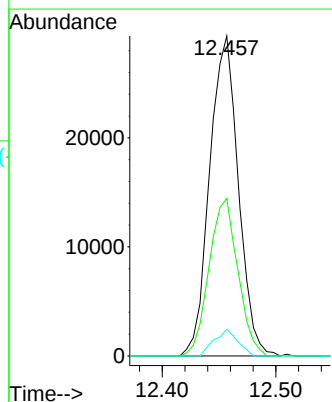
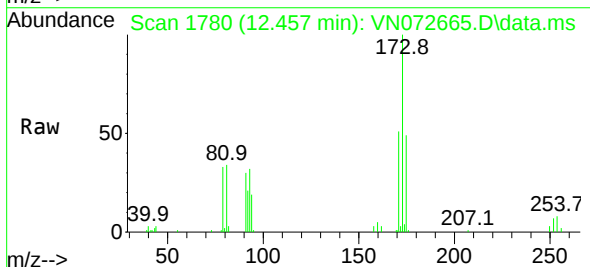
Manual Integrations
APPROVED

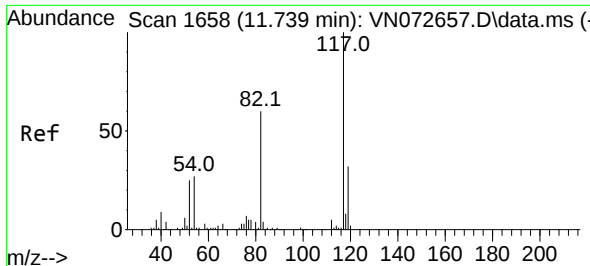
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022



#56
Bromoform
Concen: 19.040 ug/l
RT: 12.457 min Scan# 1780
Delta R.T. 0.006 min
Lab File: VN072665.D
Acq: 06 Jun 2022 15:51

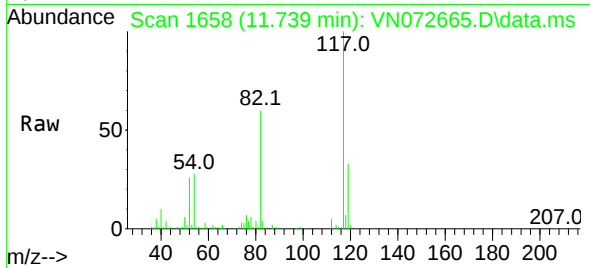
Tgt Ion:173 Resp: 51529
Ion Ratio Lower Upper
173 100
175 49.4 38.6 58.0
254 6.8 0.0 0.0#





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN072665.D
Acq: 06 Jun 2022 15:51

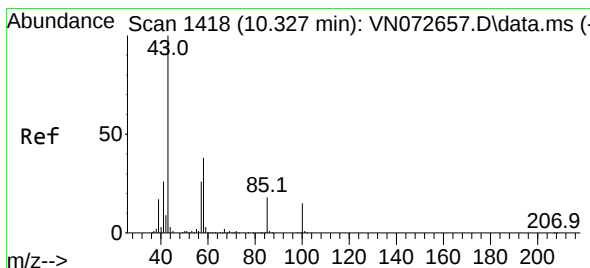
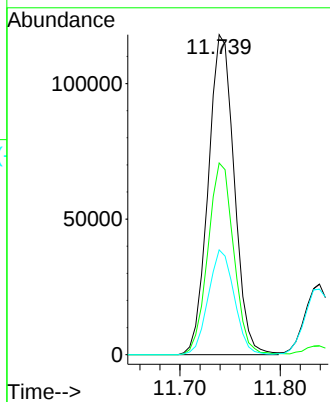
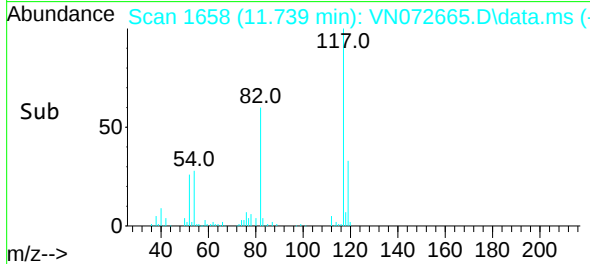
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



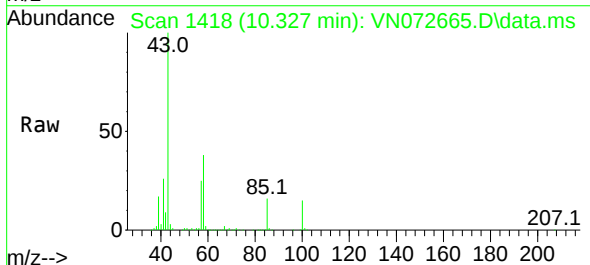
Tgt Ion: 117 Resp: 212875
Ion Ratio Lower Upper
117 100
82 59.6 43.6 65.4
119 32.7 25.8 38.6

Manual Integrations
APPROVED

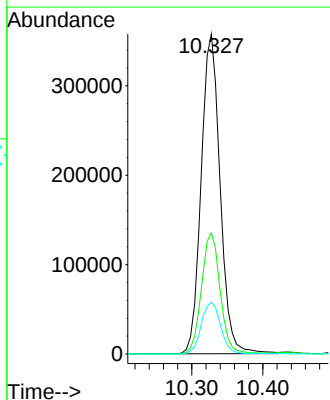
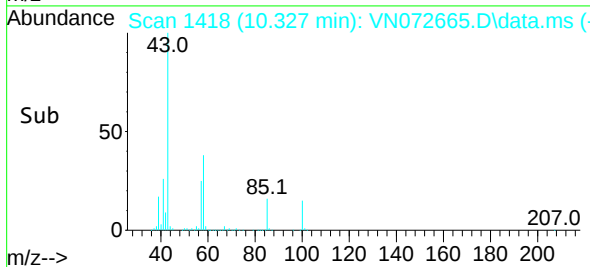
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022

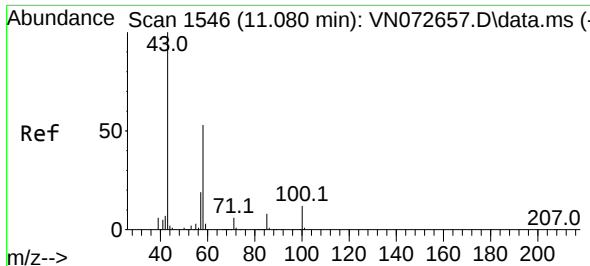


#58
4-Methyl-2-Pentanone
Concen: 104.073 ug/l
RT: 10.327 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VN072665.D
Acq: 06 Jun 2022 15:51



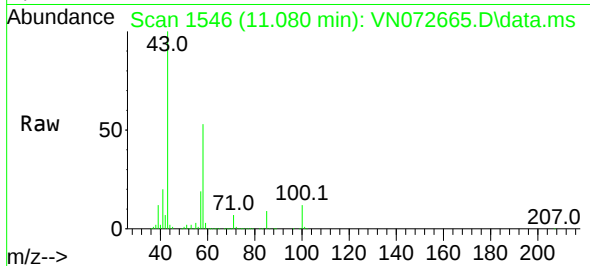
Tgt Ion: 43 Resp: 664495
Ion Ratio Lower Upper
43 100
58 37.5 30.0 45.0
85 16.6 15.0 22.6





#59
2-Hexanone
Concen: 102.852 ug/l
RT: 11.080 min Scan# 1546
Delta R.T. 0.000 min
Lab File: VN072665.D
Acq: 06 Jun 2022 15:51

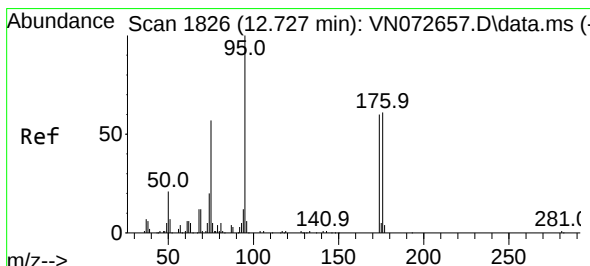
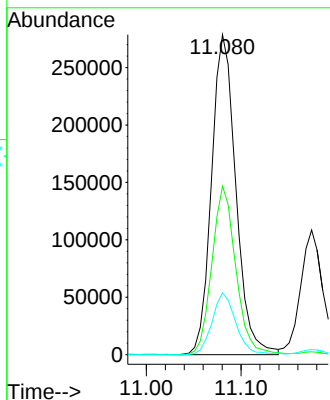
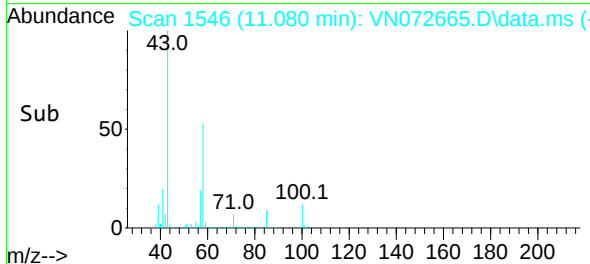
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



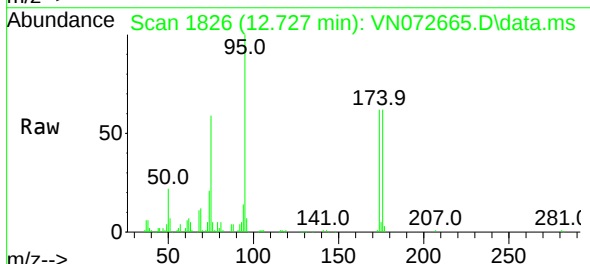
Tgt Ion: 43 Resp: 49787
Ion Ratio Lower Upper
43 100
58 51.6 42.2 63.2
57 18.8 15.0 22.4

Manual Integrations
APPROVED

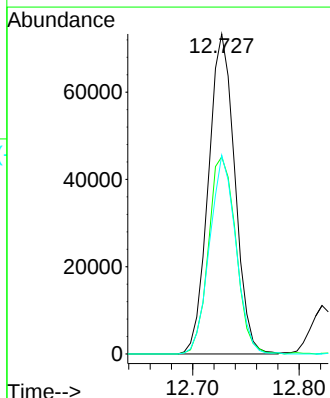
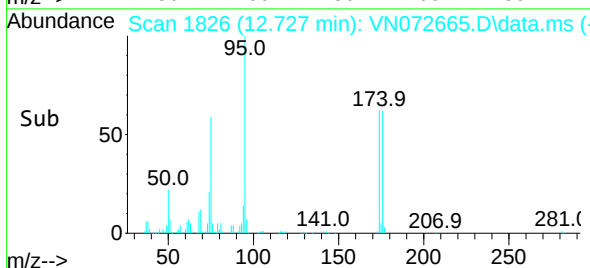
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022

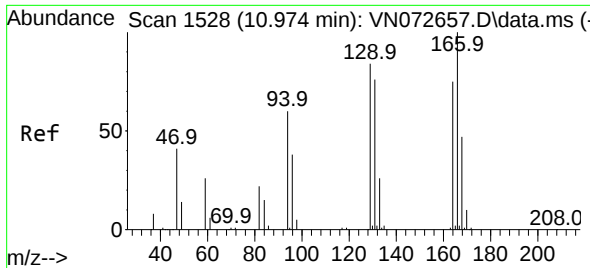


#60
4-Bromofluorobenzene
Concen: 28.857 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072665.D
Acq: 06 Jun 2022 15:51



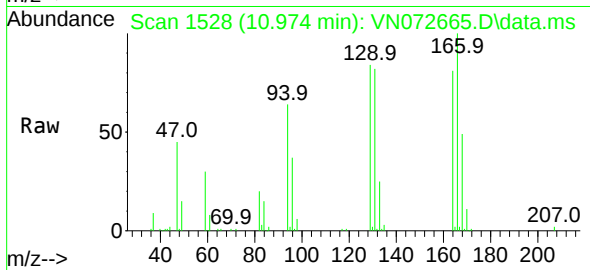
Tgt Ion: 95 Resp: 126345
Ion Ratio Lower Upper
95 100
174 63.7 62.9 94.3
176 61.3 61.0 91.4





#61
Tetrachloroethene
Concen: 20.392 ug/l
RT: 10.974 min Scan# 1528
Delta R.T. 0.000 min
Lab File: VN072665.D
Acq: 06 Jun 2022 15:51

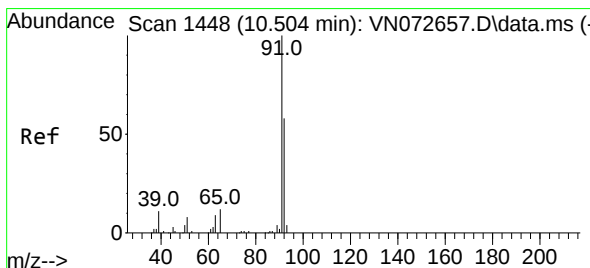
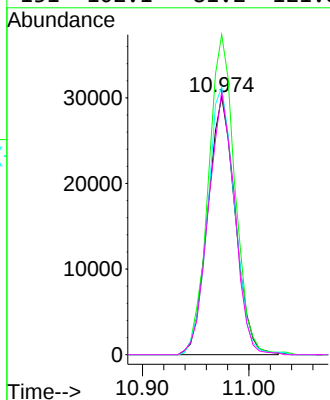
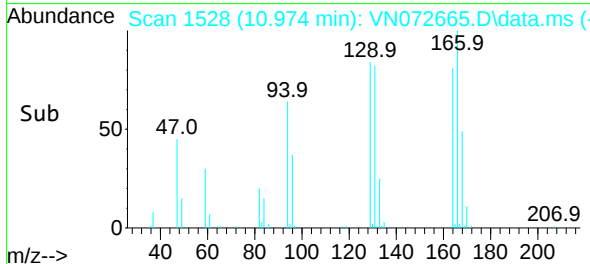
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion:164 Resp: 5372
Ion Ratio Lower Upper
164 100
166 124.1 105.8 158.8
129 103.8 82.5 123.7
131 102.1 81.2 121.8

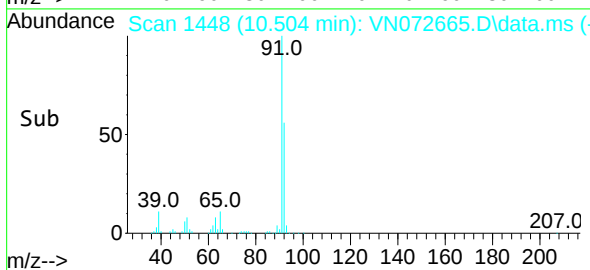
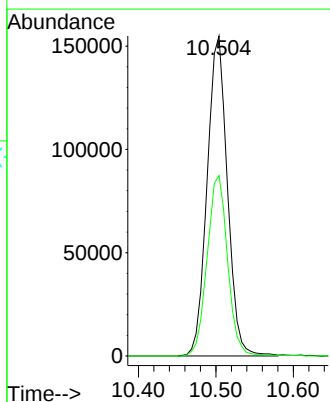
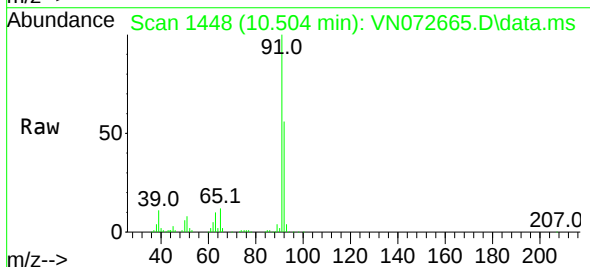
Manual Integrations
APPROVED

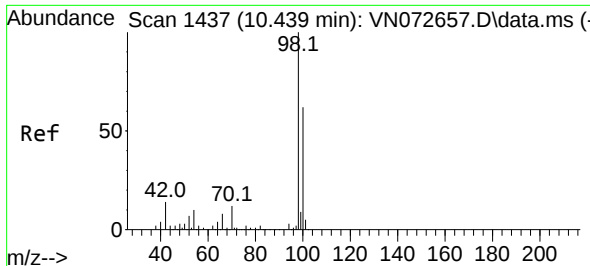
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022



#62
Toluene
Concen: 19.574 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN072665.D
Acq: 06 Jun 2022 15:51

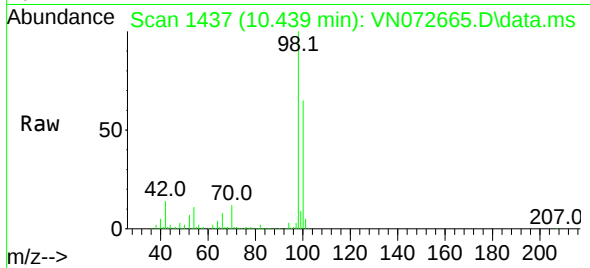
Tgt Ion: 91 Resp: 282532
Ion Ratio Lower Upper
91 100
92 56.9 44.6 67.0





#63
Toluene-d8
Concen: 30.185 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072665.D
Acq: 06 Jun 2022 15:51

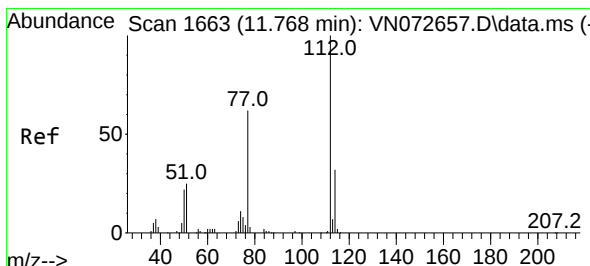
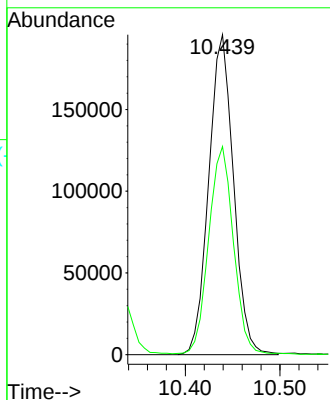
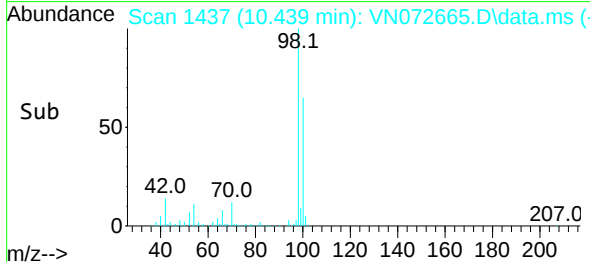
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



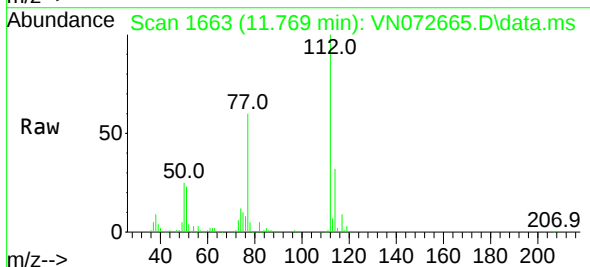
Tgt Ion: 98 Resp: 355940
Ion Ratio Lower Upper
98 100
100 64.1 50.6 76.0

Manual Integrations
APPROVED

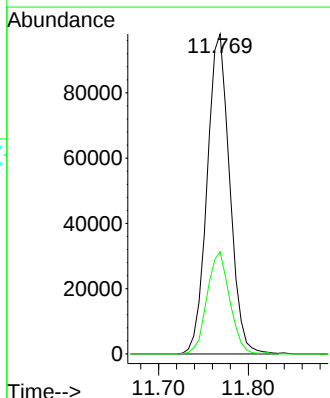
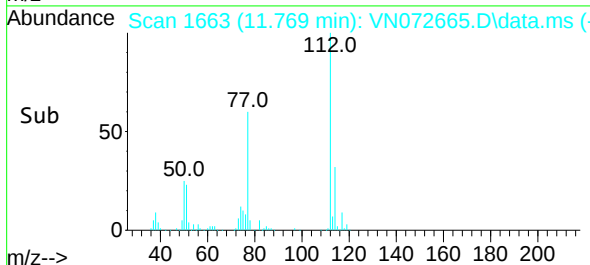
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022

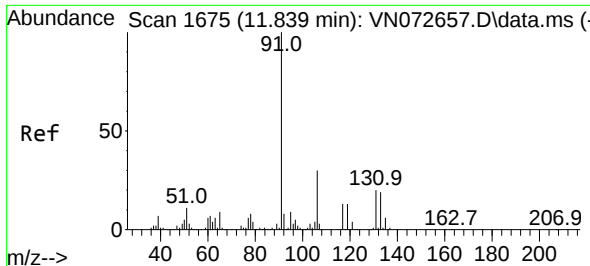


#64
Chlorobenzene
Concen: 19.456 ug/l
RT: 11.769 min Scan# 1663
Delta R.T. 0.000 min
Lab File: VN072665.D
Acq: 06 Jun 2022 15:51



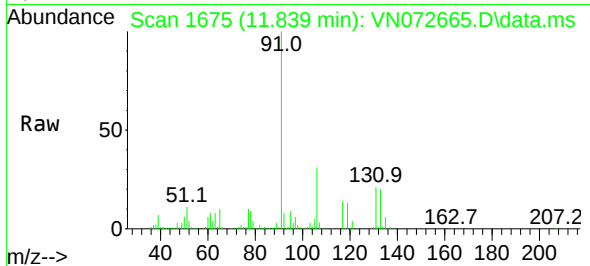
Tgt Ion:112 Resp: 170980
Ion Ratio Lower Upper
112 100
114 32.0 25.8 38.6





#65
1,1,1,2-Tetrachloroethane
Concen: 19.401 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN072665.D
Acq: 06 Jun 2022 15:51

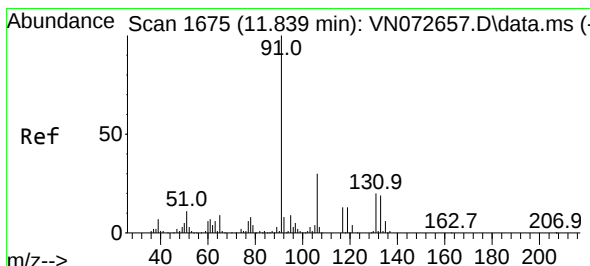
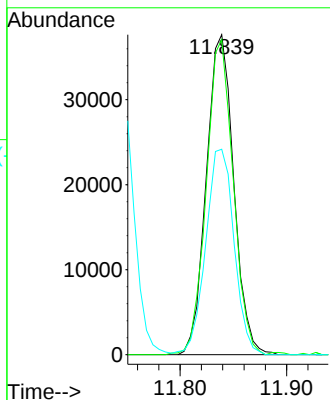
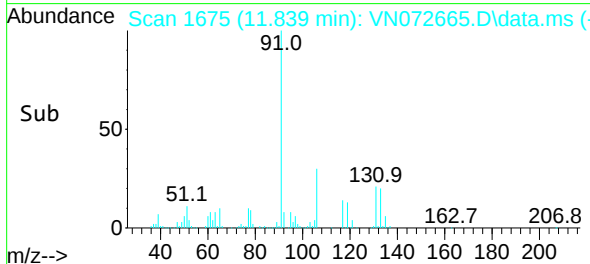
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion:131 Resp: 67220
Ion Ratio Lower Upper
131 100
133 96.3 0.0 191.2
119 66.4 0.0 128.8

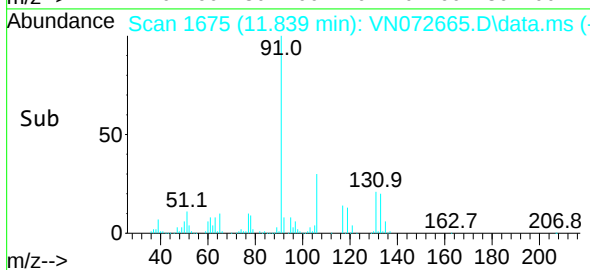
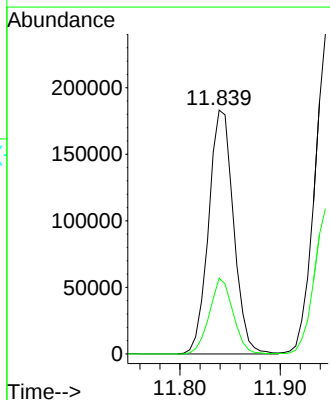
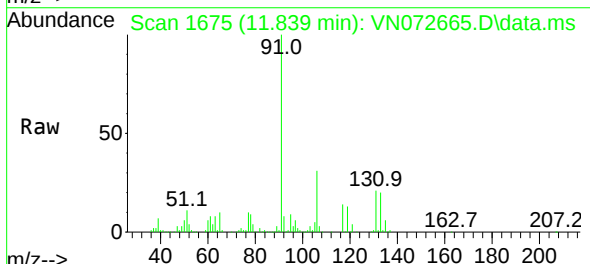
Manual Integrations
APPROVED

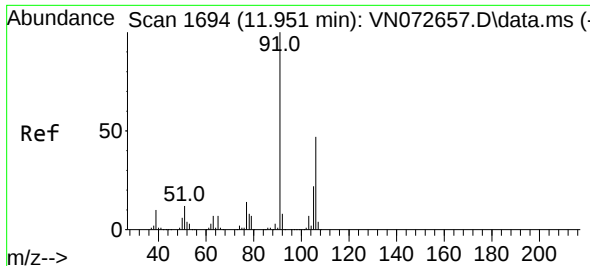
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022



#66
Ethyl Benzene
Concen: 19.097 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN072665.D
Acq: 06 Jun 2022 15:51

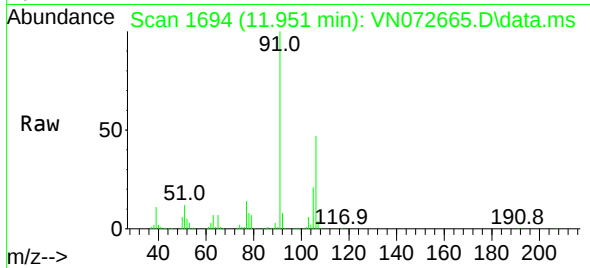
Tgt Ion: 91 Resp: 316474
Ion Ratio Lower Upper
91 100
106 31.1 24.0 36.0





#67
m/p-Xylenes
Concen: 37.921 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. 0.000 min
Lab File: VN072665.D
Acq: 06 Jun 2022 15:51

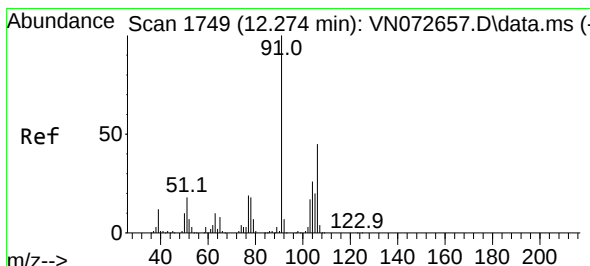
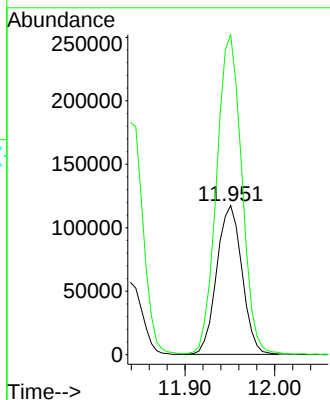
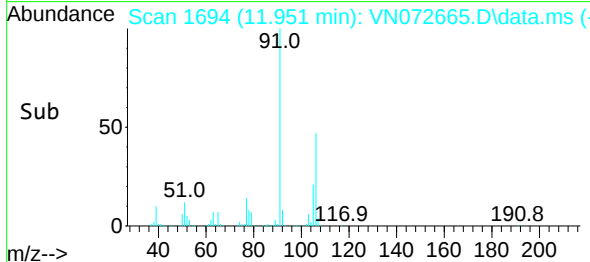
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



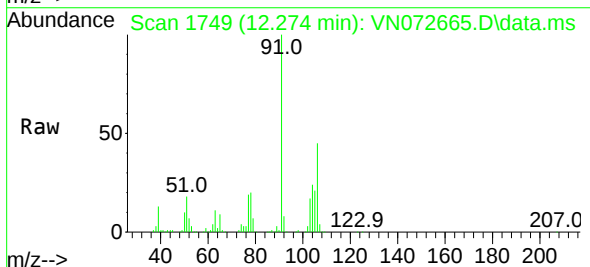
Tgt Ion:106 Resp: 229209
Ion Ratio Lower Upper
106 100
91 215.5 162.9 244.3

Manual Integrations
APPROVED

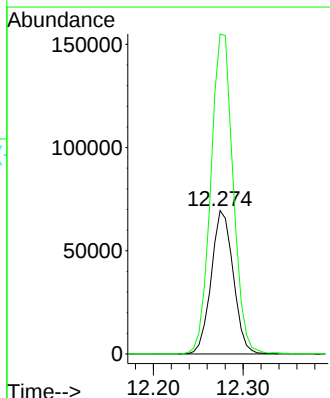
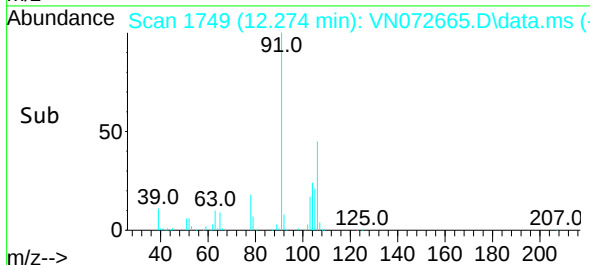
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022

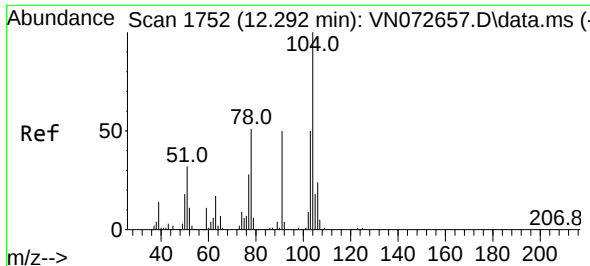


#68
o-Xylene
Concen: 19.236 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VN072665.D
Acq: 06 Jun 2022 15:51



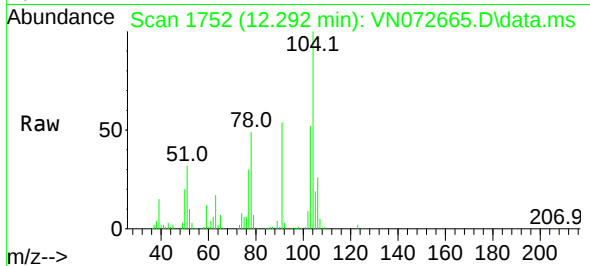
Tgt Ion:106 Resp: 118613
Ion Ratio Lower Upper
106 100
91 225.8 107.7 323.1





#69
Styrene
Concen: 18.950 ug/l
RT: 12.292 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VN072665.D
Acq: 06 Jun 2022 15:51

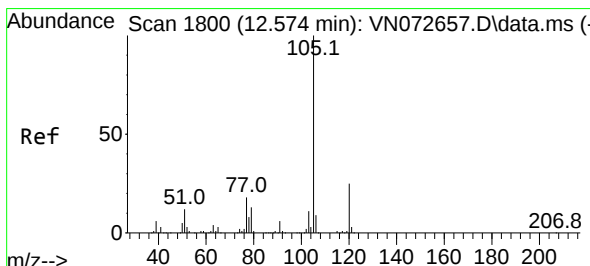
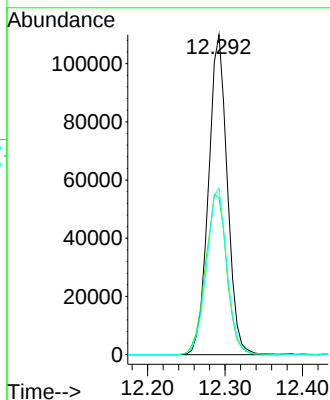
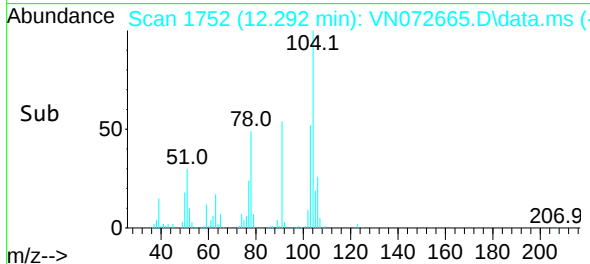
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



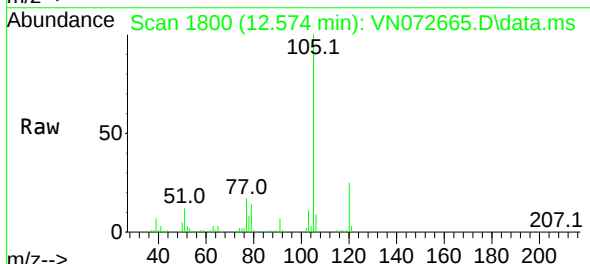
Tgt Ion:104 Resp: 185489
Ion Ratio Lower Upper
104 100
78 57.0 40.7 61.1
103 56.6 45.8 68.8

Manual Integrations
APPROVED

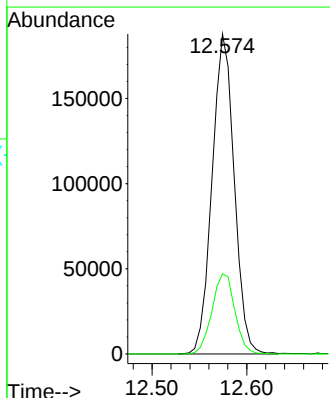
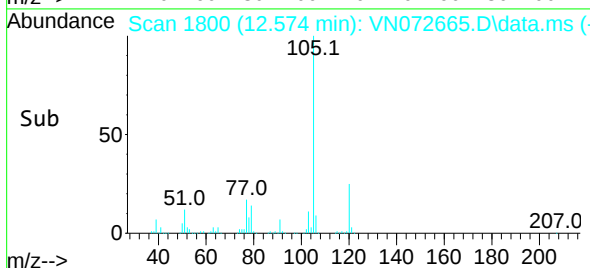
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022

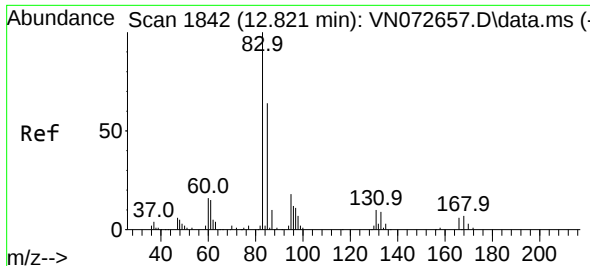


#70
Isopropylbenzene
Concen: 18.921 ug/l
RT: 12.574 min Scan# 1800
Delta R.T. 0.000 min
Lab File: VN072665.D
Acq: 06 Jun 2022 15:51



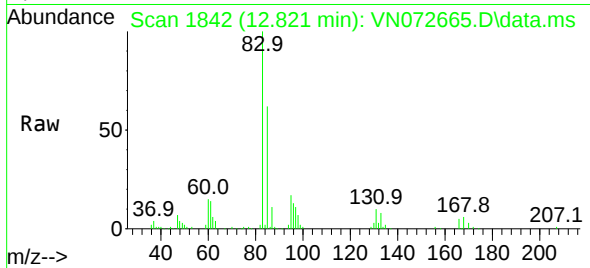
Tgt Ion:105 Resp: 304869
Ion Ratio Lower Upper
105 100
120 25.9 18.3 34.1





#71
1,1,2,2-Tetrachloroethane
Concen: 20.634 ug/l
RT: 12.821 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VN072665.D
Acq: 06 Jun 2022 15:51

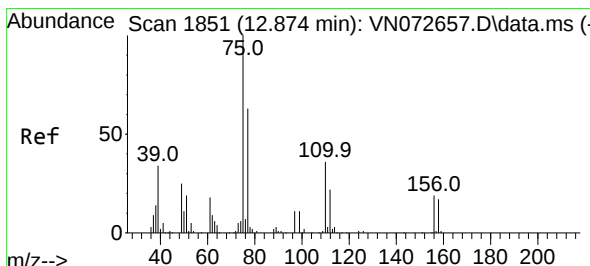
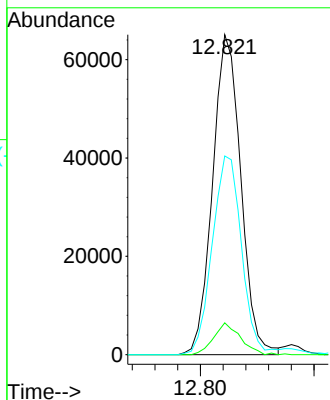
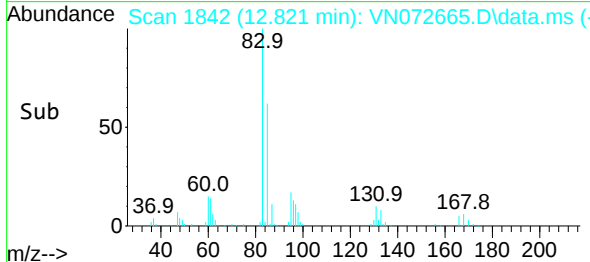
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



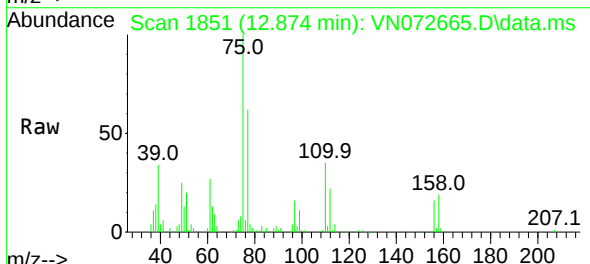
Tgt Ion: 83 Resp: 112539
Ion Ratio Lower Upper
83 100
131 9.3 5.1 15.3
85 63.6 33.1 99.2

Manual Integrations
APPROVED

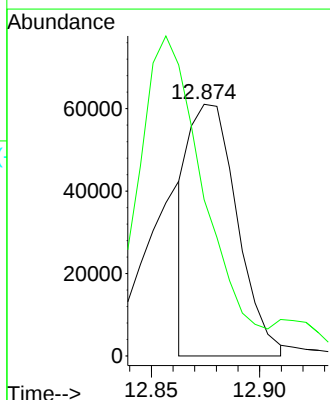
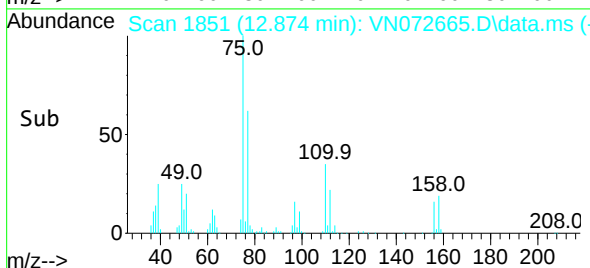
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022

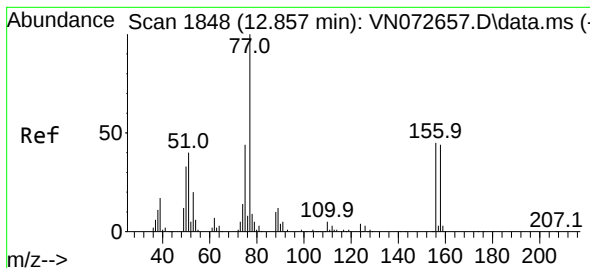


#72
1,2,3-Trichloropropane
Concen: 19.957 ug/l m
RT: 12.874 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN072665.D
Acq: 06 Jun 2022 15:51



Tgt Ion: 75 Resp: 94993
Ion Ratio Lower Upper
75 100
77 174.7 0.0 378.0





#73

Bromobenzene

Concen: 18.800 ug/l

RT: 12.857 min Scan# 1848

Delta R.T. 0.000 min

Lab File: VN072665.D

Acq: 06 Jun 2022 15:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

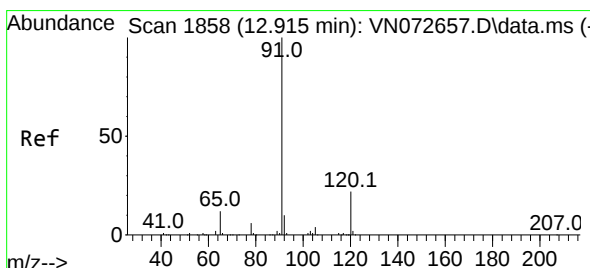
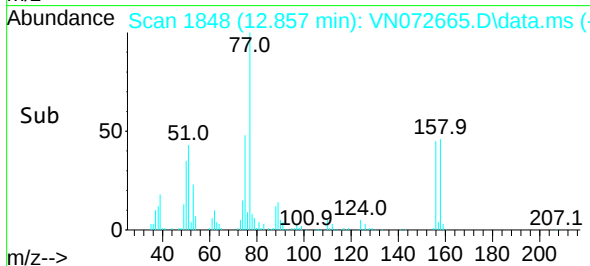
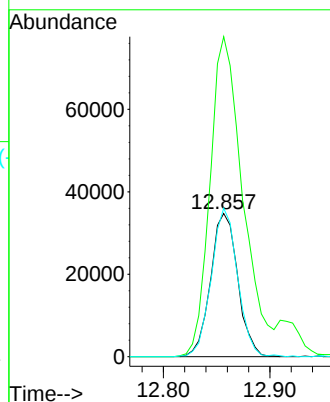
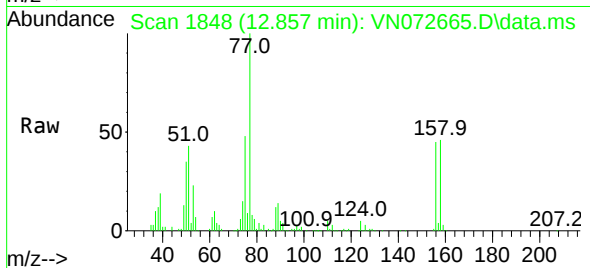
Tgt Ion:	156	Resp:	61579
Ion Ratio	Lower	Upper	
156	100		
77	269.6	0.0	416.0
158	99.9	0.0	195.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/07/2022

Supervised By :Mahesh Dadoda 06/07/2022



#74

n-propylbenzene

Concen: 18.300 ug/l

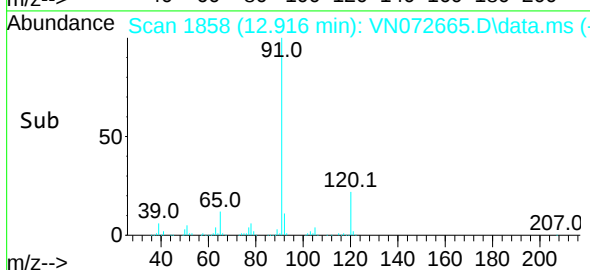
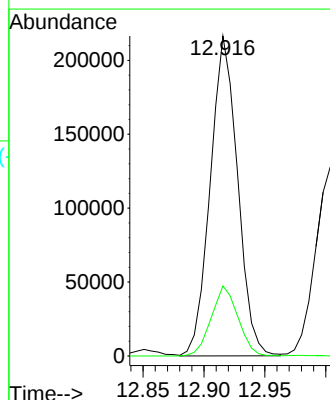
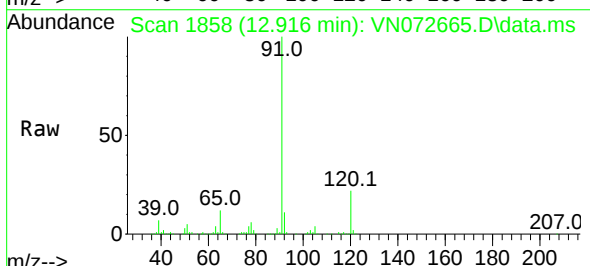
RT: 12.916 min Scan# 1858

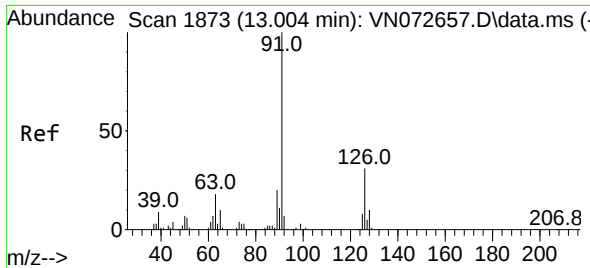
Delta R.T. 0.000 min

Lab File: VN072665.D

Acq: 06 Jun 2022 15:51

Tgt Ion:	91	Resp:	337410
Ion Ratio	Lower	Upper	
91	100		
120	21.4	0.0	45.0





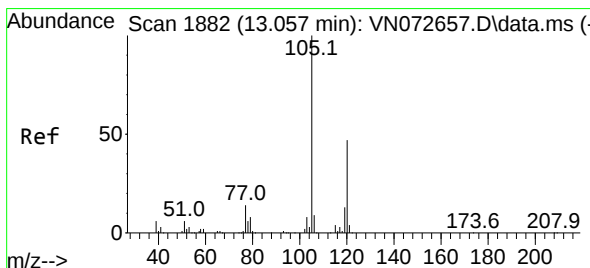
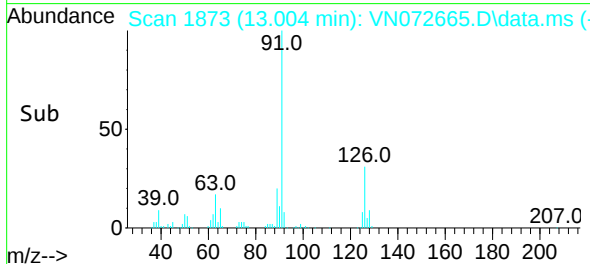
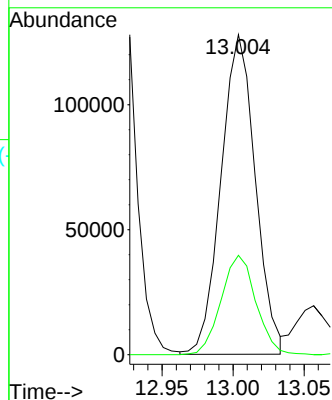
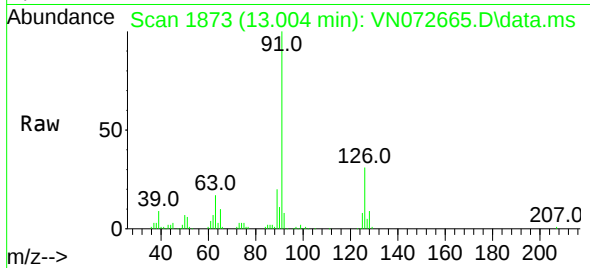
#75
2-Chlorotoluene
Concen: 18.816 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. 0.000 min
Lab File: VN072665.D
Acq: 06 Jun 2022 15:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 91 Resp: 21503
Ion Ratio Lower Upper
91 100
126 31.6 0.0 69.8

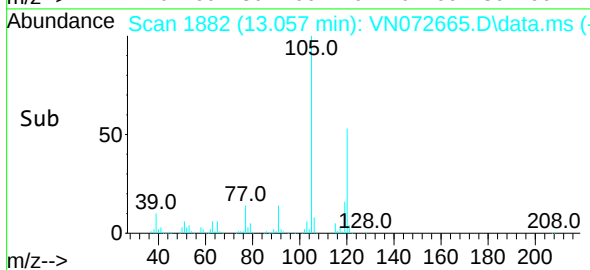
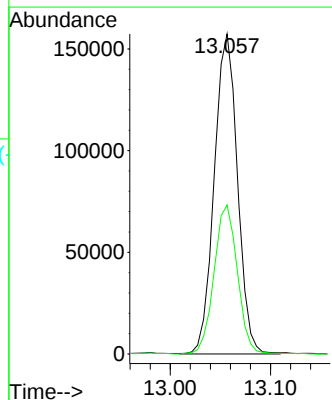
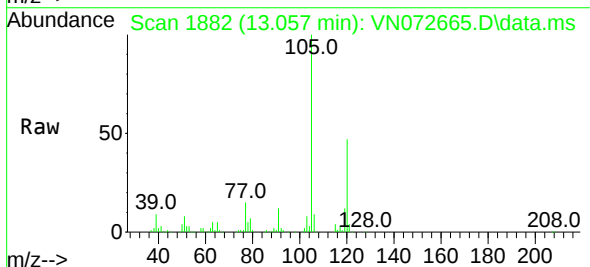
Manual Integrations
APPROVED

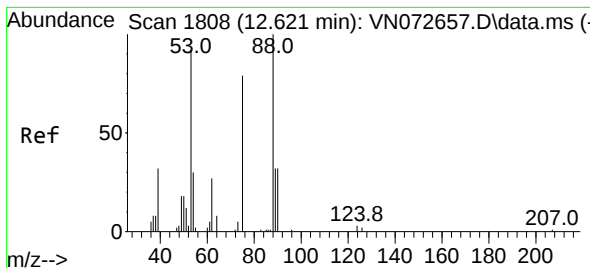
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022



#76
1,3,5-Trimethylbenzene
Concen: 19.130 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. 0.000 min
Lab File: VN072665.D
Acq: 06 Jun 2022 15:51

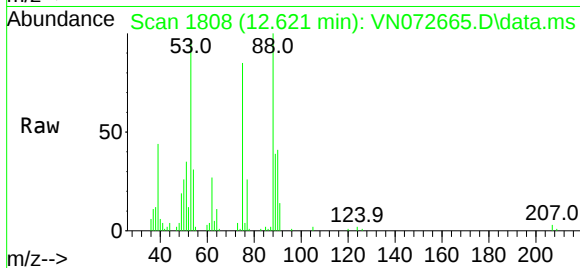
Tgt Ion:105 Resp: 252999
Ion Ratio Lower Upper
105 100
120 46.7 0.0 93.8





#77
t-1,4-Dichloro-2-butene
Concen: 18.976 ug/l
RT: 12.621 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VN072665.D
Acq: 06 Jun 2022 15:51

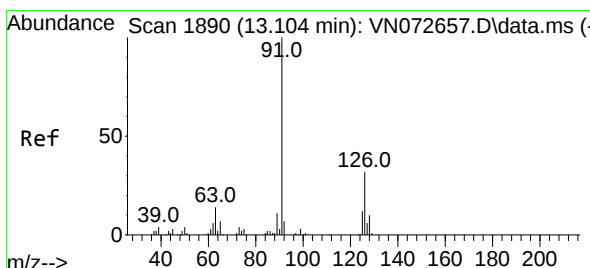
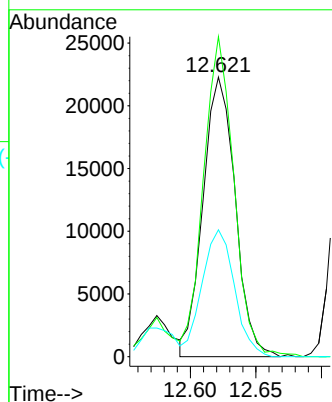
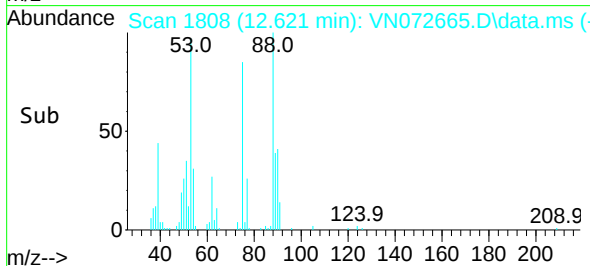
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion: 75 Resp: 38070
Ion Ratio Lower Upper
75 100
53 113.3 51.8 155.5
89 45.4 22.9 68.7

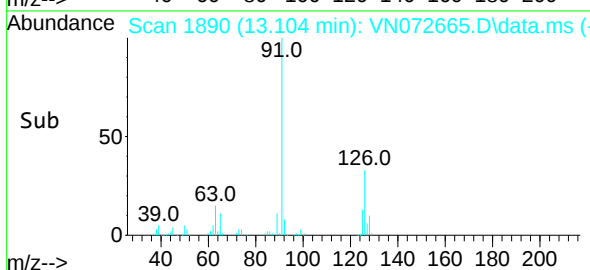
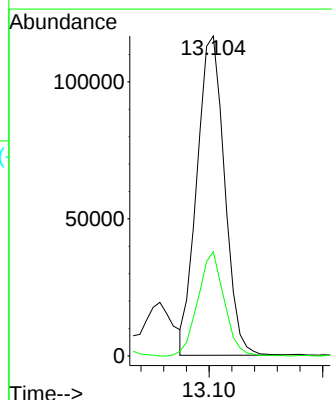
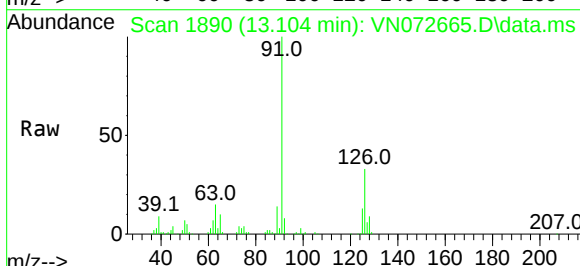
Manual Integrations
APPROVED

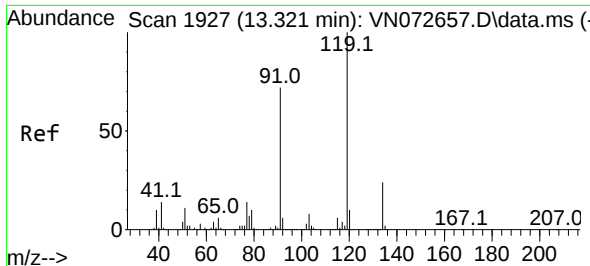
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022



#78
4-Chlorotoluene
Concen: 18.200 ug/l
RT: 13.104 min Scan# 1890
Delta R.T. 0.000 min
Lab File: VN072665.D
Acq: 06 Jun 2022 15:51

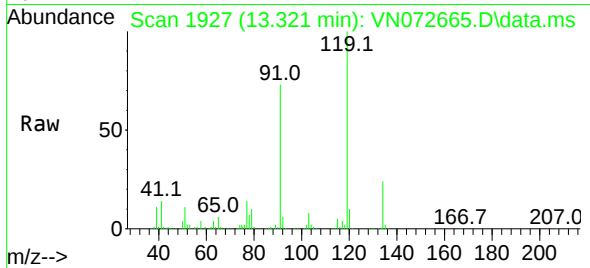
Tgt Ion: 91 Resp: 196497
Ion Ratio Lower Upper
91 100
126 31.0 0.0 70.6





#79
tert-butylbenzene
Concen: 18.732 ug/l
RT: 13.321 min Scan# 1927
Delta R.T. 0.000 min
Lab File: VN072665.D
Acq: 06 Jun 2022 15:51

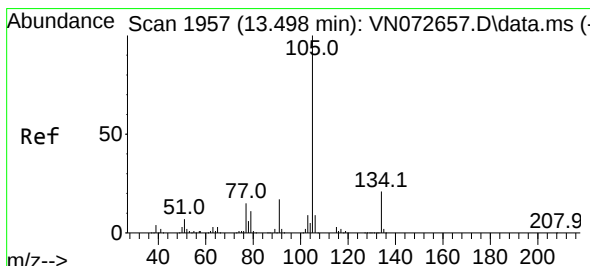
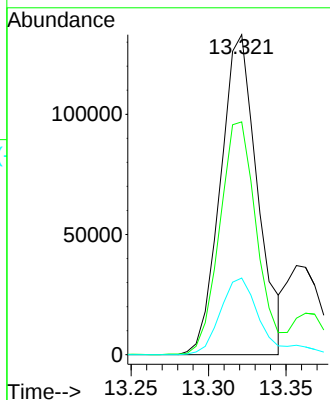
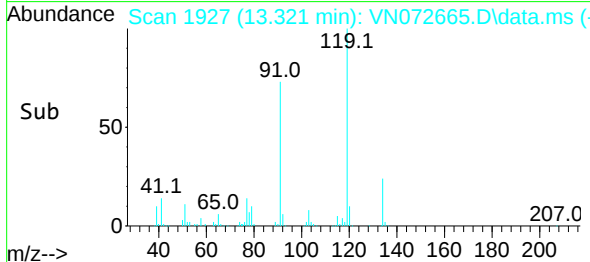
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



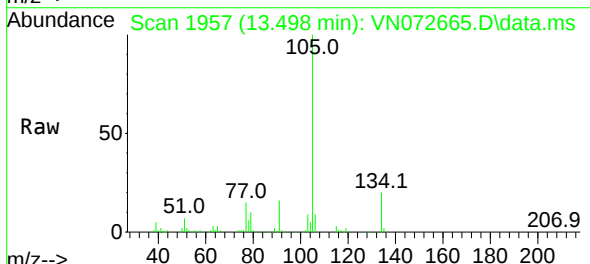
Tgt Ion:119 Resp: 221172
Ion Ratio Lower Upper
119 100
91 71.7 0.0 137.0
134 24.4 0.0 47.6

Manual Integrations
APPROVED

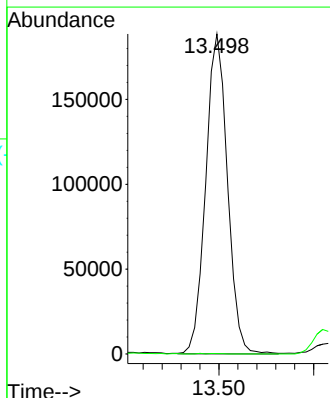
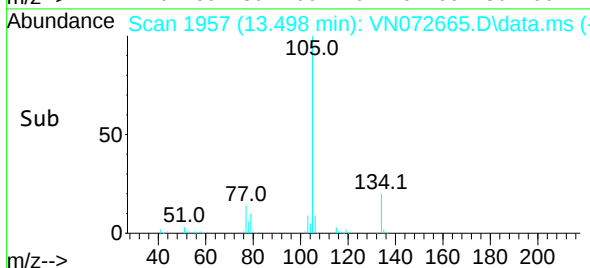
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022

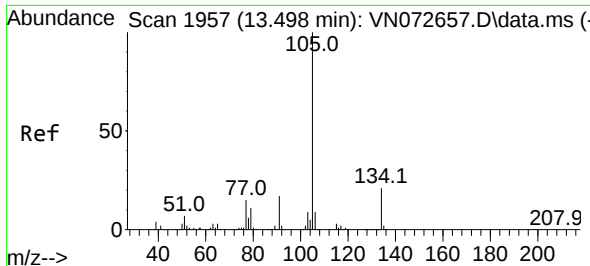


#80
1,2,4-Trimethylbenzene
Concen: 18.785 ug/l
RT: 13.498 min Scan# 1957
Delta R.T. 0.000 min
Lab File: VN072665.D
Acq: 06 Jun 2022 15:51



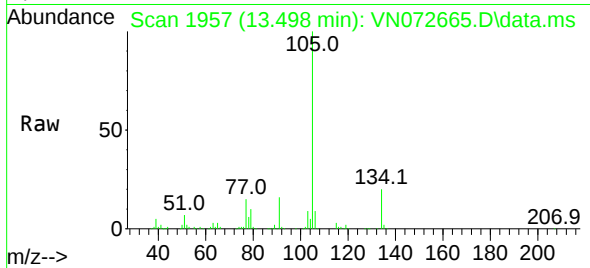
Tgt Ion:105 Resp: 299543
Ion Ratio Lower Upper
105 100
120 0.1 0.0 0.2





#81
 sec-Butylbenzene
 Concen: 18.785 ug/l
 RT: 13.498 min Scan# 1957
 Delta R.T. 0.000 min
 Lab File: VN072665.D
 Acq: 06 Jun 2022 15:51

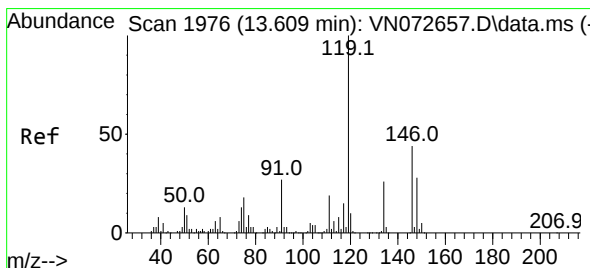
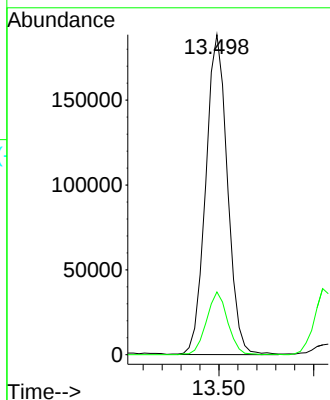
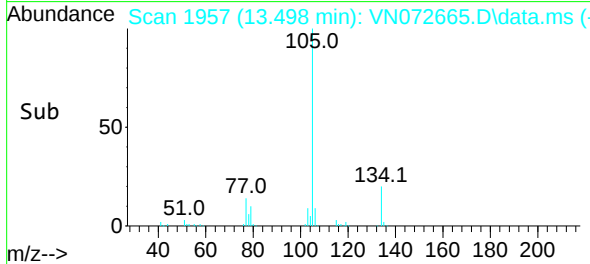
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020



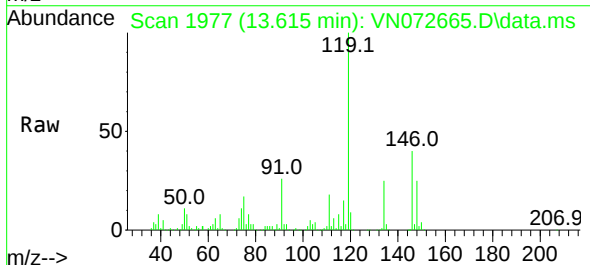
Tgt Ion:105 Resp: 29954
 Ion Ratio Lower Upper
 105 100
 134 19.0 0.0 39.4

Manual Integrations
 APPROVED

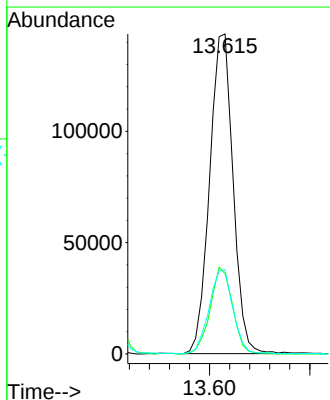
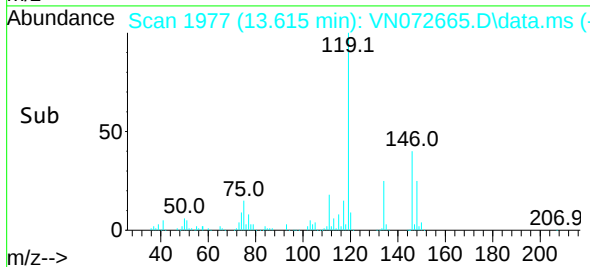
Reviewed By :John Carlone 06/07/2022
 Supervised By :Mahesh Dadoda 06/07/2022

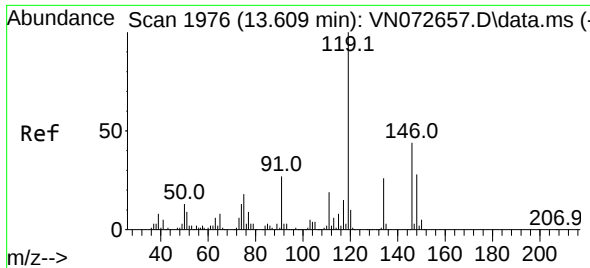


#82
 p-Isopropyltoluene
 Concen: 18.312 ug/l
 RT: 13.615 min Scan# 1977
 Delta R.T. 0.006 min
 Lab File: VN072665.D
 Acq: 06 Jun 2022 15:51



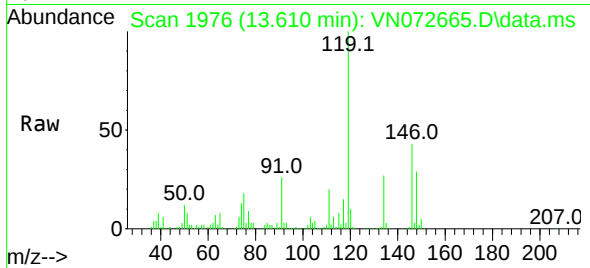
Tgt Ion:119 Resp: 233105
 Ion Ratio Lower Upper
 119 100
 134 25.9 0.0 51.8
 91 26.9 0.0 50.4





#83
1,3-Dichlorobenzene
Concen: 17.928 ug/l
RT: 13.610 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VN072665.D
Acq: 06 Jun 2022 15:51

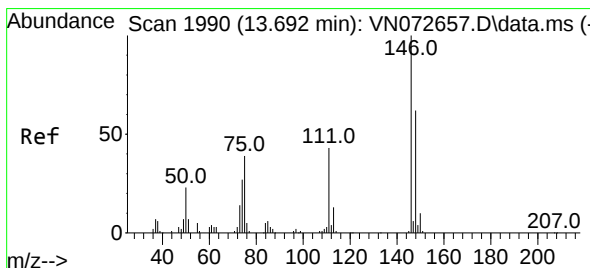
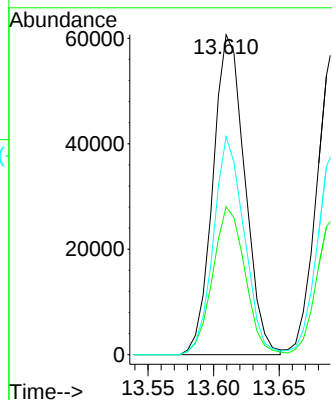
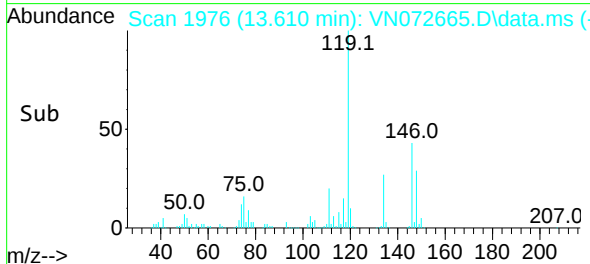
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



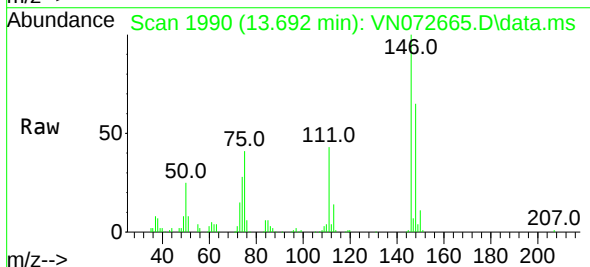
Tgt Ion:146 Resp: 10280
Ion Ratio Lower Upper
146 100
111 46.7 20.8 62.2
148 65.4 31.4 94.3

Manual Integrations
APPROVED

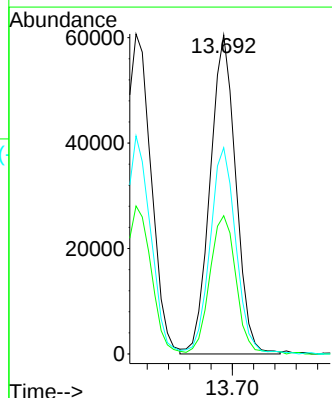
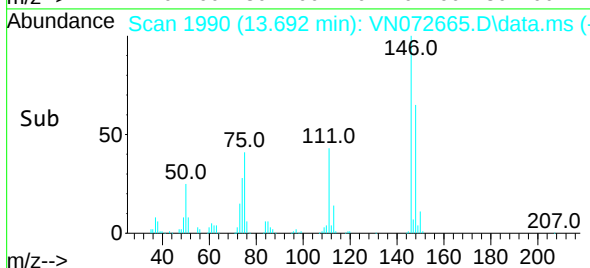
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022

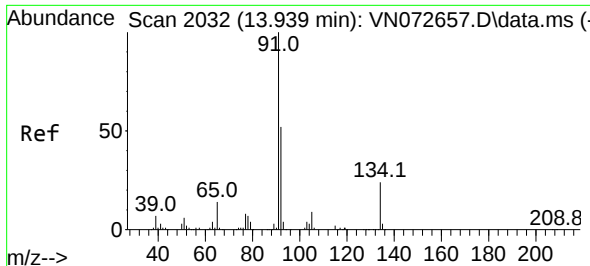


#84
1,4-Dichlorobenzene
Concen: 18.216 ug/l
RT: 13.692 min Scan# 1990
Delta R.T. 0.000 min
Lab File: VN072665.D
Acq: 06 Jun 2022 15:51



Tgt Ion:146 Resp: 101421
Ion Ratio Lower Upper
146 100
111 44.1 19.5 58.5
148 64.7 31.1 93.5





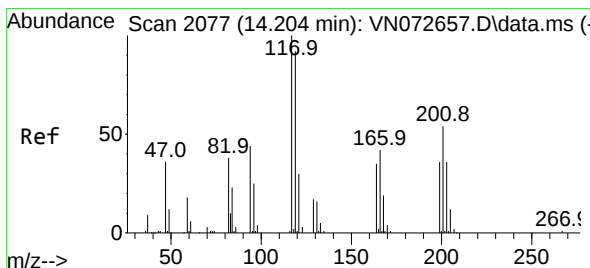
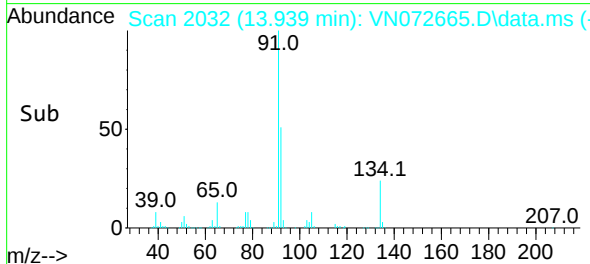
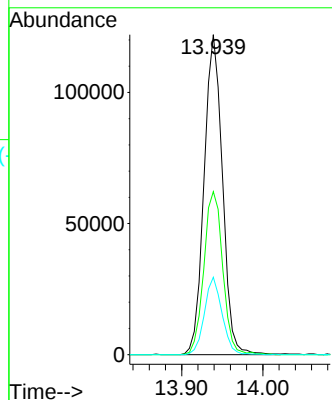
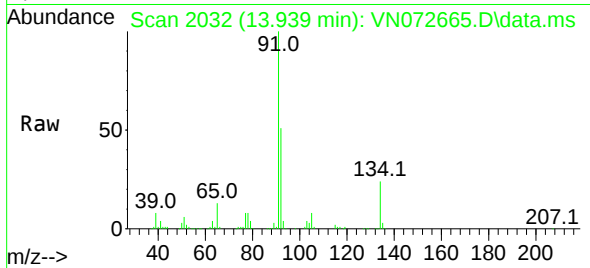
#85
n-Butylbenzene
Concen: 17.773 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VN072665.D
Acq: 06 Jun 2022 15:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 91 Resp: 191829
Ion Ratio Lower Upper
91 100
92 52.4 0.0 100.6
134 23.2 0.0 50.2

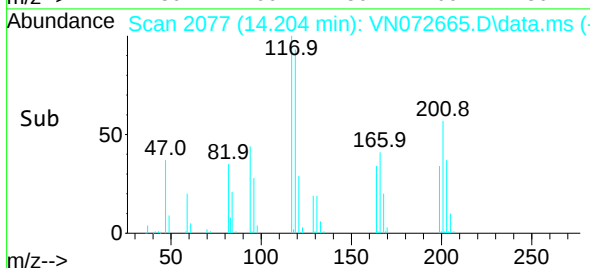
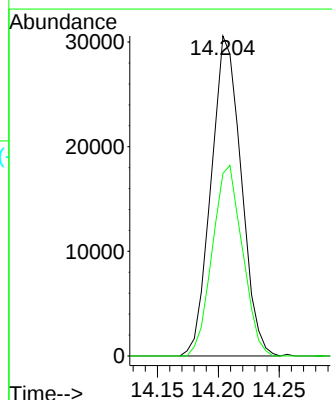
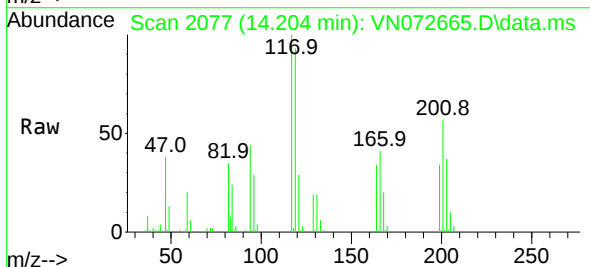
Manual Integrations
APPROVED

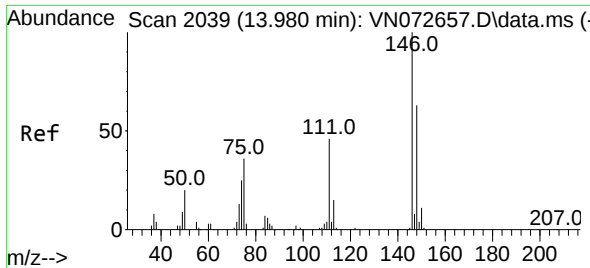
Reviewed By :John Carbone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022



#86
Hexachloroethane
Concen: 18.646 ug/l
RT: 14.204 min Scan# 2077
Delta R.T. 0.000 min
Lab File: VN072665.D
Acq: 06 Jun 2022 15:51

Tgt Ion:117 Resp: 52524
Ion Ratio Lower Upper
117 100
201 59.5 33.3 99.8





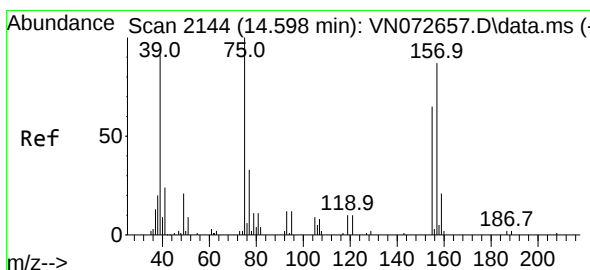
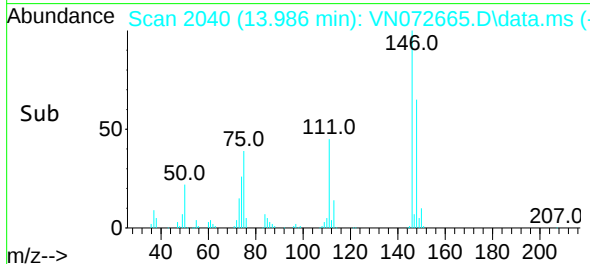
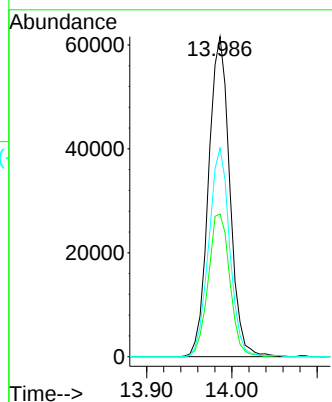
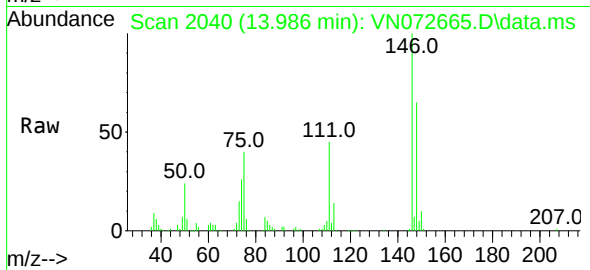
#87
1,2-Dichlorobenzene
Concen: 18.748 ug/l
RT: 13.986 min Scan# 2039
Delta R.T. 0.006 min
Lab File: VN072665.D
Acq: 06 Jun 2022 15:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion:146 Resp: 10639
Ion Ratio Lower Upper
146 100
111 45.4 21.4 64.2
148 64.4 32.5 97.4

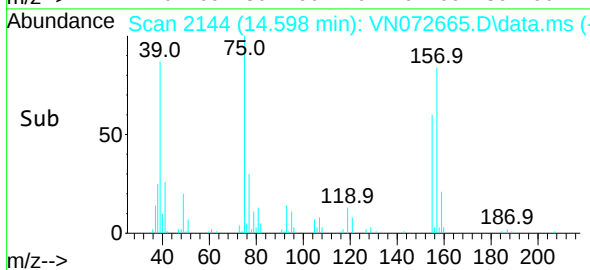
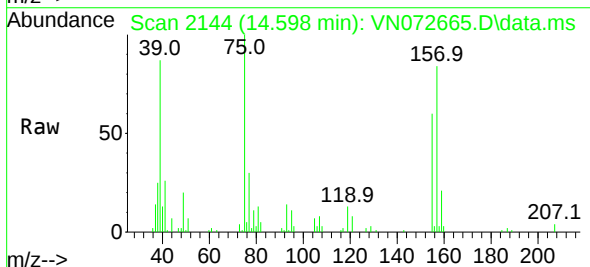
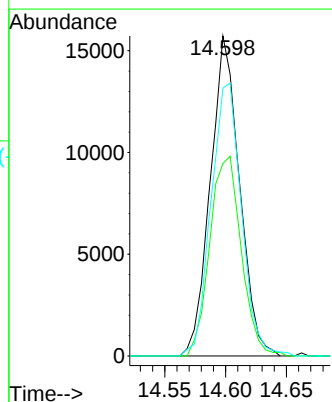
Manual Integrations
APPROVED

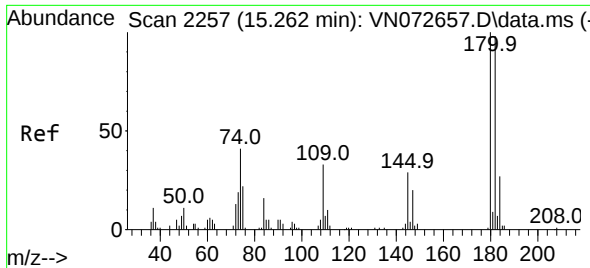
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022



#88
1,2-Dibromo-3-Chloropropane
Concen: 19.167 ug/l
RT: 14.598 min Scan# 2144
Delta R.T. 0.000 min
Lab File: VN072665.D
Acq: 06 Jun 2022 15:51

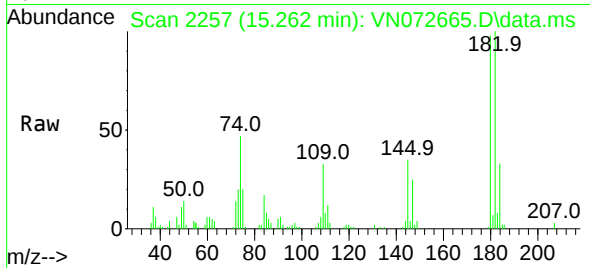
Tgt Ion: 75 Resp: 26212
Ion Ratio Lower Upper
75 100
155 67.1 63.8 95.8
157 88.9 77.9 116.9





#89
1,2,4-Trichlorobenzene
Concen: 17.924 ug/l
RT: 15.262 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN072665.D
Acq: 06 Jun 2022 15:51

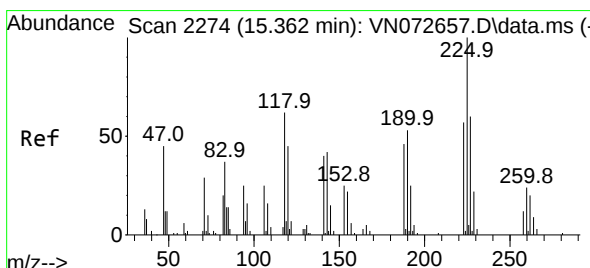
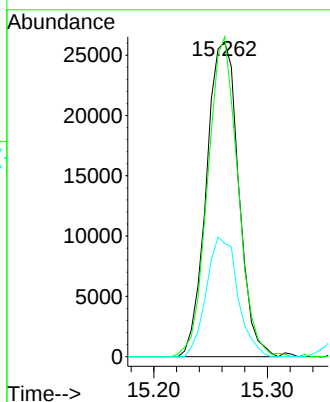
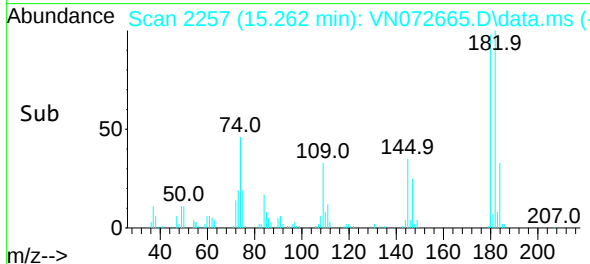
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



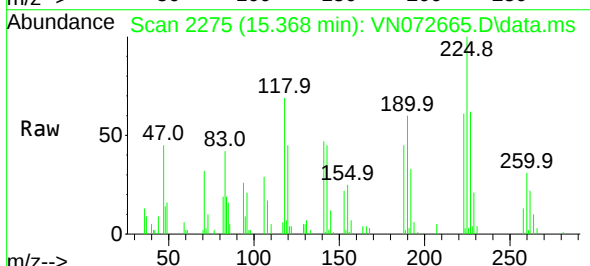
Tgt Ion:180 Resp: 51258
Ion Ratio Lower Upper
180 100
182 95.1 77.7 116.5
145 37.1 26.6 39.8

Manual Integrations
APPROVED

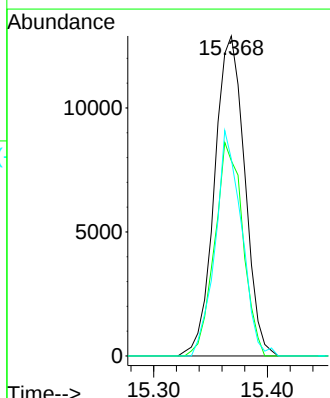
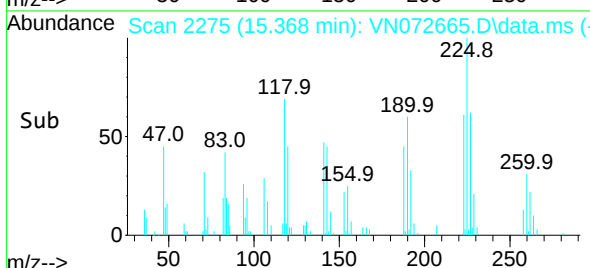
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022

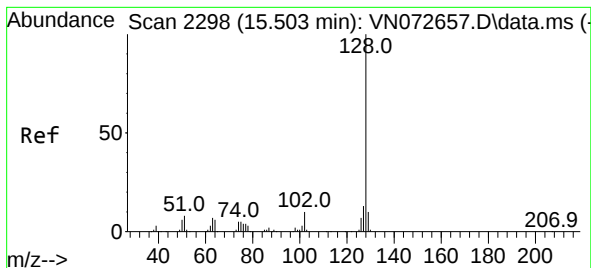


#90
Hexachlorobutadiene
Concen: 18.529 ug/l
RT: 15.368 min Scan# 2275
Delta R.T. 0.006 min
Lab File: VN072665.D
Acq: 06 Jun 2022 15:51



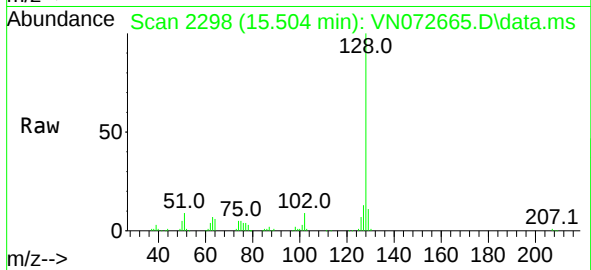
Tgt Ion:225 Resp: 23772
Ion Ratio Lower Upper
225 100
223 62.2 0.0 126.8
227 61.3 0.0 123.0





#91
Naphthalene
Concen: 17.851 ug/l
RT: 15.504 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN072665.D
Acq: 06 Jun 2022 15:51

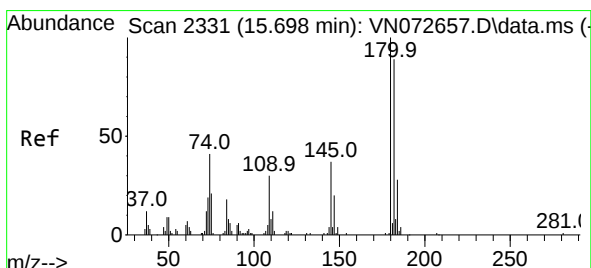
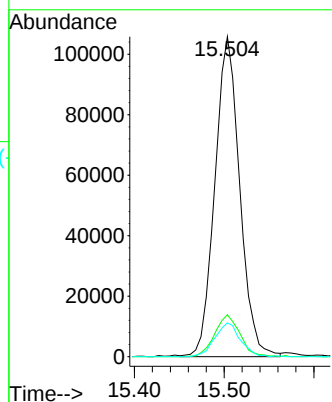
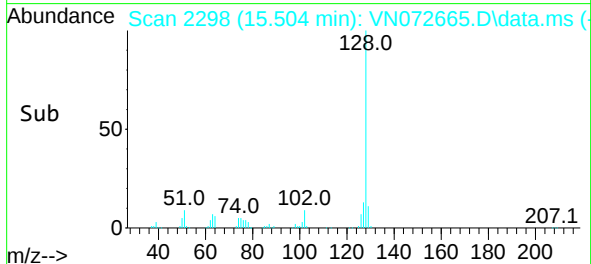
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



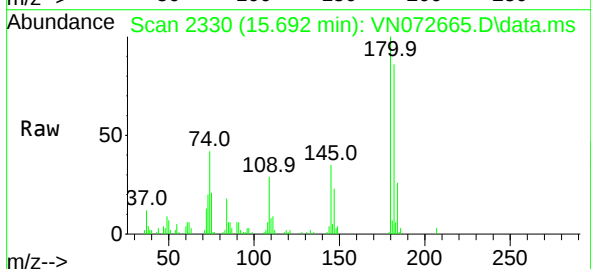
Tgt Ion:128 Resp: 203680
Ion Ratio Lower Upper
128 100
127 13.2 10.7 16.1
129 10.7 9.0 13.6

Manual Integrations
APPROVED

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



#92
1,2,3-Trichlorobenzene
Concen: 18.677 ug/l
RT: 15.692 min Scan# 2330
Delta R.T. -0.006 min
Lab File: VN072665.D
Acq: 06 Jun 2022 15:51



Tgt Ion:180 Resp: 54336
Ion Ratio Lower Upper
180 100
182 92.6 0.0 190.0
145 37.1 0.0 67.8

