

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061122\
 Data File : VN072780.D
 Acq On : 11 Jun 2022 10:43
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/13/2022
 Supervised By : Mahesh Dadoda 06/13/2022

Quant Time: Jun 13 01:17:58 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	7.657	128	32943	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.963	114	206487	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.739	117	184468	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.434	65	122336	32.562	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 108.533%			
60) 4-Bromofluorobenzene	12.727	95	107701	28.387	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 94.633%			
63) Toluene-d8	10.439	98	314185	30.746	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 102.500%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.069	85	47626	19.299	ug/l	97
3) Chloromethane	2.299	50	52094	19.412	ug/l	95
4) Vinyl Chloride	2.440	62	52890	21.858	ug/l	95
5) Bromomethane	2.846	94	24978	19.962	ug/l	94
6) Chloroethane	3.016	64	41893	25.966	ug/l	97
7) Trichlorofluoromethane	3.369	101	88572	20.248	ug/l	100
8) Diethyl Ether	3.816	74	35376	20.859	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.204	101	49085	21.300	ug/l	77
10) 1,1-Dichloroethene	4.175	96	41966	19.281	ug/l	83
11) Methyl Iodide	4.416	142	34387	15.780	ug/l	88
12) Methyl Acetate	4.851	43	95657	21.301	ug/l	96
13) Acrolein	4.034	56	42632	108.453	ug/l	100
14) Acrylonitrile	5.545	53	192241	105.022	ug/l	99
15) Acetone	4.281	58	51110	103.126	ug/l	100
16) Carbon Disulfide	4.528	76	87725	15.988	ug/l	99
17) Allyl chloride	4.834	41	95534	20.318	ug/l	88
18) Methylene Chloride	5.093	84	54886	20.083	ug/l #	84
19) trans-1,2-Dichloroethene	5.598	96	46310	19.661	ug/l	94
20) Diisopropyl ether	6.487	45	212191	22.787	ug/l #	96
21) 1,1-Dichloroethane	6.375	63	108235	20.921	ug/l	99
22) cis-1,2-Dichloroethene	7.316	96	61387	20.807	ug/l	88
23) tert-Butyl Alcohol	5.357	59	79807	93.689	ug/l #	100
24) Methyl tert-Butyl Ether	5.610	73	201256	20.792	ug/l	95
25) Chloroform	7.810	83	115381	21.711	ug/l	98
26) Cyclohexane	8.086	56	85832	19.899	ug/l #	93
29) 1,1-Dichloropropene	8.216	75	76928	19.544	ug/l	94
30) 2-Butanone	7.328	43	288513	101.283	ug/l	92
31) 2,2-Dichloropropane	7.316	77	94195	17.679	ug/l	94
32) 1,1,1-Trichloroethane	8.010	97	98875	19.198	ug/l	95
33) Carbon Tetrachloride	8.204	117	80883	18.211	ug/l	97
34) Benzene	8.457	78	231332	19.866	ug/l	97
35) Methacrylonitrile	7.634	41	52840	18.918	ug/l	94
36) 1,2-Dichloroethane	8.522	62	100174	20.362	ug/l	98
37) Trichloroethene	9.210	130	54245	19.323	ug/l	93
38) Methylcyclohexane	9.457	83	89191	18.981	ug/l	91
39) 1,2-Dichloropropane	9.486	63	64019	20.011	ug/l	94
40) Dibromomethane	9.575	93	44372	20.205	ug/l	93
41) Bromodichloromethane	9.757	83	92562	19.704	ug/l #	94
42) Vinyl Acetate	6.428	43	935792	100.908	ug/l	98

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Manual Integrations**APPROVED**

Reviewed By : John Carlone 06/13/2022

Supervised By : Mahesh Dadoda 06/13/2022

Quant Time: Jun 13 01:17:58 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)
43) Ethyl Acetate	7.410	43	108260	19.836	ug/l #	85
44) Isopropyl Acetate	8.557	43	183310	20.248	ug/l	97
45) 1,4-Dioxane	9.563	88	28104	377.758	ug/l #	82
46) Methyl methacrylate	9.557	41	86477	21.363	ug/l	83
47) n-amyl Acetate	12.386	43	129836	18.732	ug/l	98
48) t-1,3-Dichloropropene	10.716	75	100118	18.671	ug/l	95
49) cis-1,3-Dichloropropene	10.186	75	105976	19.463	ug/l	95
50) 1,1,2-Trichloroethane	10.898	97	64586	20.801	ug/l	96
51) Ethyl methacrylate	10.757	69	111489	19.823	ug/l	94
52) 1,3-Dichloropropane	11.039	76	115632	20.927	ug/l	99
53) Dibromochloromethane	11.233	129	66990	19.555	ug/l	99
54) 1,2-Dibromoethane	11.339	107	64838	19.860	ug/l	100
55) 2-Chloroethyl vinyl ether	10.039	63	211791	96.150	ug/l	98
56) Bromoform	12.451	173	41361	17.328	ug/l #	98
58) 4-Methyl-2-Pentanone	10.328	43	604387	109.236	ug/l	96
59) 2-Hexanone	11.080	43	438339	104.498	ug/l	98
61) Tetrachloroethene	10.975	164	49399	21.639	ug/l	93
62) Toluene	10.504	91	260859	20.855	ug/l	97
64) Chlorobenzene	11.769	112	157100	20.630	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.839	131	61005	20.319	ug/l	97
66) Ethyl Benzene	11.839	91	294852	20.533	ug/l	99
67) m/p-Xylenes	11.951	106	211889	40.454	ug/l	92
68) o-Xylene	12.274	106	109795	20.548	ug/l	94
69) Styrene	12.292	104	165770	19.543	ug/l	94
70) Isopropylbenzene	12.574	105	286070	20.488	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.821	83	96990	20.521	ug/l	99
72) 1,2,3-Trichloropropane	12.874	75	80065m	19.411	ug/l	
73) Bromobenzene	12.857	156	54119	19.067	ug/l	71
74) n-propylbenzene	12.916	91	320733	20.074	ug/l	97
75) 2-Chlorotoluene	13.004	91	196964	19.888	ug/l	93
76) 1,3,5-Trimethylbenzene	13.057	105	234067	20.424	ug/l	100
77) t-1,4-Dichloro-2-butene	12.621	75	28360	16.313	ug/l	94
78) 4-Chlorotoluene	13.104	91	180235	19.264	ug/l	93
79) tert-butylbenzene	13.321	119	204427	19.980	ug/l	96
80) 1,2,4-Trimethylbenzene	13.498	105	280832	20.323	ug/l	100
81) sec-Butylbenzene	13.498	105	280832	20.323	ug/l	98
82) p-Isopropyltoluene	13.610	119	220166	19.959	ug/l	98
83) 1,3-Dichlorobenzene	13.610	146	95288	19.177	ug/l	96
84) 1,4-Dichlorobenzene	13.692	146	92023	19.073	ug/l	97
85) n-Butylbenzene	13.939	91	184331	19.708	ug/l	97
86) Hexachloroethane	14.210	117	45378	18.590	ug/l	86
87) 1,2-Dichlorobenzene	13.986	146	97372	19.801	ug/l	95
88) 1,2-Dibromo-3-Chloropr...	14.604	75	21381	18.042	ug/l	85
89) 1,2,4-Trichlorobenzene	15.262	180	44827	18.089	ug/l	95
90) Hexachlorobutadiene	15.362	225	21448	19.292	ug/l	98
91) Naphthalene	15.504	128	164553	16.642	ug/l	99
92) 1,2,3-Trichlorobenzene	15.698	180	44863	17.795	ug/l	97

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

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Manual Integrations

APPROVED

Reviewed By : John Carlone 06/13/2022

Supervised By : Mahesh Dadoda 06/13/2022

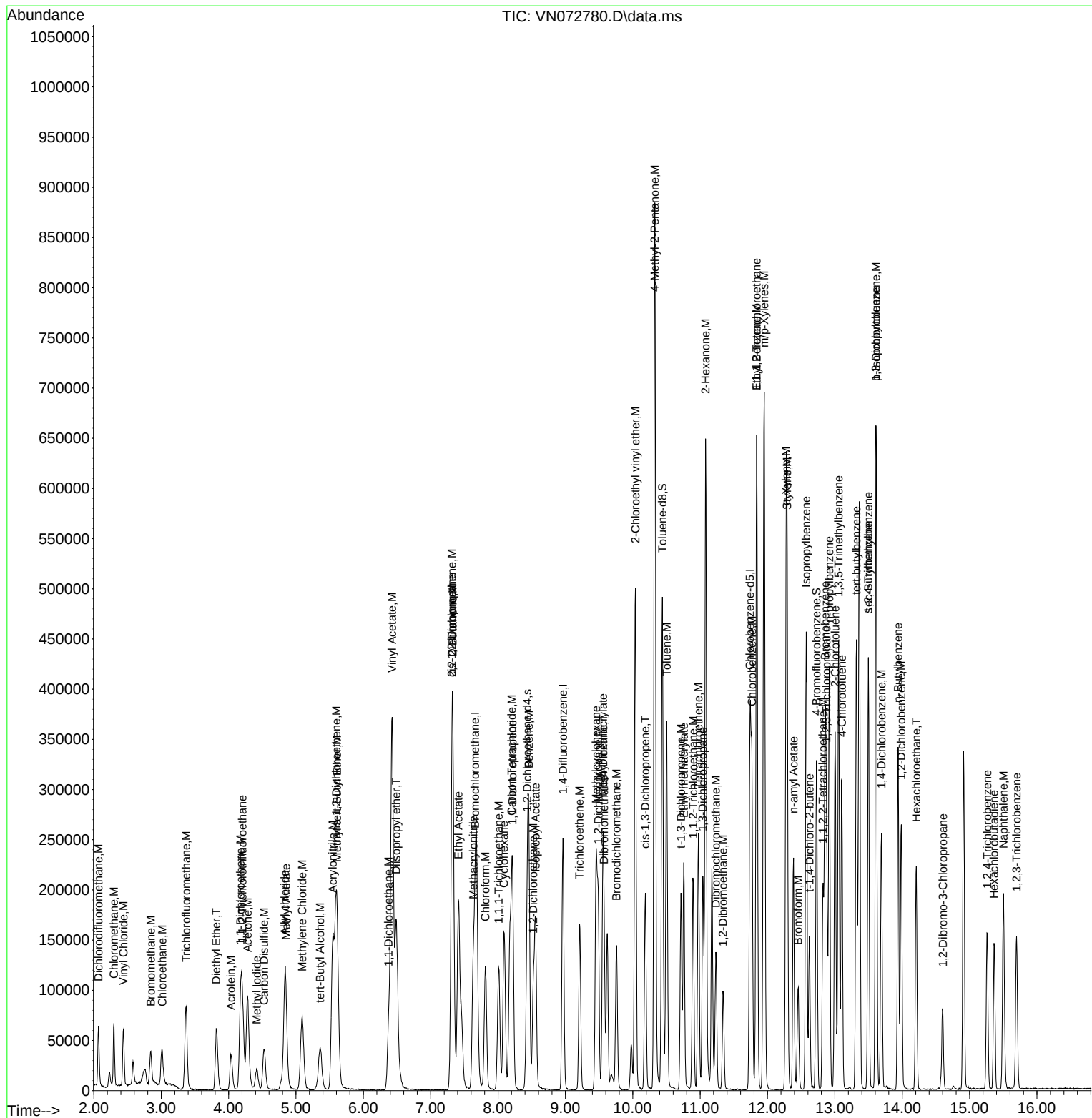
Quant Time: Jun 13 01:17:58 2022

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

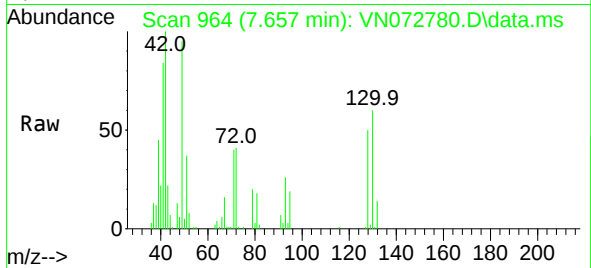
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.657 min Scan# 90
Delta R.T. 0.006 min
Lab File: VN072780.D
Acq: 11 Jun 2022 10:43

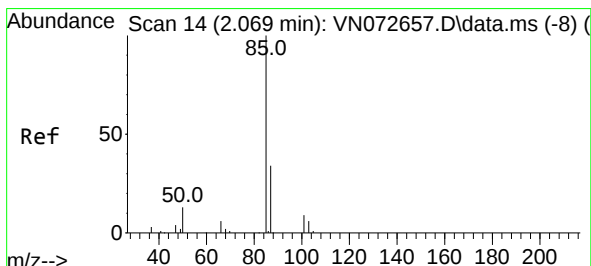
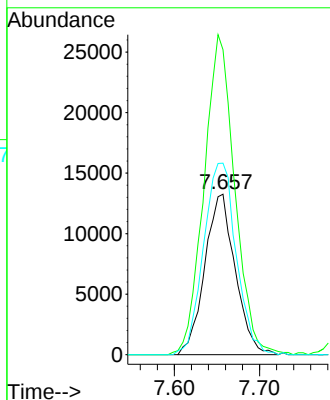
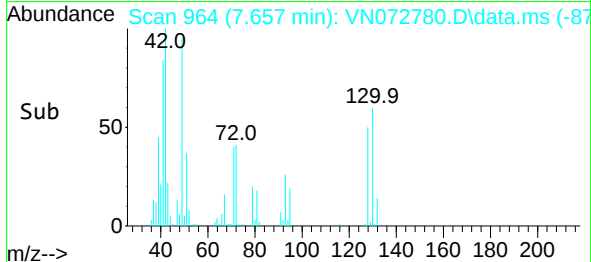
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion:128 Resp: 3294
Ion Ratio Lower Upper
128 100
49 201.1 0.0 392.3
130 128.1 0.0 320.2

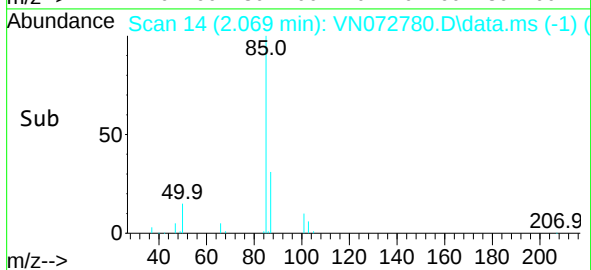
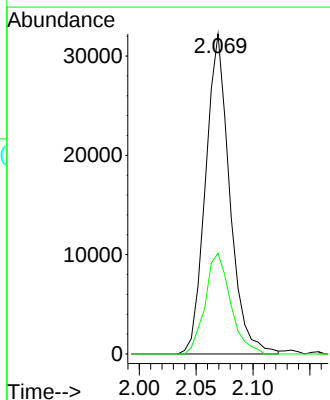
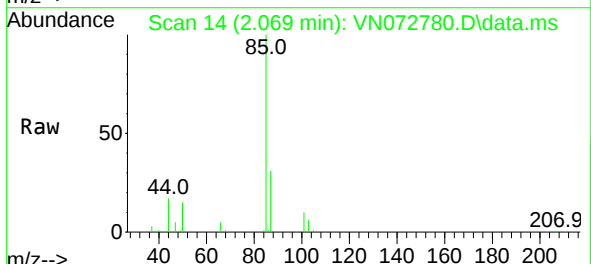
Manual Integrations
APPROVED

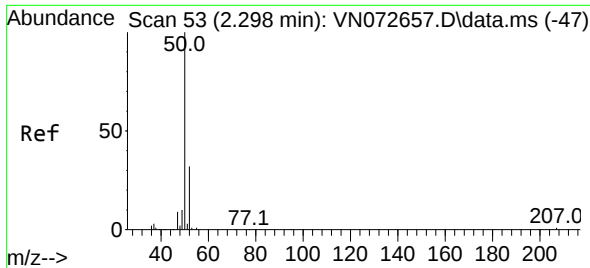
Reviewed By :John Carlone 06/13/2022
Supervised By :Mahesh Dadoda 06/13/2022



#2
Dichlorodifluoromethane
Concen: 19.299 ug/l
RT: 2.069 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN072780.D
Acq: 11 Jun 2022 10:43

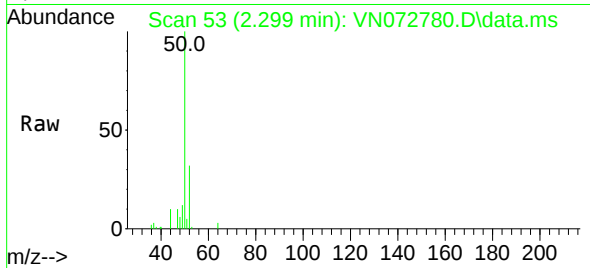
Tgt Ion: 85 Resp: 47626
Ion Ratio Lower Upper
85 100
87 31.4 16.6 49.7





#3
Chloromethane
Concen: 19.412 ug/l
RT: 2.299 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN072780.D
Acq: 11 Jun 2022 10:43

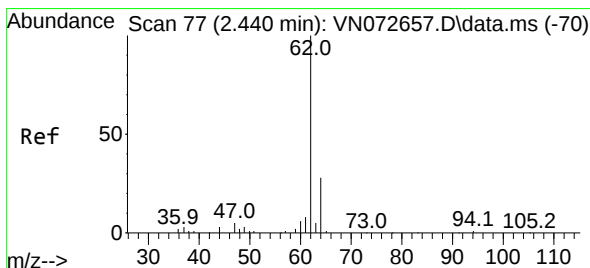
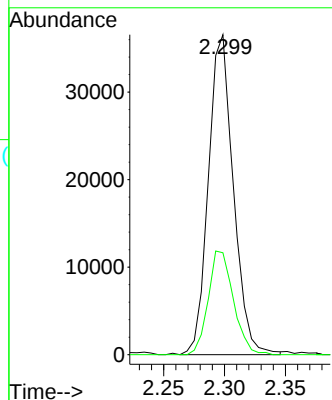
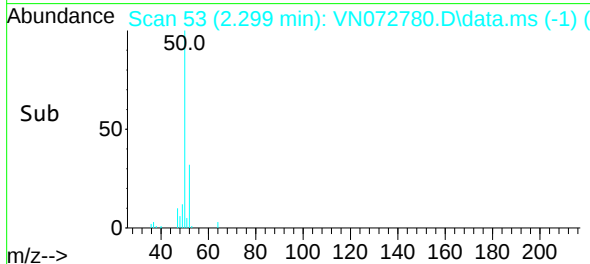
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



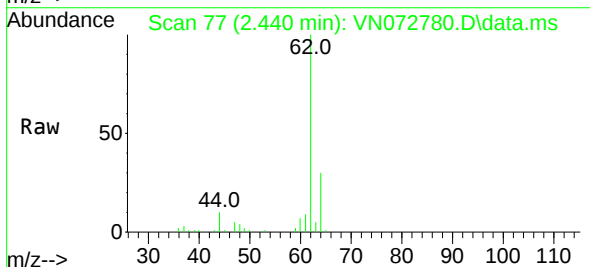
Tgt Ion: 50 Resp: 52094
Ion Ratio Lower Upper
50 100
52 31.8 27.8 41.6

Manual Integrations
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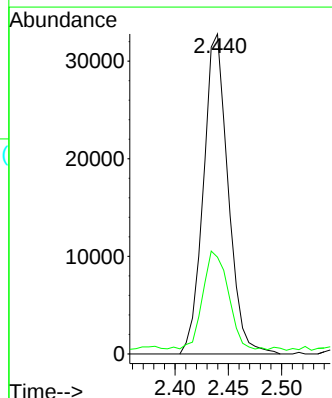
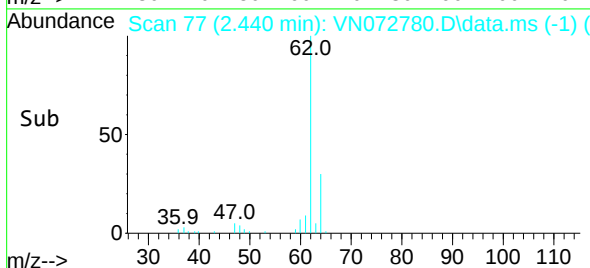
Reviewed By :John Carlone 06/13/2022
Supervised By :Mahesh Dadoda 06/13/2022



#4
Vinyl Chloride
Concen: 21.858 ug/l
RT: 2.440 min Scan# 77
Delta R.T. 0.000 min
Lab File: VN072780.D
Acq: 11 Jun 2022 10:43



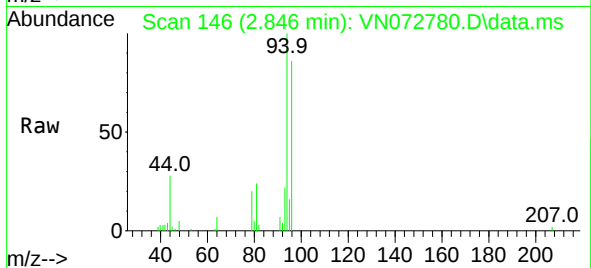
Tgt Ion: 62 Resp: 52890
Ion Ratio Lower Upper
62 100
64 28.6 25.1 37.7





#5
Bromomethane
Concen: 19.962 ug/l
RT: 2.846 min Scan# 147
Delta R.T. -0.006 min
Lab File: VN072780.D
Acq: 11 Jun 2022 10:43

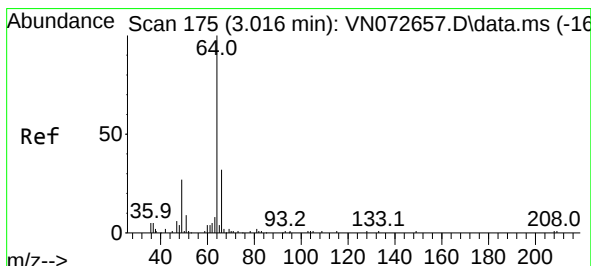
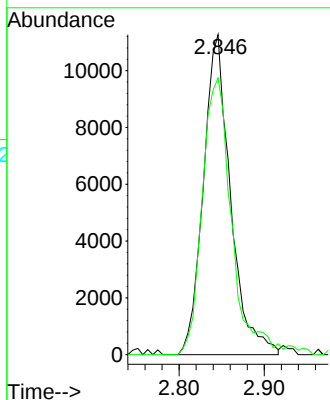
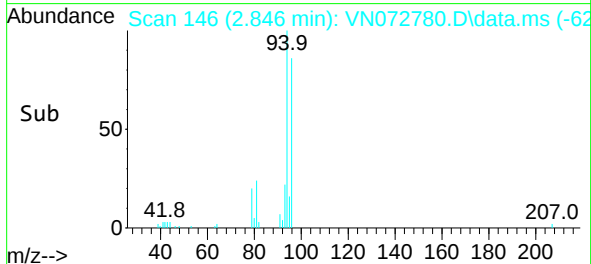
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion: 94 Resp: 24978
Ion Ratio Lower Upper
94 100
96 87.8 75.2 112.8

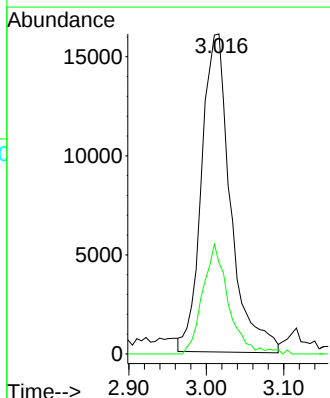
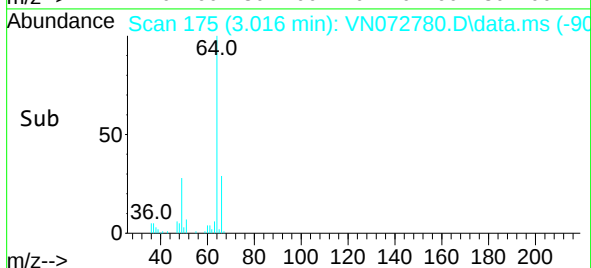
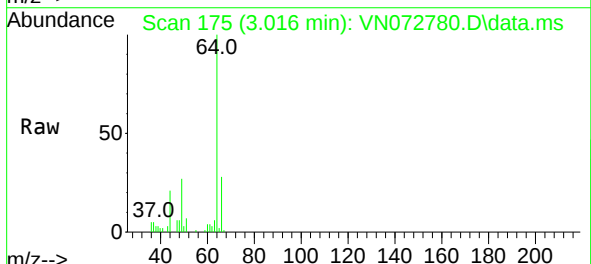
Manual Integrations
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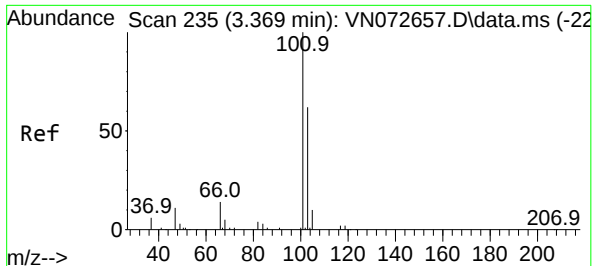
Reviewed By :John Carlone 06/13/2022
Supervised By :Mahesh Dadoda 06/13/2022



#6
Chloroethane
Concen: 25.966 ug/l
RT: 3.016 min Scan# 175
Delta R.T. 0.000 min
Lab File: VN072780.D
Acq: 11 Jun 2022 10:43

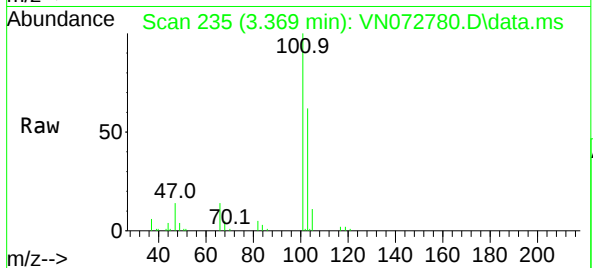
Tgt Ion: 64 Resp: 41893
Ion Ratio Lower Upper
64 100
66 29.3 24.6 36.8





#7
 Trichlorofluoromethane
 Concen: 20.248 ug/l
 RT: 3.369 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN072780.D
 Acq: 11 Jun 2022 10:43

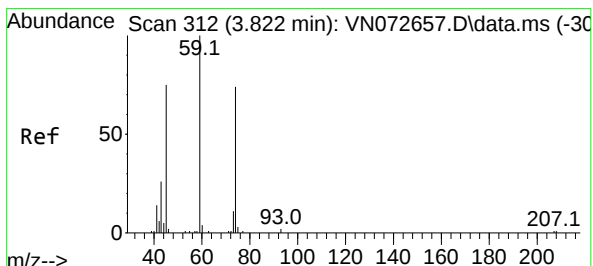
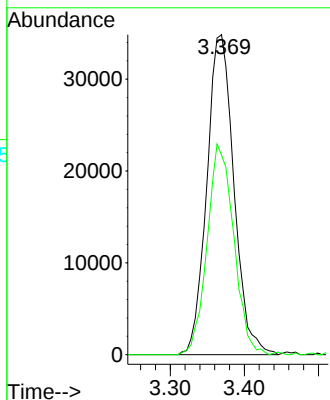
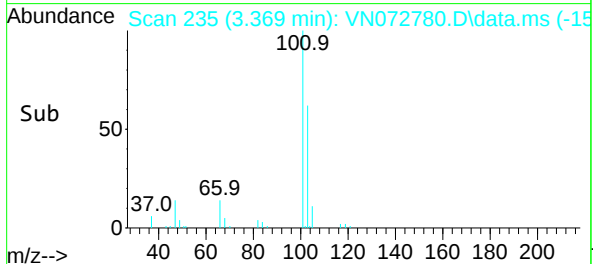
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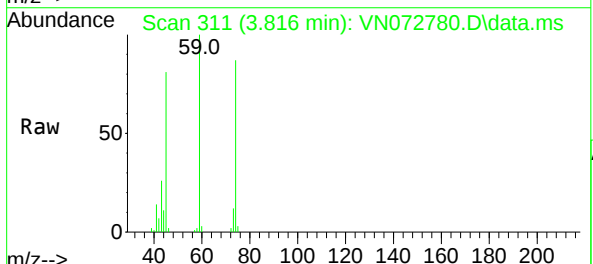
Tgt Ion:101 Resp: 88572
 Ion Ratio Lower Upper
 101 100
 103 62.4 50.1 75.1

Manual Integrations
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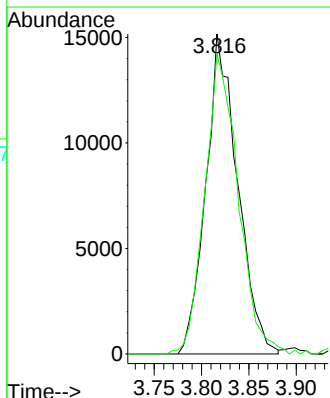
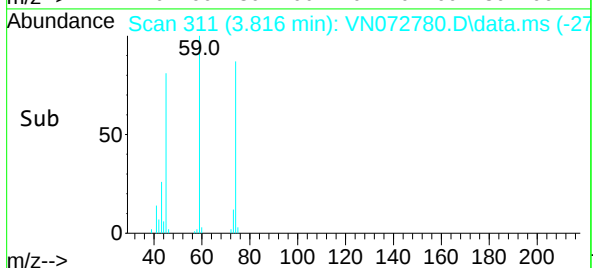
Reviewed By :John Carlone 06/13/2022
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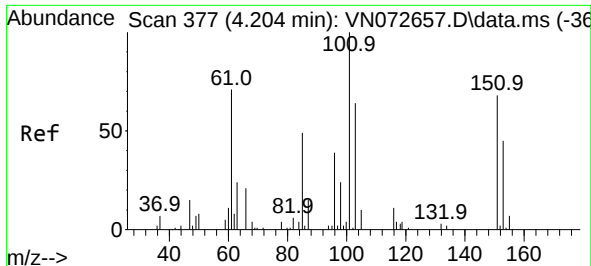


#8
 Diethyl Ether
 Concen: 20.859 ug/l
 RT: 3.816 min Scan# 311
 Delta R.T. -0.006 min
 Lab File: VN072780.D
 Acq: 11 Jun 2022 10:43



Tgt Ion: 74 Resp: 35376
 Ion Ratio Lower Upper
 74 100
 45 98.3 17.6 158.8





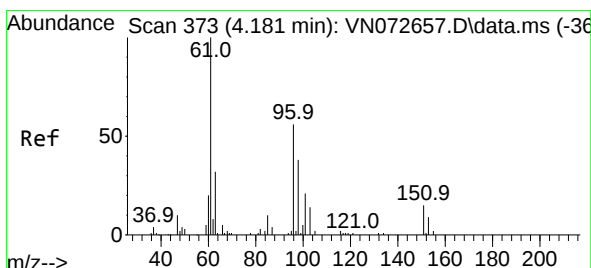
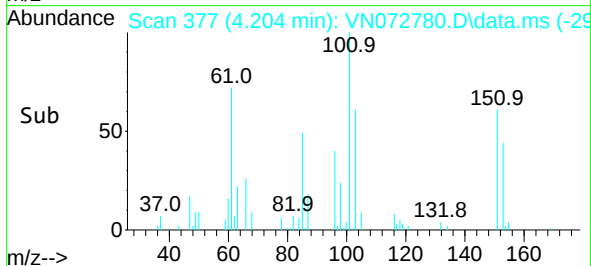
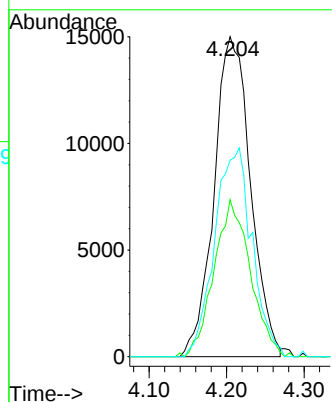
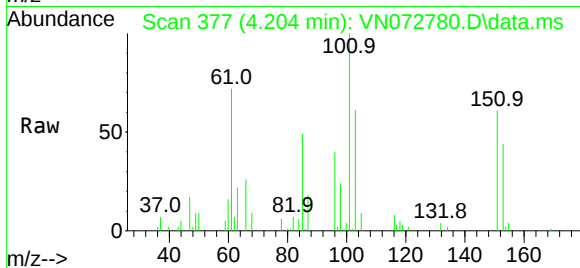
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1,1,2-Trichlorotrifluoroethane
Concen: 21.300 ug/l
RT: 4.204 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN072780.D
Acq: 11 Jun 2022 10:43

Instrument :
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ClientSampleId :
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Tgt Ion:101 Resp: 4908
Ion Ratio Lower Upper
101 100
85 48.6 0.0 94.0
151 66.7 0.0 74.6

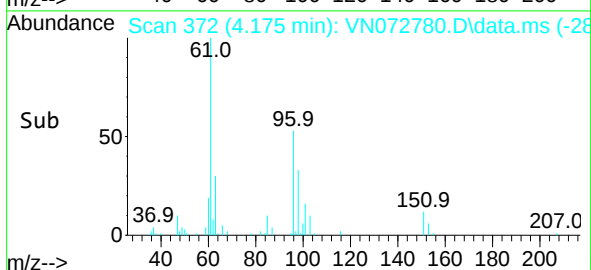
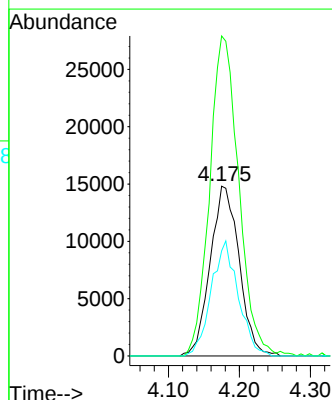
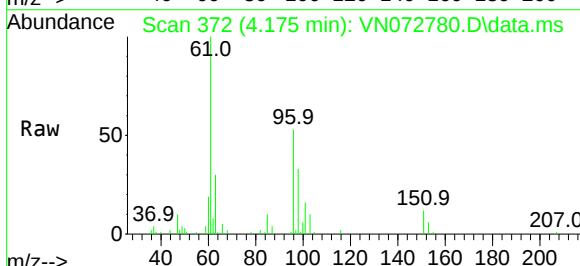
Manual Integrations
APPROVED

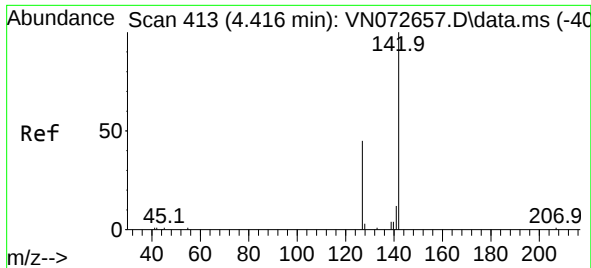
Reviewed By :John Carlone 06/13/2022
Supervised By :Mahesh Dadoda 06/13/2022



#10
1,1-Dichloroethene
Concen: 19.281 ug/l
RT: 4.175 min Scan# 372
Delta R.T. -0.006 min
Lab File: VN072780.D
Acq: 11 Jun 2022 10:43

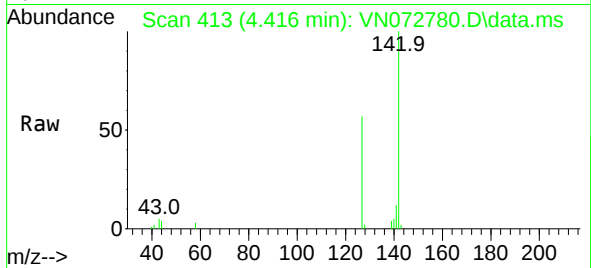
Tgt Ion: 96 Resp: 41966
Ion Ratio Lower Upper
96 100
61 188.5 126.2 189.4
98 61.9 50.9 76.3





#11
Methyl Iodide
Concen: 15.780 ug/l
RT: 4.416 min Scan# 413
Delta R.T. 0.000 min
Lab File: VN072780.D
Acq: 11 Jun 2022 10:43

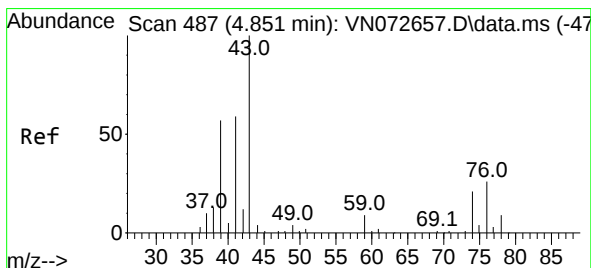
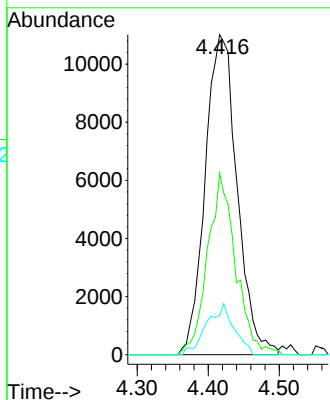
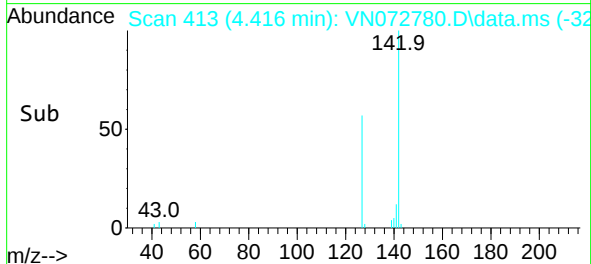
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion:142 Resp: 3438
Ion Ratio Lower Upper
142 100
127 56.3 24.0 72.0
141 12.3 8.4 25.2

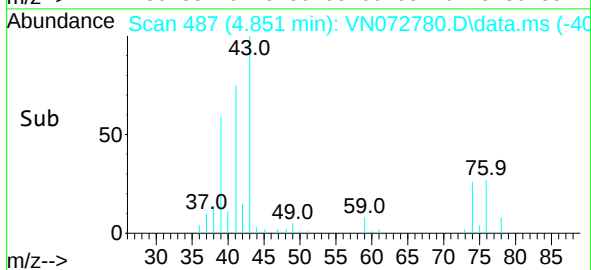
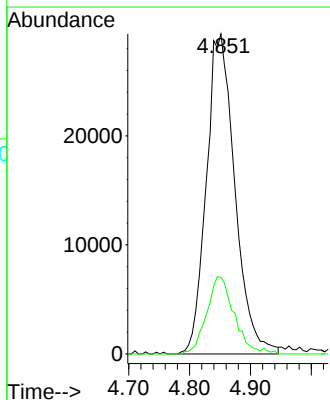
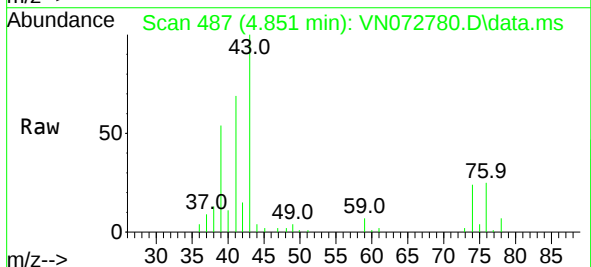
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/13/2022
Supervised By :Mahesh Dadoda 06/13/2022



#12
Methyl Acetate
Concen: 21.301 ug/l
RT: 4.851 min Scan# 487
Delta R.T. 0.000 min
Lab File: VN072780.D
Acq: 11 Jun 2022 10:43

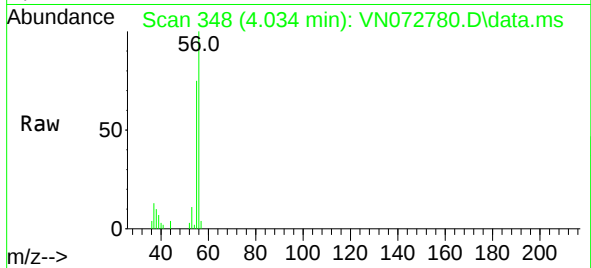
Tgt Ion: 43 Resp: 95657
Ion Ratio Lower Upper
43 100
74 24.2 20.8 31.2





#13
Acrolein
Concen: 108.453 ug/l
RT: 4.034 min Scan# 348
Delta R.T. 0.000 min
Lab File: VN072780.D
Acq: 11 Jun 2022 10:43

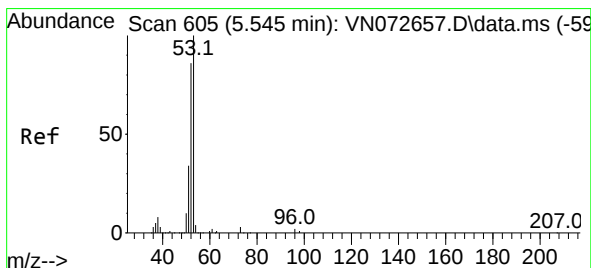
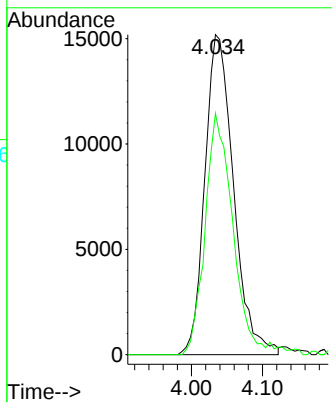
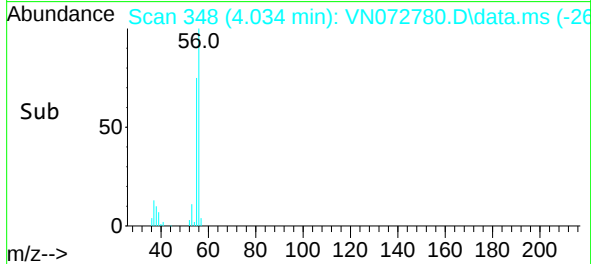
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



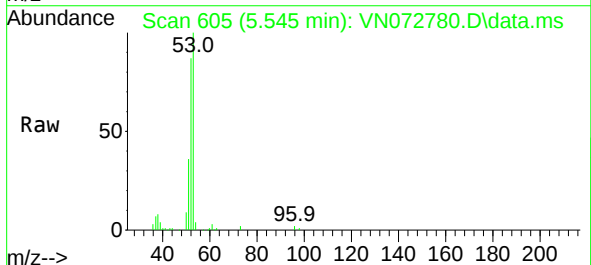
Tgt Ion: 56 Resp: 42632
Ion Ratio Lower Upper
56 100
55 71.8 57.6 86.4

Manual Integrations
APPROVED

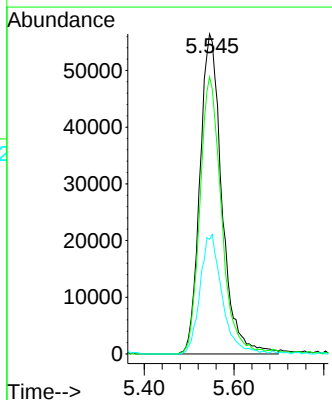
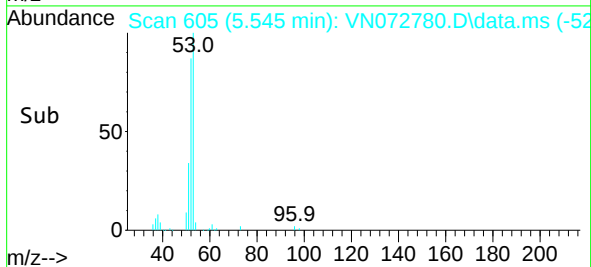
Reviewed By :John Carlone 06/13/2022
Supervised By :Mahesh Dadoda 06/13/2022

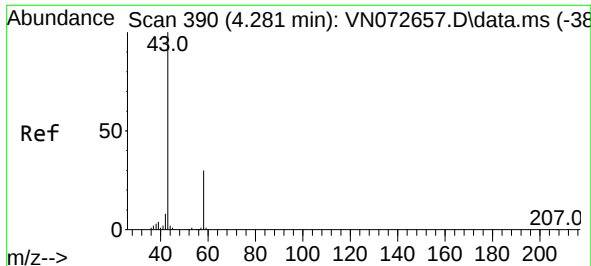


#14
Acrylonitrile
Concen: 105.022 ug/l
RT: 5.545 min Scan# 605
Delta R.T. 0.000 min
Lab File: VN072780.D
Acq: 11 Jun 2022 10:43



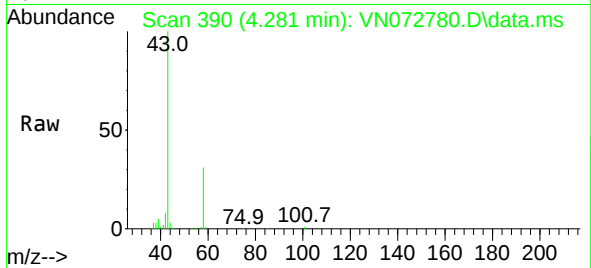
Tgt Ion: 53 Resp: 192241
Ion Ratio Lower Upper
53 100
52 84.0 41.8 125.4
51 36.6 19.0 57.0





#15
Acetone
Concen: 103.126 ug/l
RT: 4.281 min Scan# 390
Delta R.T. 0.000 min
Lab File: VN072780.D
Acq: 11 Jun 2022 10:43

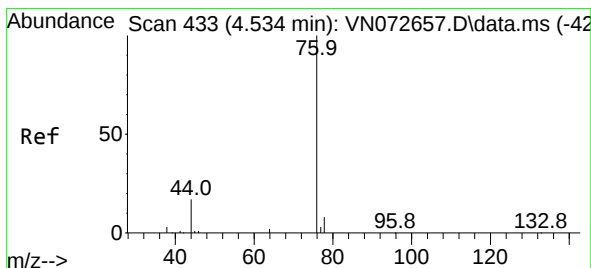
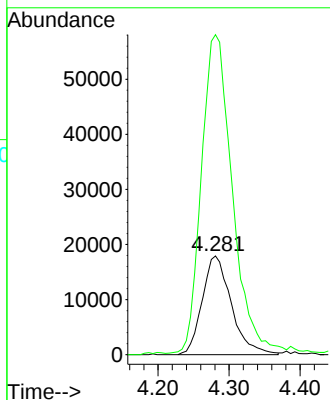
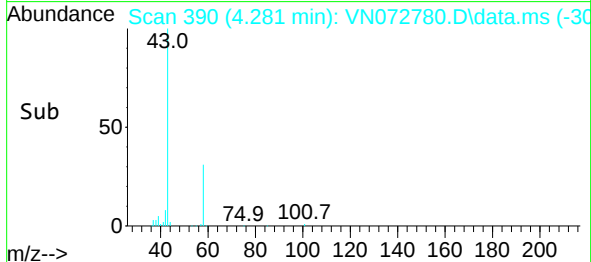
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion: 58 Resp: 51110
Ion Ratio Lower Upper
58 100
43 321.2 256.6 384.8

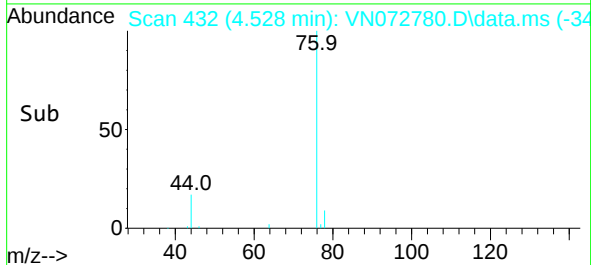
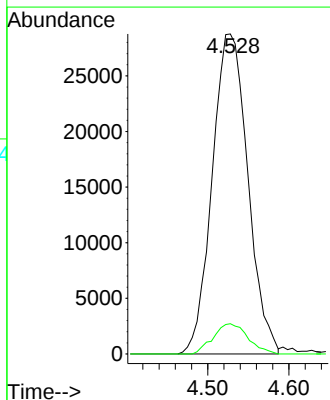
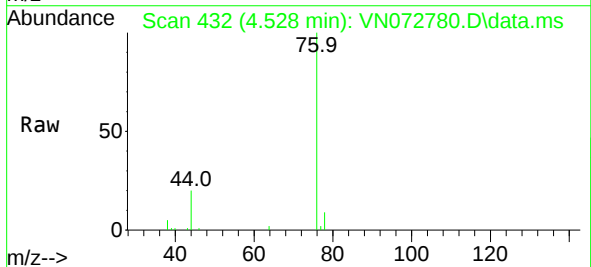
Manual Integrations
APPROVED

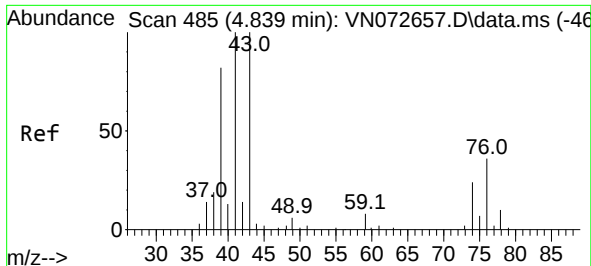
Reviewed By :John Carlone 06/13/2022
Supervised By :Mahesh Dadoda 06/13/2022



#16
Carbon Disulfide
Concen: 15.988 ug/l
RT: 4.528 min Scan# 432
Delta R.T. -0.006 min
Lab File: VN072780.D
Acq: 11 Jun 2022 10:43

Tgt Ion: 76 Resp: 87725
Ion Ratio Lower Upper
76 100
78 9.5 7.8 11.8





#17

Allyl chloride

Concen: 20.318 ug/l

RT: 4.834 min Scan# 41

Delta R.T. -0.006 min

Lab File: VN072780.D

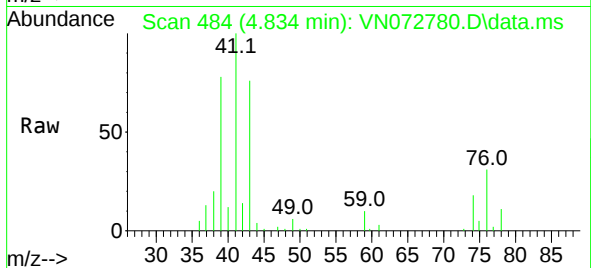
Acq: 11 Jun 2022 10:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020



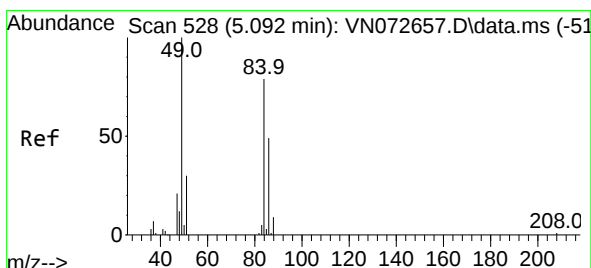
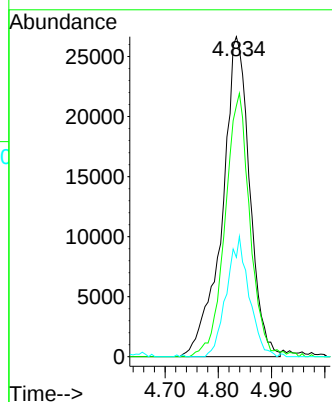
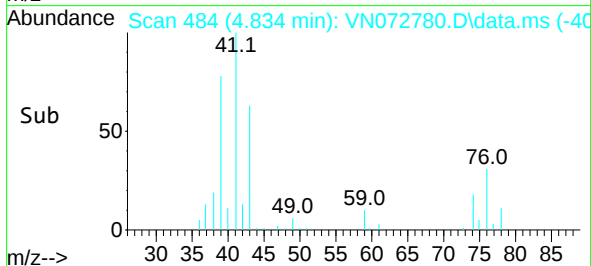
Tgt Ion:	41	Resp:	95534
Ion Ratio	Lower	Upper	
41	100		
39	78.3	44.6	134.0
76	31.1	19.6	58.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/13/2022

Supervised By :Mahesh Dadoda 06/13/2022



#18

Methylene Chloride

Concen: 20.083 ug/l

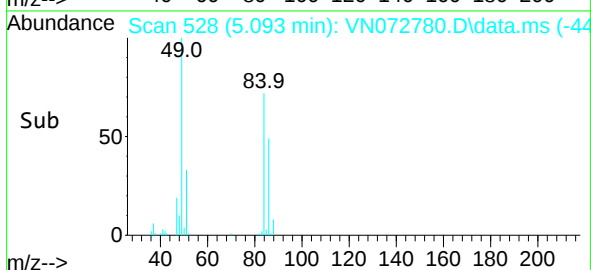
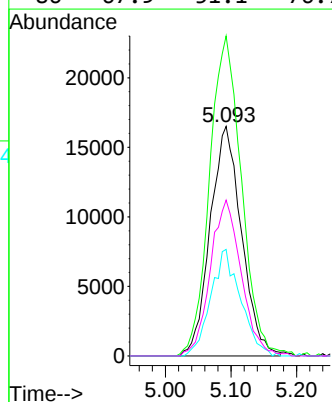
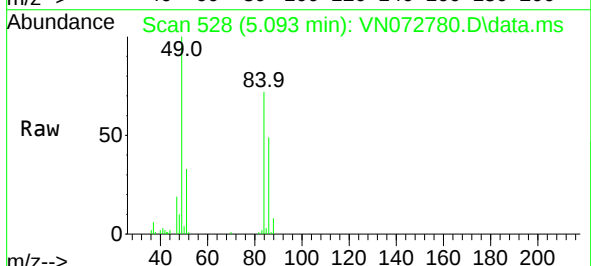
RT: 5.093 min Scan# 528

Delta R.T. 0.000 min

Lab File: VN072780.D

Acq: 11 Jun 2022 10:43

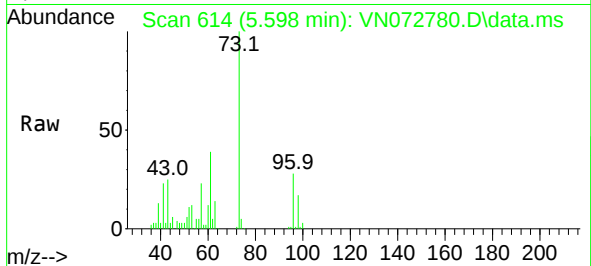
Tgt Ion:	84	Resp:	54886
Ion Ratio	Lower	Upper	
84	100		
49	138.5	91.4	137.0#
51	46.4	29.4	44.0#
86	67.9	51.1	76.7





#19
trans-1,2-Dichloroethene
Concen: 19.661 ug/l
RT: 5.598 min Scan# 613
Delta R.T. 0.006 min
Lab File: VN072780.D
Acq: 11 Jun 2022 10:43

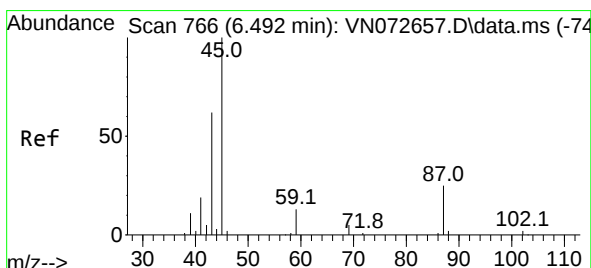
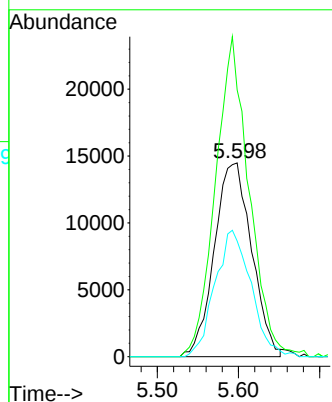
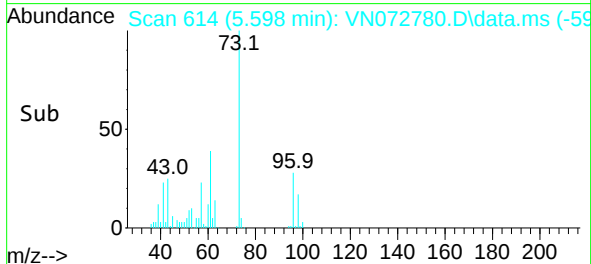
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



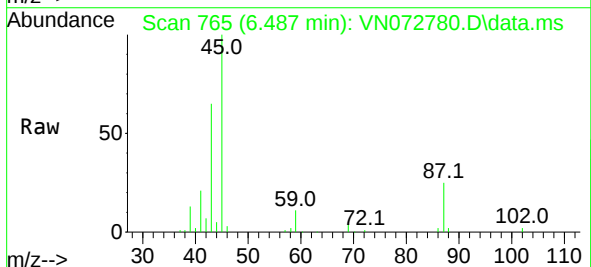
Tgt Ion: 96 Resp: 46310
Ion Ratio Lower Upper
96 100
61 137.6 102.8 154.2
98 59.7 49.3 73.9

Manual Integrations
APPROVED

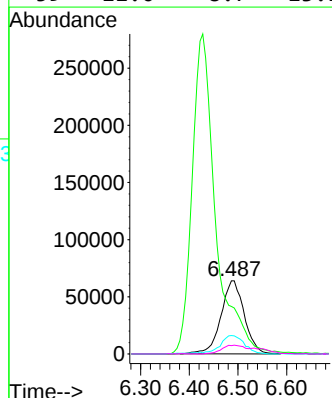
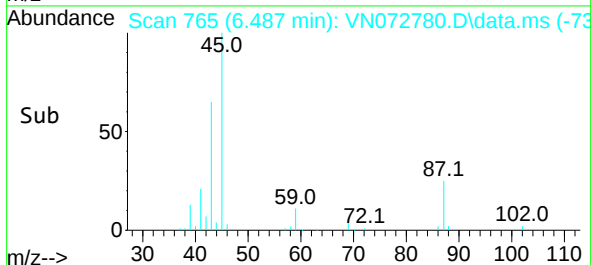
Reviewed By :John Carlone 06/13/2022
Supervised By :Mahesh Dadoda 06/13/2022

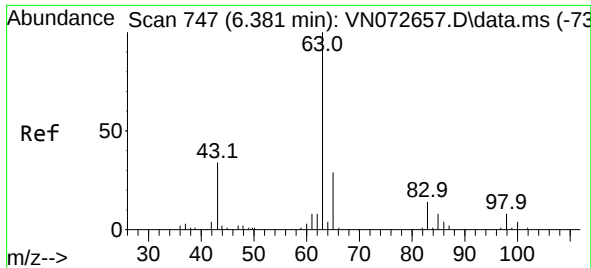


#20
Diisopropyl ether
Concen: 22.787 ug/l
RT: 6.487 min Scan# 765
Delta R.T. -0.006 min
Lab File: VN072780.D
Acq: 11 Jun 2022 10:43



Tgt Ion: 45 Resp: 212191
Ion Ratio Lower Upper
45 100
43 62.5 51.0 76.4
87 24.9 25.0 37.4#
59 11.0 8.7 13.1





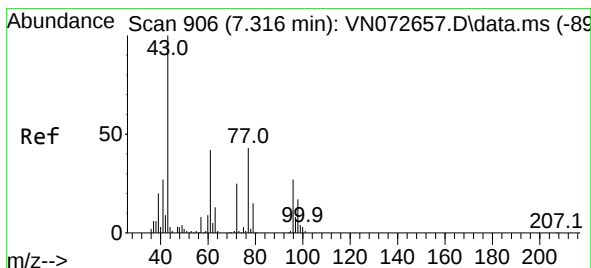
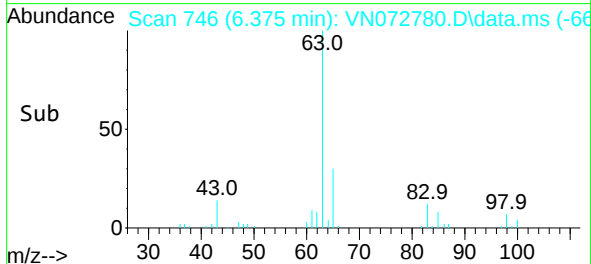
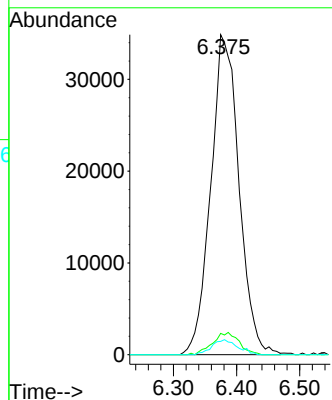
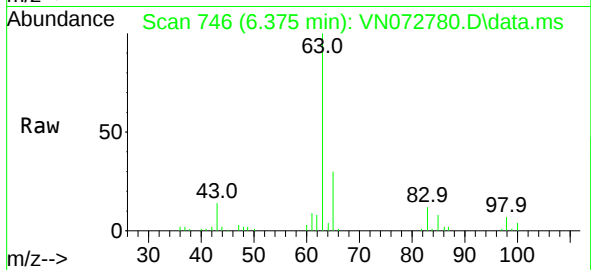
#21
1,1-Dichloroethane
Concen: 20.921 ug/l
RT: 6.375 min Scan# 747
Delta R.T. -0.006 min
Lab File: VN072780.D
Acq: 11 Jun 2022 10:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 63 Resp: 108235
Ion Ratio Lower Upper
63 100
98 6.7 3.2 9.6
100 4.2 2.1 6.2

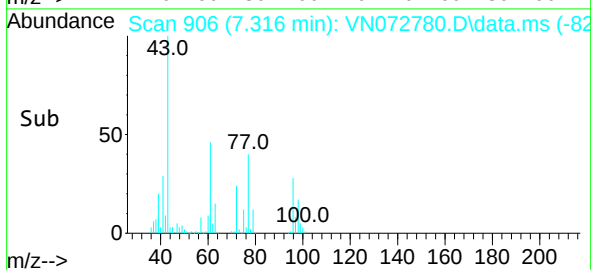
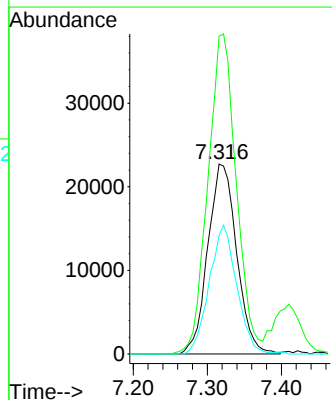
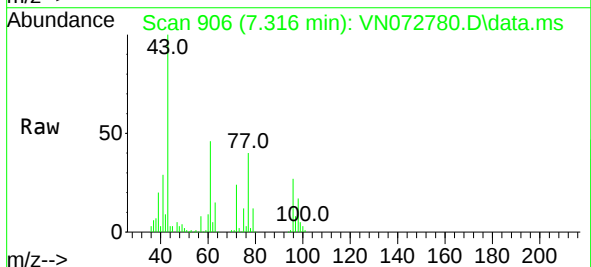
Manual Integrations
APPROVED

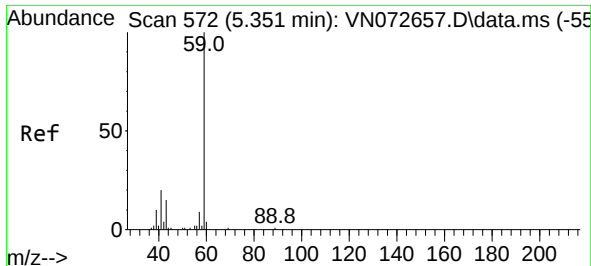
Reviewed By :John Carlone 06/13/2022
Supervised By :Mahesh Dadoda 06/13/2022



#22
cis-1,2-Dichloroethene
Concen: 20.807 ug/l
RT: 7.316 min Scan# 906
Delta R.T. 0.000 min
Lab File: VN072780.D
Acq: 11 Jun 2022 10:43

Tgt Ion: 96 Resp: 61387
Ion Ratio Lower Upper
96 100
61 165.6 115.7 173.5
98 64.3 51.6 77.4





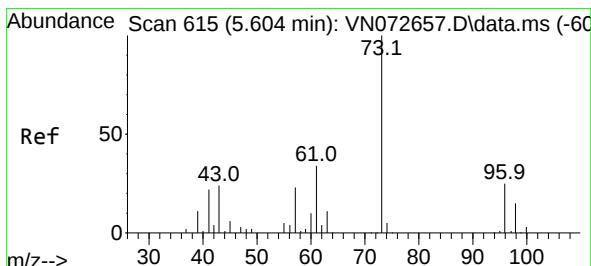
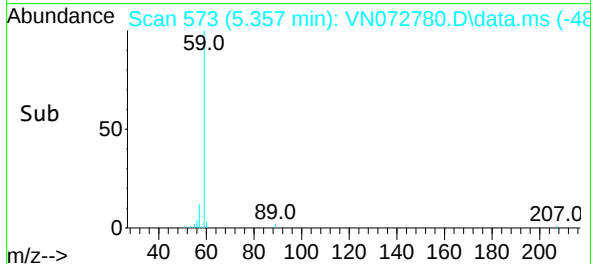
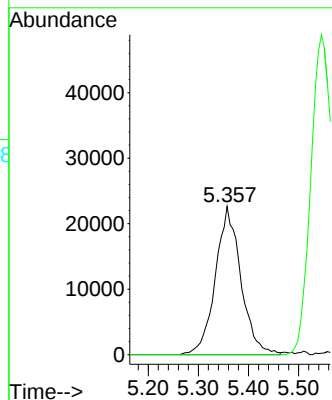
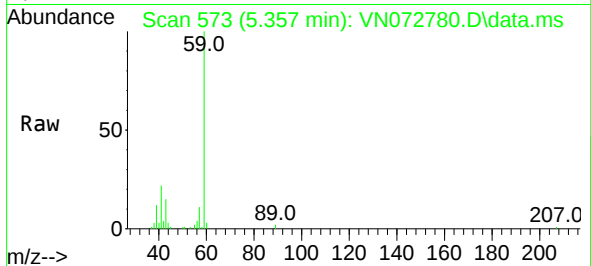
#23
tert-Butyl Alcohol
Concen: 93.689 ug/l
RT: 5.357 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN072780.D
Acq: 11 Jun 2022 10:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 59 Resp: 7980
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

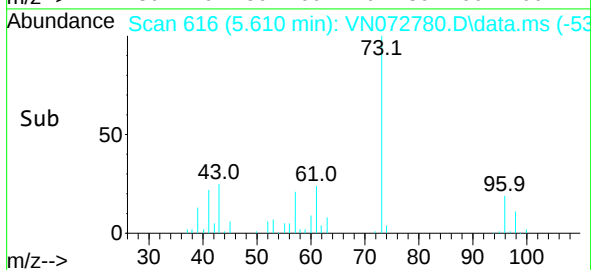
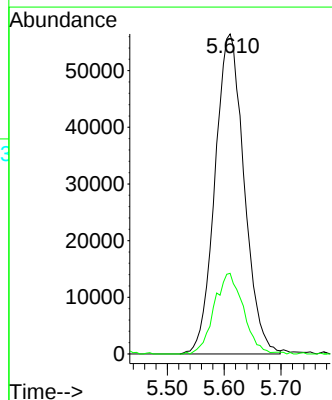
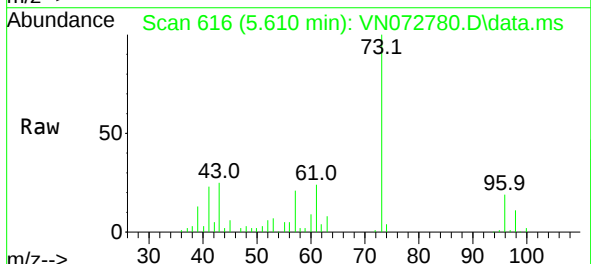
Manual Integrations
APPROVED

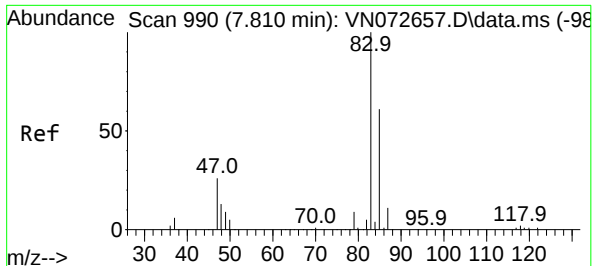
Reviewed By :John Carlone 06/13/2022
Supervised By :Mahesh Dadoda 06/13/2022



#24
Methyl tert-Butyl Ether
Concen: 20.792 ug/l
RT: 5.610 min Scan# 616
Delta R.T. 0.006 min
Lab File: VN072780.D
Acq: 11 Jun 2022 10:43

Tgt Ion: 73 Resp: 201256
Ion Ratio Lower Upper
73 100
43 25.1 18.1 27.1





#25

Chloroform

Concen: 21.711 ug/l

RT: 7.810 min Scan# 990

Delta R.T. 0.000 min

Lab File: VN072780.D

Acq: 11 Jun 2022 10:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tgt Ion: 83 Resp: 11538

Ion Ratio Lower Upper

83 100

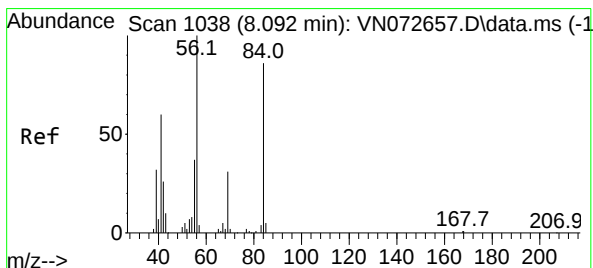
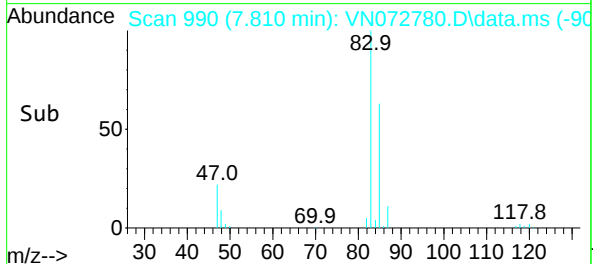
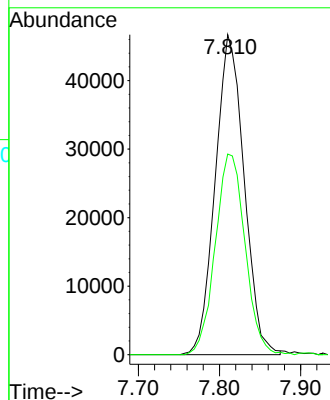
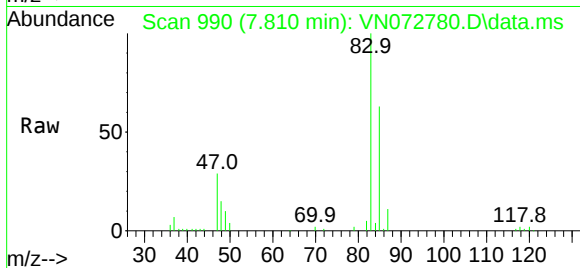
85 62.7 51.3 76.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/13/2022

Supervised By :Mahesh Dadoda 06/13/2022



#26

Cyclohexane

Concen: 19.899 ug/l

RT: 8.086 min Scan# 1037

Delta R.T. -0.006 min

Lab File: VN072780.D

Acq: 11 Jun 2022 10:43

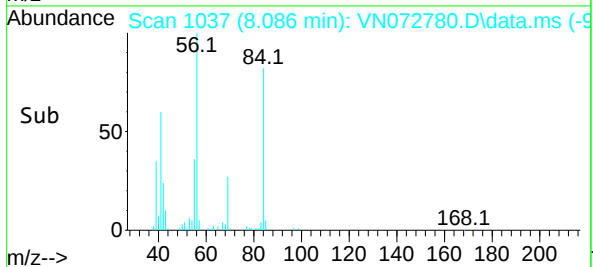
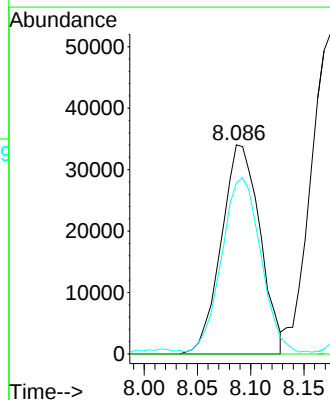
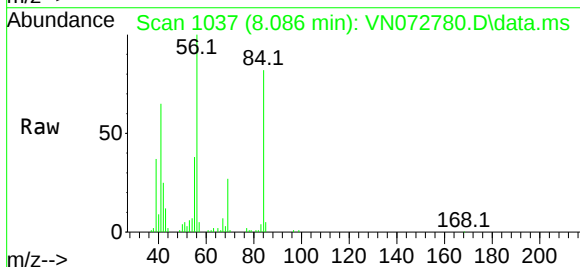
Tgt Ion: 56 Resp: 85832

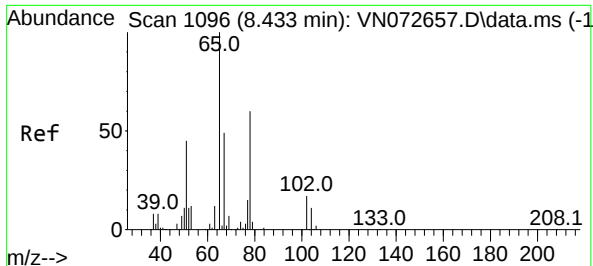
Ion Ratio Lower Upper

56 100

89 0.0 0.1 0.1#

84 86.0 74.6 111.8





#27

1,2-Dichloroethane-d4

Concen: 32.562 ug/l

RT: 8.434 min Scan# 1096

Delta R.T. 0.000 min

Lab File: VN072780.D

Acq: 11 Jun 2022 10:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tgt Ion: 65 Resp: 122330

Ion Ratio Lower Upper

65 100

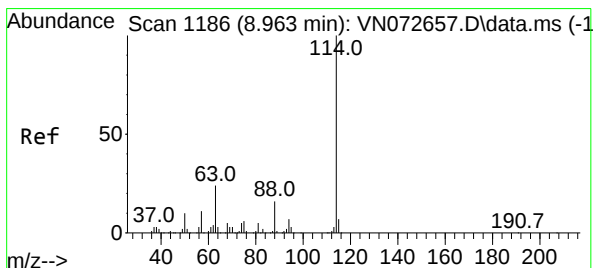
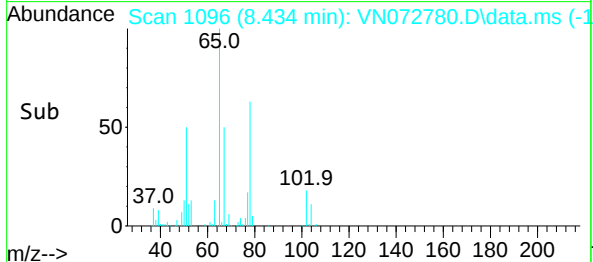
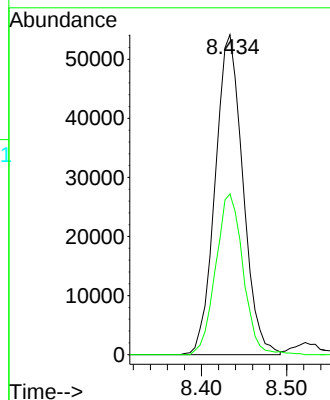
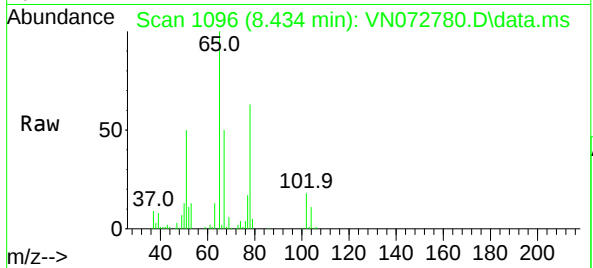
67 49.7 40.2 60.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/13/2022

Supervised By :Mahesh Dadoda 06/13/2022



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. 0.000 min

Lab File: VN072780.D

Acq: 11 Jun 2022 10:43

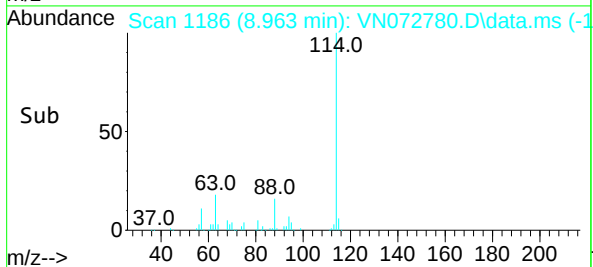
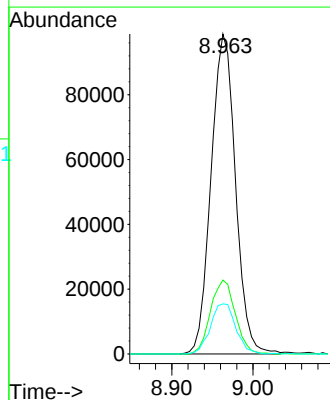
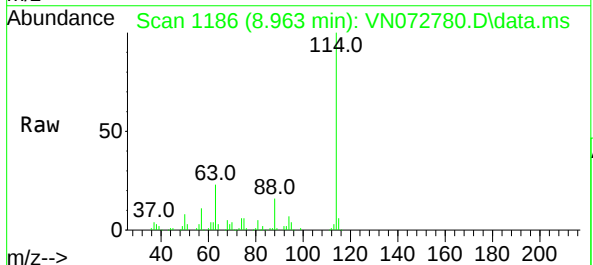
Tgt Ion:114 Resp: 206487

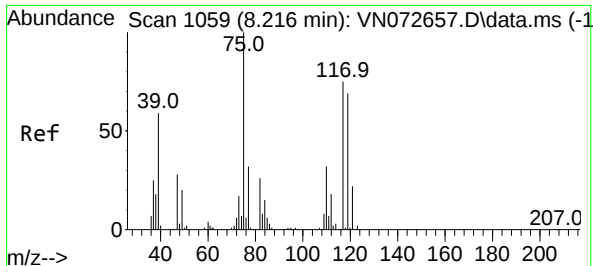
Ion Ratio Lower Upper

114 100

63 23.4 15.8 23.6

88 16.3 11.6 17.4





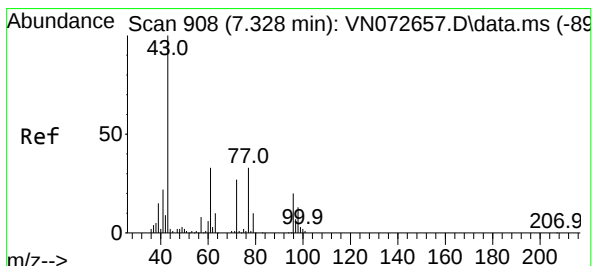
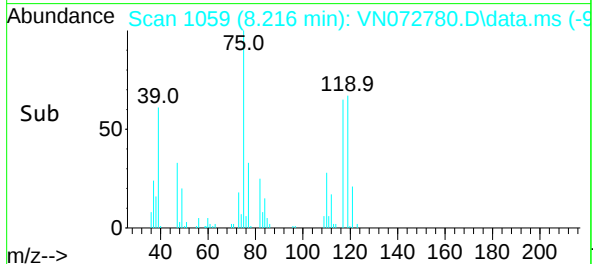
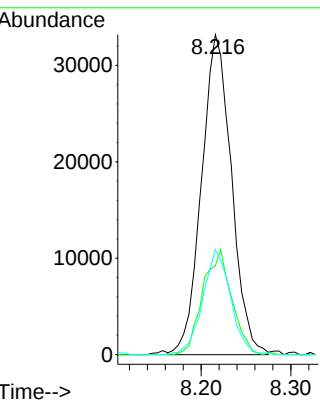
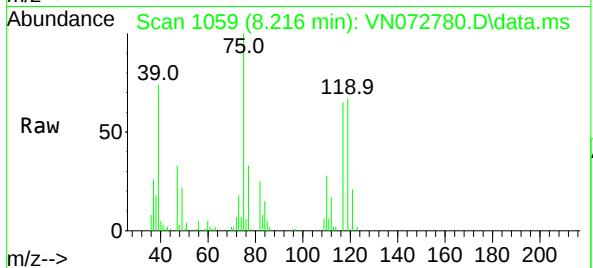
#29
1,1-Dichloropropene
Concen: 19.544 ug/l
RT: 8.216 min Scan# 1059
Delta R.T. 0.000 min
Lab File: VN072780.D
Acq: 11 Jun 2022 10:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 75 Resp: 76928
Ion Ratio Lower Upper
75 100
110 31.6 0.0 74.2
77 30.5 0.0 63.2

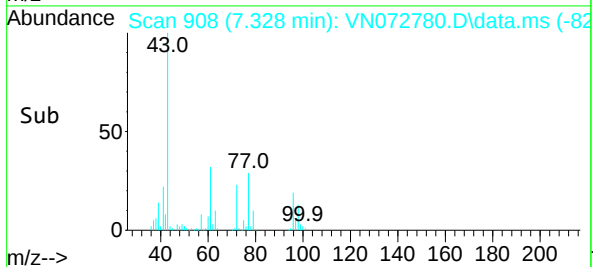
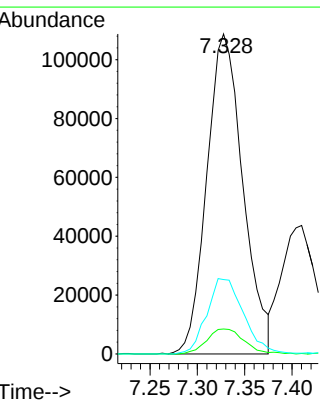
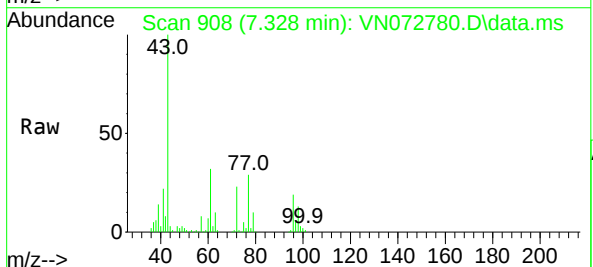
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/13/2022
Supervised By :Mahesh Dadoda 06/13/2022



#30
2-Butanone
Concen: 101.283 ug/l
RT: 7.328 min Scan# 908
Delta R.T. 0.000 min
Lab File: VN072780.D
Acq: 11 Jun 2022 10:43

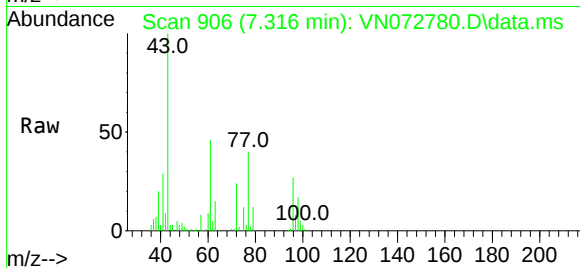
Tgt Ion: 43 Resp: 288513
Ion Ratio Lower Upper
43 100
57 7.9 6.7 10.1
72 23.9 23.2 34.8





#31
2,2-Dichloropropane
Concen: 17.679 ug/l
RT: 7.316 min Scan# 906
Delta R.T. 0.000 min
Lab File: VN072780.D
Acq: 11 Jun 2022 10:43

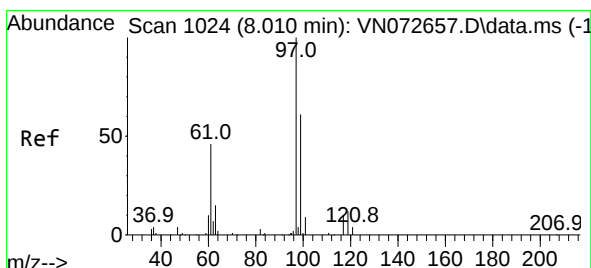
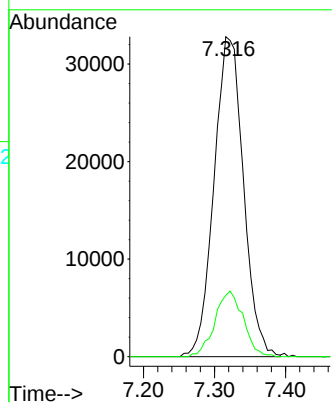
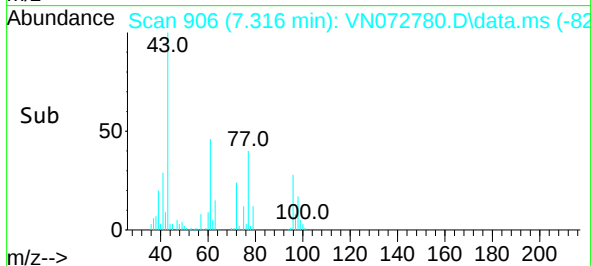
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



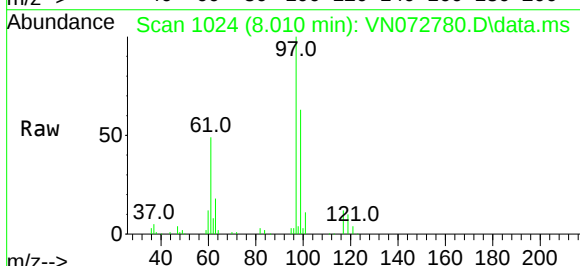
Tgt Ion: 77 Resp: 9419
Ion Ratio Lower Upper
77 100
97 19.8 18.3 27.5

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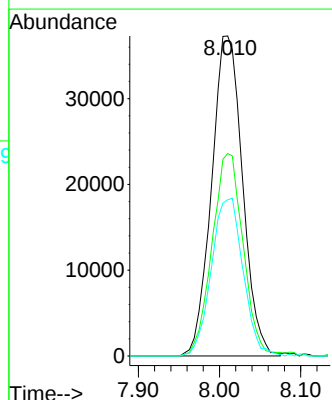
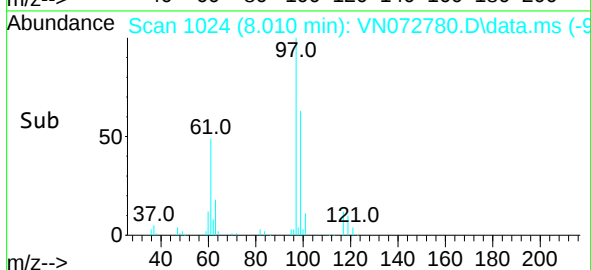
Reviewed By :John Carlone 06/13/2022
Supervised By :Mahesh Dadoda 06/13/2022

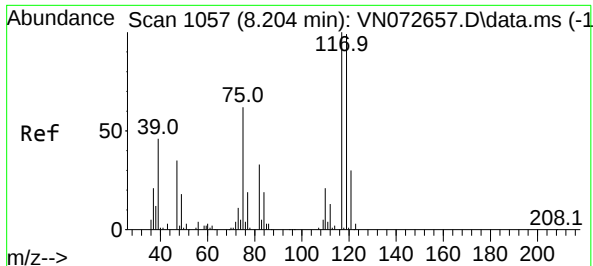


#32
1,1,1-Trichloroethane
Concen: 19.198 ug/l
RT: 8.010 min Scan# 1024
Delta R.T. 0.000 min
Lab File: VN072780.D
Acq: 11 Jun 2022 10:43



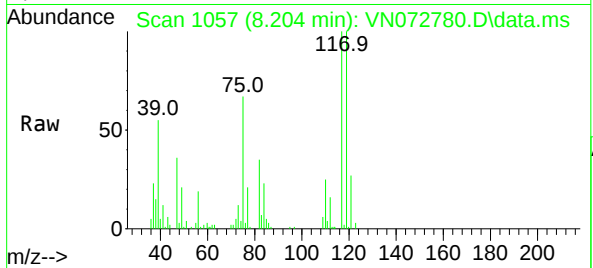
Tgt Ion: 97 Resp: 98875
Ion Ratio Lower Upper
97 100
99 63.4 50.4 75.6
61 50.4 34.6 51.8





#33
Carbon Tetrachloride
Concen: 18.211 ug/l
RT: 8.204 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VN072780.D
Acq: 11 Jun 2022 10:43

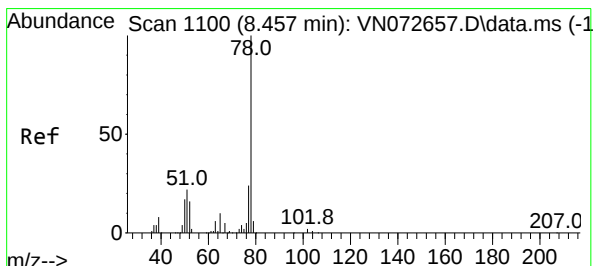
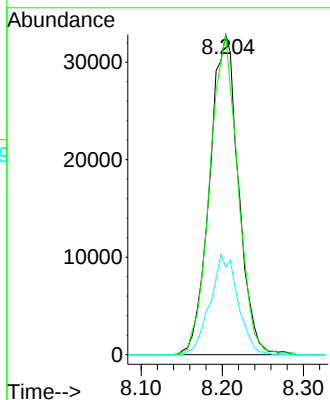
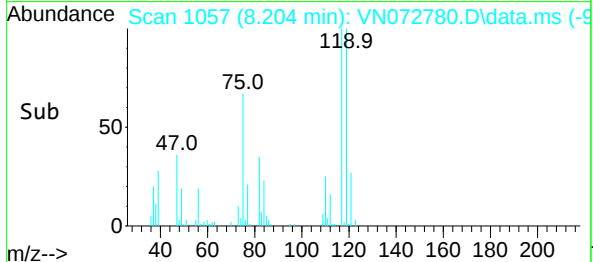
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



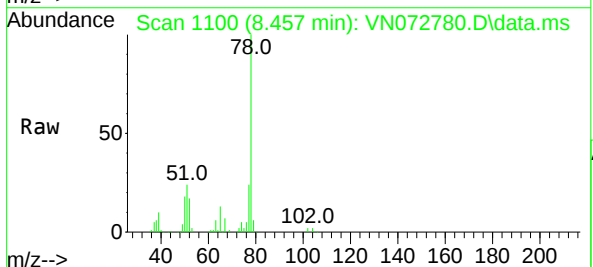
Tgt Ion:117 Resp: 8088
Ion Ratio Lower Upper
117 100
119 99.5 77.5 116.3
121 27.4 23.5 35.3

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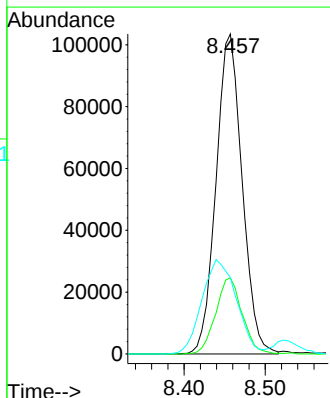
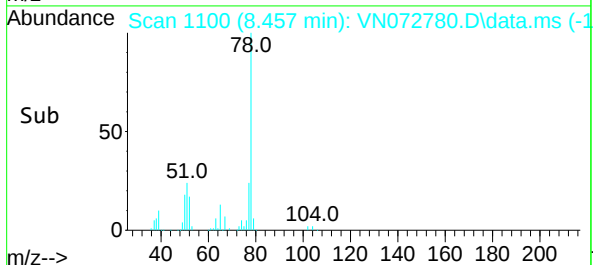
Reviewed By :John Carlone 06/13/2022
Supervised By :Mahesh Dadoda 06/13/2022



#34
Benzene
Concen: 19.866 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN072780.D
Acq: 11 Jun 2022 10:43



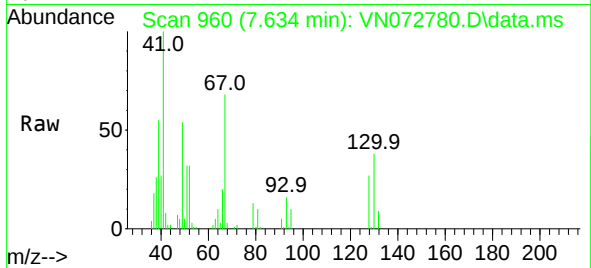
Tgt Ion: 78 Resp: 231332
Ion Ratio Lower Upper
78 100
77 23.8 19.1 28.7
51 23.3 16.0 24.0





#35
Methacrylonitrile
Concen: 18.918 ug/l
RT: 7.634 min Scan# 911
Delta R.T. 0.006 min
Lab File: VN072780.D
Acq: 11 Jun 2022 10:43

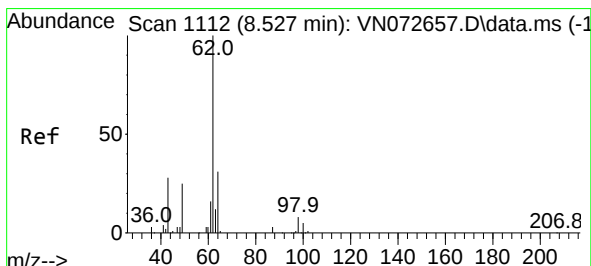
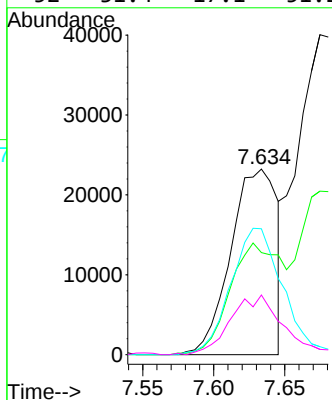
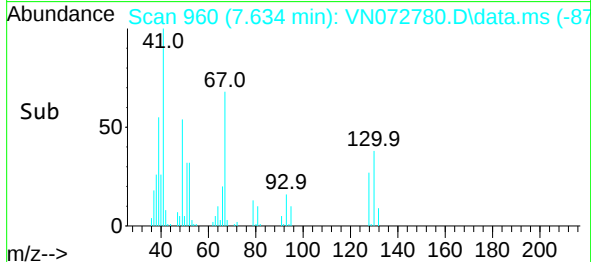
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



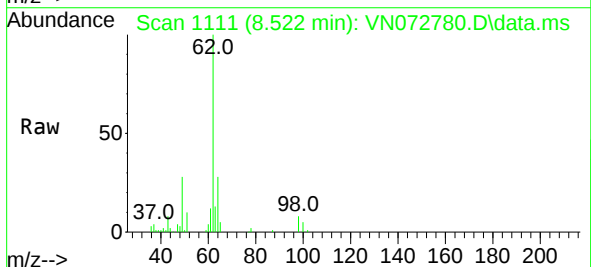
Tgt Ion: 41 Resp: 52840
Ion Ratio Lower Upper
41 100
39 54.1 28.0 83.9
67 67.9 37.7 113.1
52 31.4 17.1 51.2

Manual Integrations
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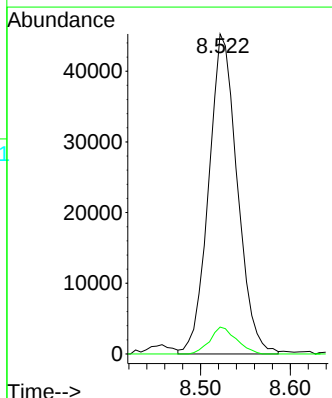
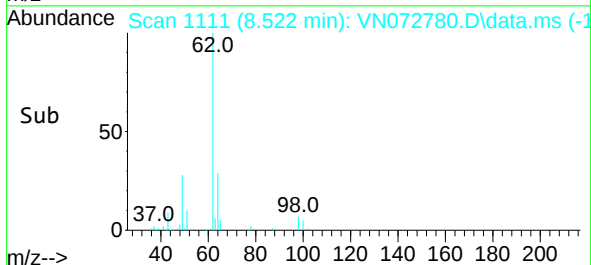
Reviewed By :John Carlone 06/13/2022
Supervised By :Mahesh Dadoda 06/13/2022

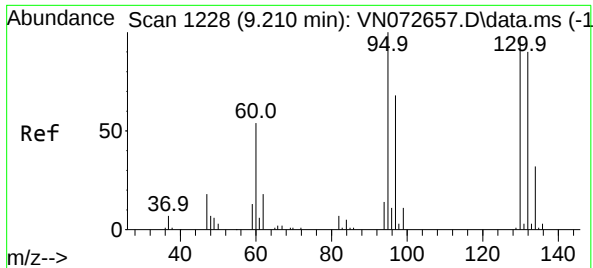


#36
1,2-Dichloroethane
Concen: 20.362 ug/l
RT: 8.522 min Scan# 1111
Delta R.T. -0.006 min
Lab File: VN072780.D
Acq: 11 Jun 2022 10:43



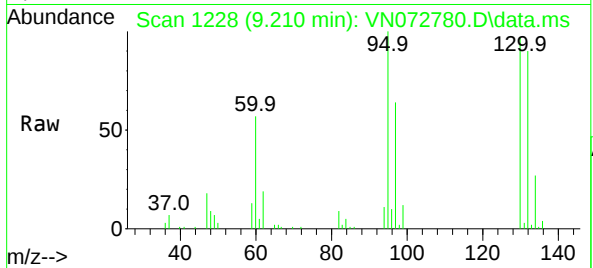
Tgt Ion: 62 Resp: 100174
Ion Ratio Lower Upper
62 100
98 7.7 6.6 10.0





#37
Trichloroethene
Concen: 19.323 ug/l
RT: 9.210 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VN072780.D
Acq: 11 Jun 2022 10:43

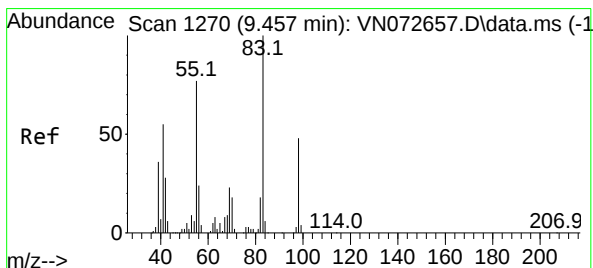
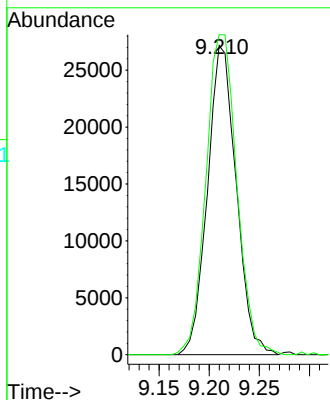
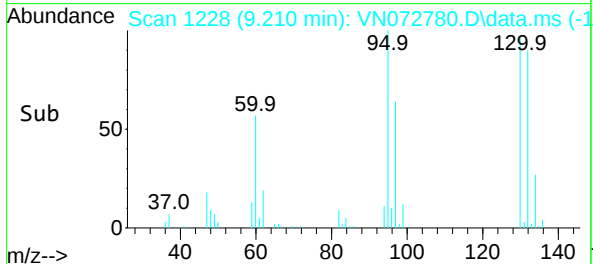
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



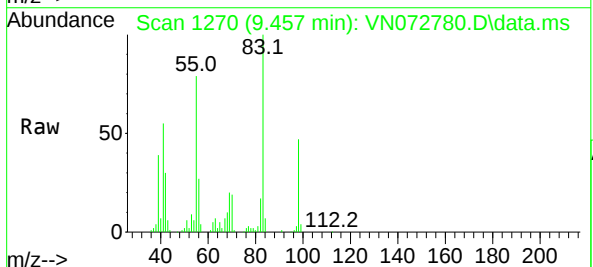
Tgt Ion:130 Resp: 5424
Ion Ratio Lower Upper
130 100
95 102.8 76.6 115.0

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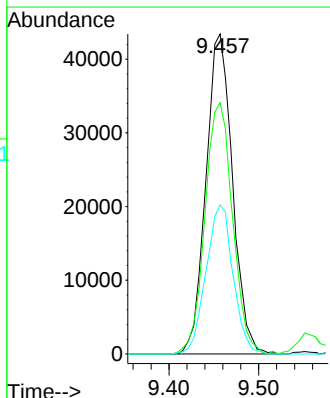
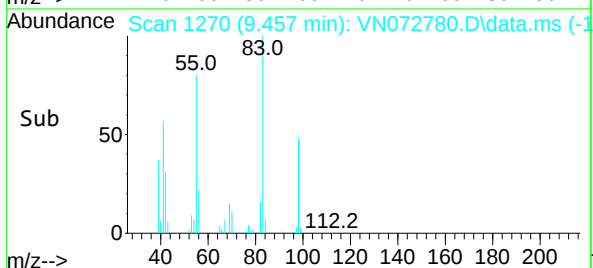
Reviewed By :John Carlone 06/13/2022
Supervised By :Mahesh Dadoda 06/13/2022

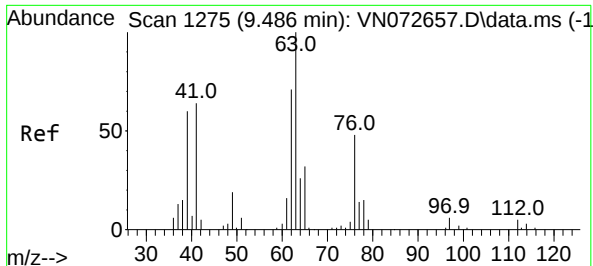


#38
Methylcyclohexane
Concen: 18.981 ug/l
RT: 9.457 min Scan# 1270
Delta R.T. 0.000 min
Lab File: VN072780.D
Acq: 11 Jun 2022 10:43



Tgt Ion: 83 Resp: 89191
Ion Ratio Lower Upper
83 100
55 81.7 35.1 105.3
98 47.5 23.4 70.2





#39

1,2-Dichloropropane

Concen: 20.011 ug/l

RT: 9.486 min Scan# 1275

Delta R.T. 0.000 min

Lab File: VN072780.D

Acq: 11 Jun 2022 10:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tgt Ion: 63 Resp: 64019

Ion Ratio Lower Upper

63 100

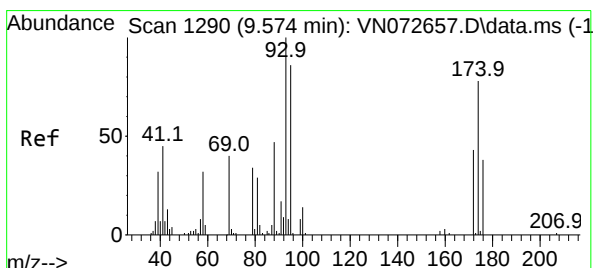
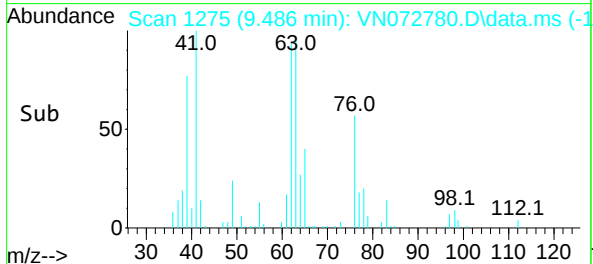
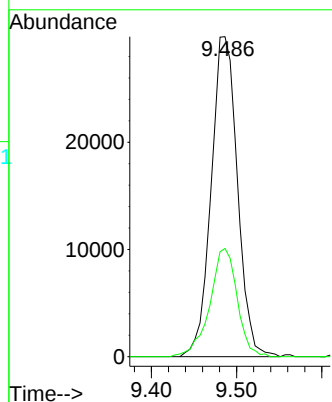
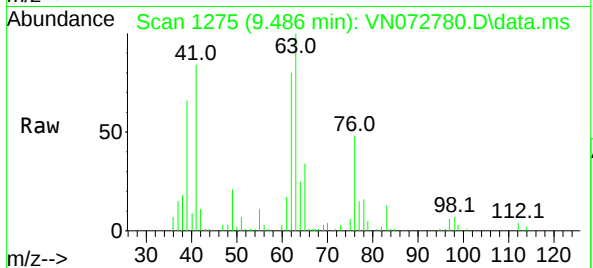
65 33.8 24.2 36.4

Manual Integrations

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Reviewed By :John Carlone 06/13/2022

Supervised By :Mahesh Dadoda 06/13/2022



#40

Dibromomethane

Concen: 20.205 ug/l

RT: 9.575 min Scan# 1290

Delta R.T. 0.000 min

Lab File: VN072780.D

Acq: 11 Jun 2022 10:43

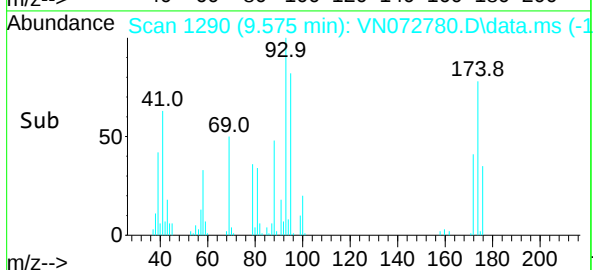
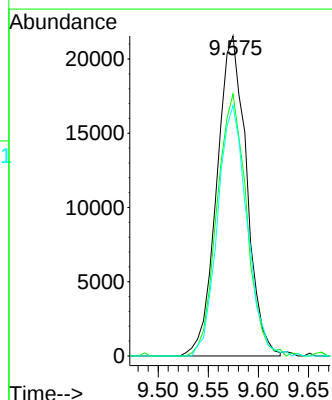
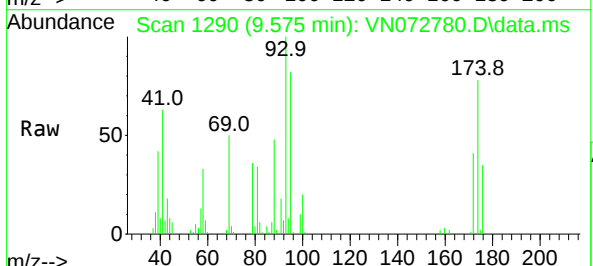
Tgt Ion: 93 Resp: 44372

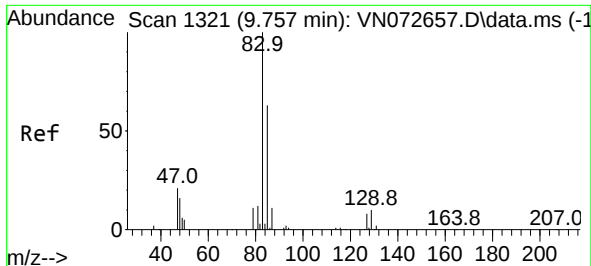
Ion Ratio Lower Upper

93 100

95 81.3 0.0 168.8

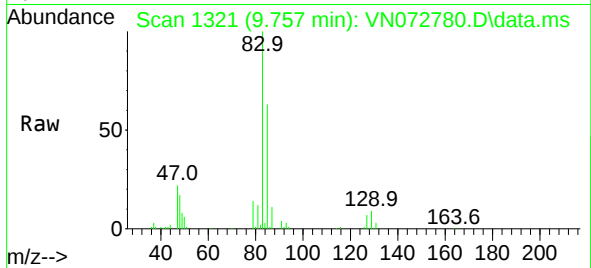
174 77.3 0.0 173.6





#41
Bromodichloromethane
Concen: 19.704 ug/l
RT: 9.757 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN072780.D
Acq: 11 Jun 2022 10:43

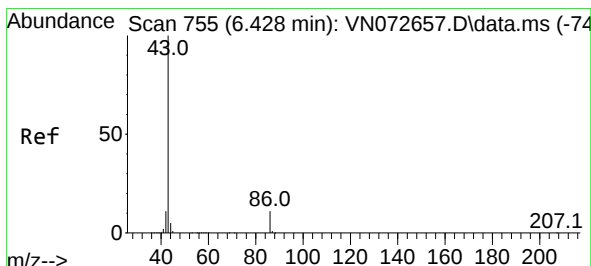
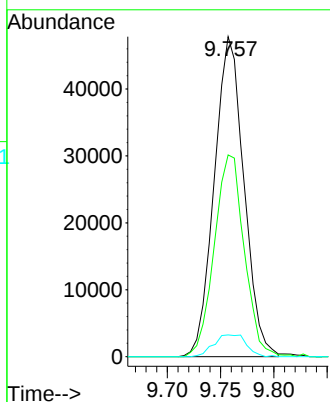
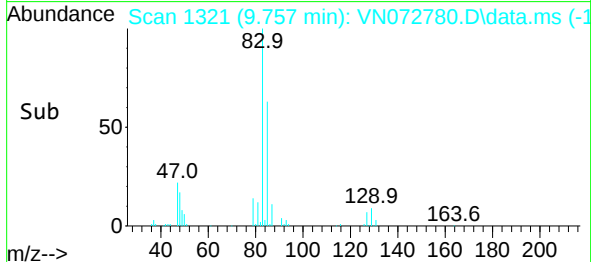
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion: 83 Resp: 92562
Ion Ratio Lower Upper
83 100
85 63.1 54.1 81.1
127 7.3 7.6 11.4

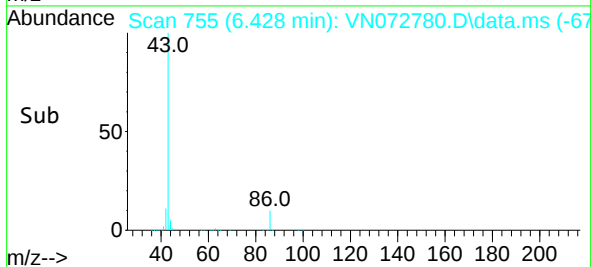
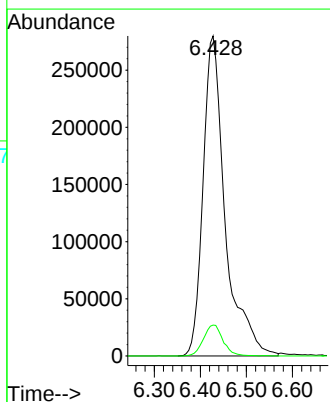
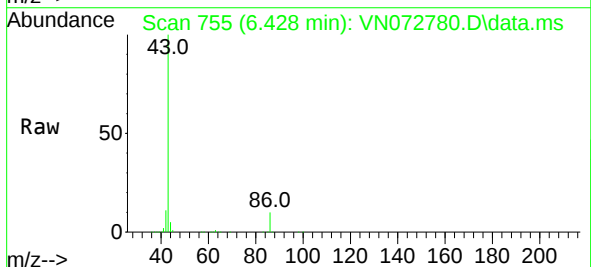
Manual Integrations
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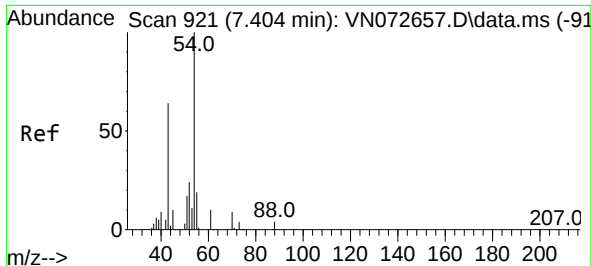
Reviewed By :John Carlone 06/13/2022
Supervised By :Mahesh Dadoda 06/13/2022



#42
Vinyl Acetate
Concen: 100.908 ug/l
RT: 6.428 min Scan# 755
Delta R.T. 0.000 min
Lab File: VN072780.D
Acq: 11 Jun 2022 10:43

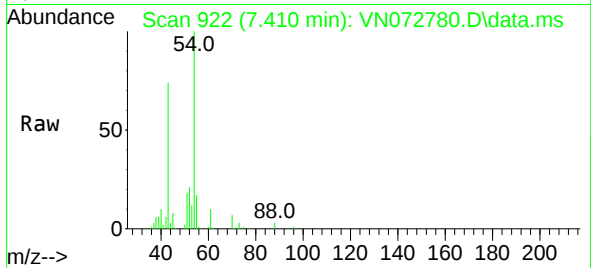
Tgt Ion: 43 Resp: 935792
Ion Ratio Lower Upper
43 100
86 8.6 7.5 11.3





#43
Ethyl Acetate
Concen: 19.836 ug/l
RT: 7.410 min Scan# 911
Delta R.T. 0.006 min
Lab File: VN072780.D
Acq: 11 Jun 2022 10:43

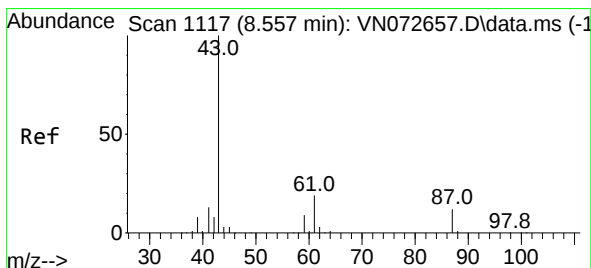
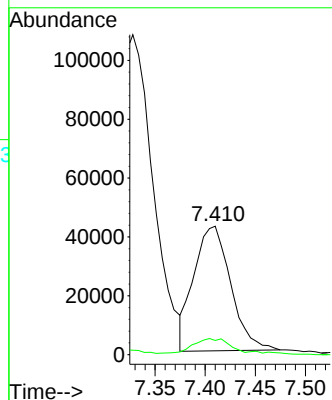
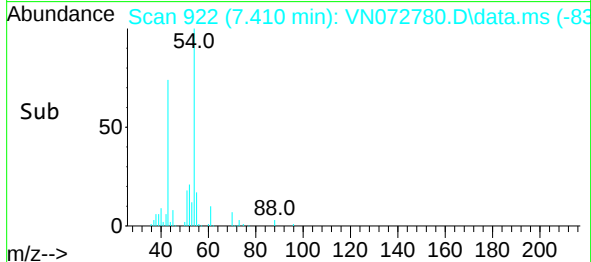
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



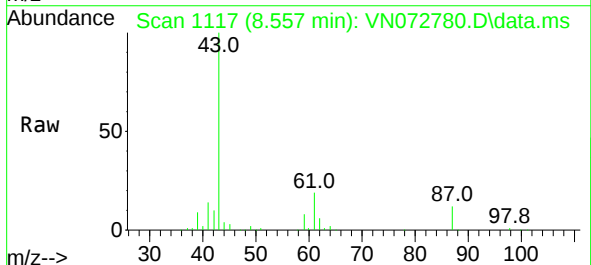
Tgt Ion: 43 Resp: 108260
Ion Ratio Lower Upper
43 100
45 7.4 10.6 16.0

Manual Integrations
APPROVED

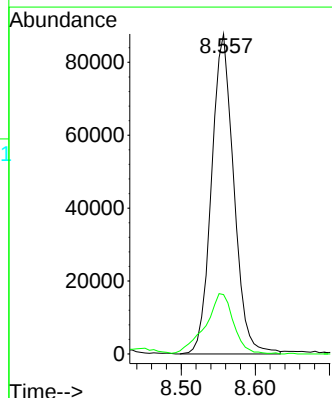
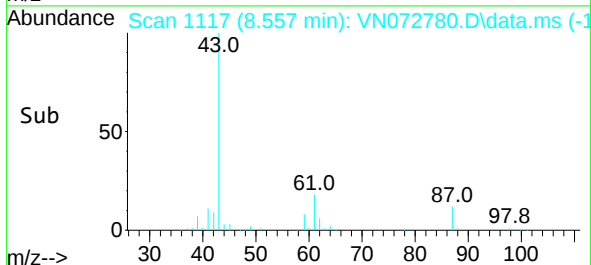
Reviewed By :John Carlone 06/13/2022
Supervised By :Mahesh Dadoda 06/13/2022

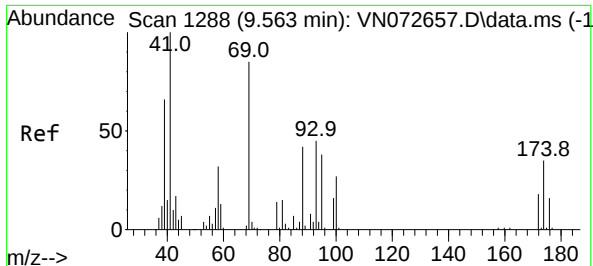


#44
Isopropyl Acetate
Concen: 20.248 ug/l
RT: 8.557 min Scan# 1117
Delta R.T. 0.000 min
Lab File: VN072780.D
Acq: 11 Jun 2022 10:43



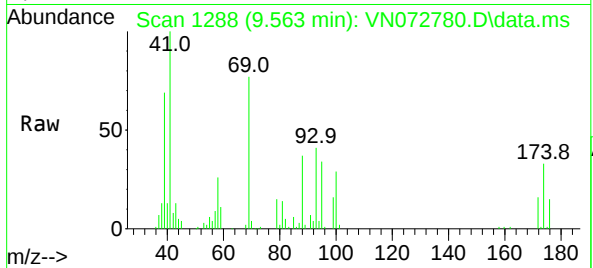
Tgt Ion: 43 Resp: 183310
Ion Ratio Lower Upper
43 100
61 23.8 20.1 30.1





#45
1,4-Dioxane
Concen: 377.758 ug/l
RT: 9.563 min Scan# 1288
Delta R.T. 0.000 min
Lab File: VN072780.D
Acq: 11 Jun 2022 10:43

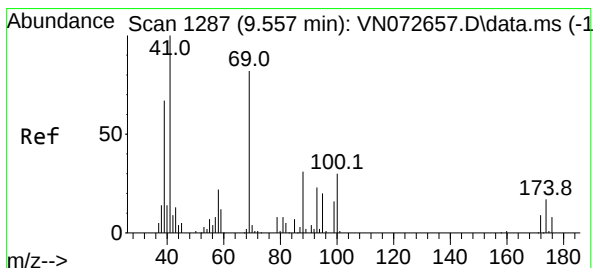
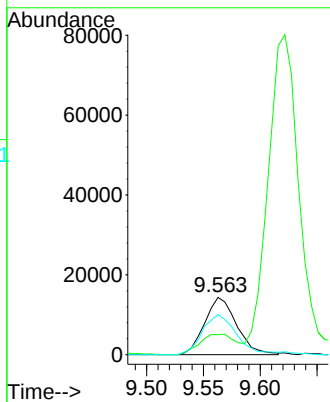
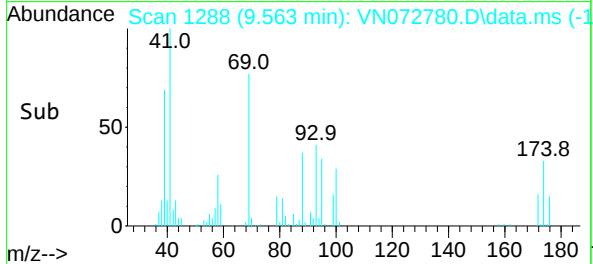
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



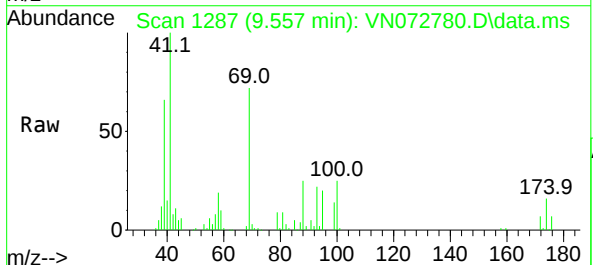
Tgt Ion: 88 Resp: 28104
Ion Ratio Lower Upper
88 100
43 42.2 25.0 37.6
58 74.6 49.4 74.2

Manual Integrations
APPROVED

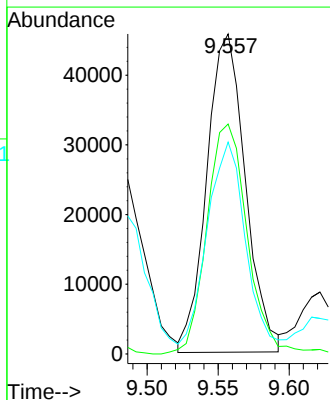
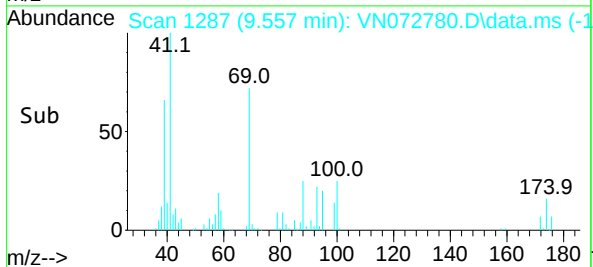
Reviewed By :John Carlone 06/13/2022
Supervised By :Mahesh Dadoda 06/13/2022

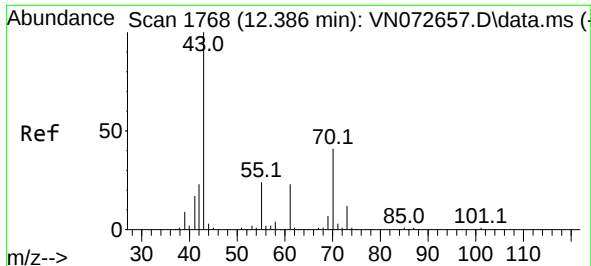


#46
Methyl methacrylate
Concen: 21.363 ug/l
RT: 9.557 min Scan# 1287
Delta R.T. 0.000 min
Lab File: VN072780.D
Acq: 11 Jun 2022 10:43



Tgt Ion: 41 Resp: 86477
Ion Ratio Lower Upper
41 100
69 73.0 44.4 133.2
39 65.4 39.9 119.6





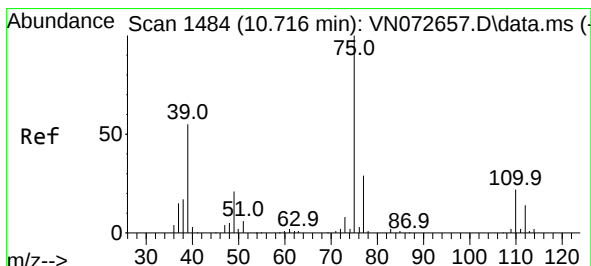
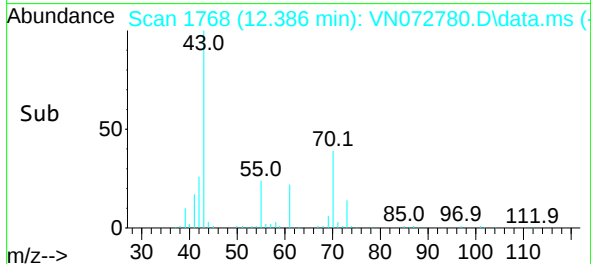
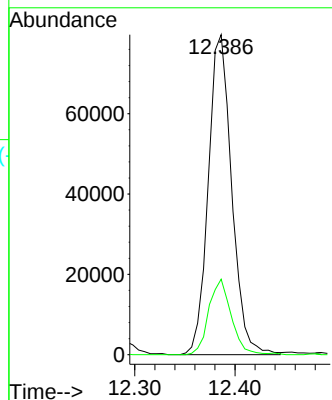
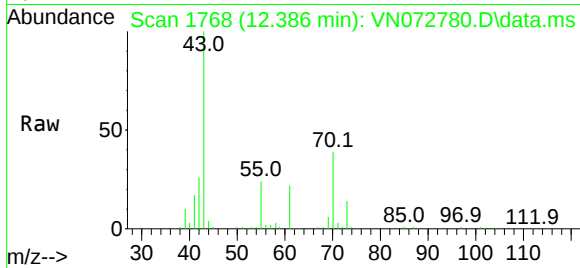
#47
n-amy1 Acetate
Concen: 18.732 ug/l
RT: 12.386 min Scan# 1768
Delta R.T. 0.000 min
Lab File: VN072780.D
Acq: 11 Jun 2022 10:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 43 Resp: 129836
Ion Ratio Lower Upper
43 100
55 22.6 19.0 28.6

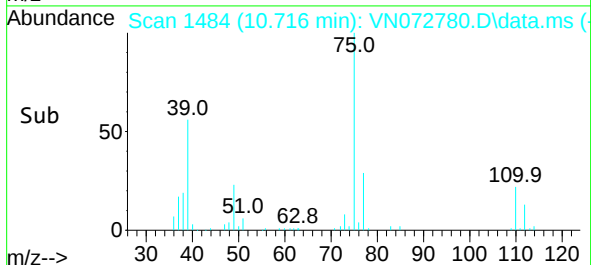
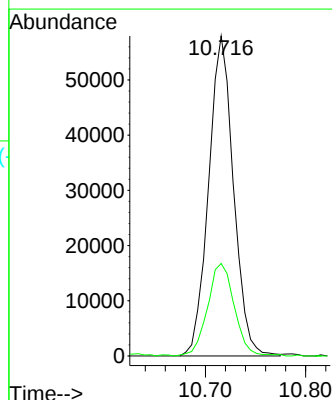
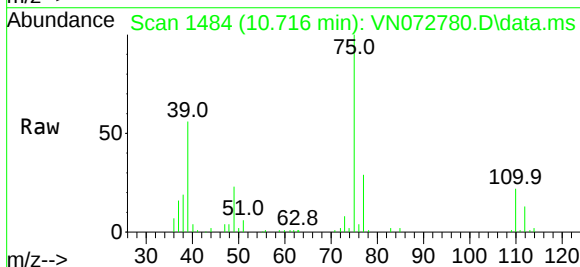
Manual Integrations
APPROVED

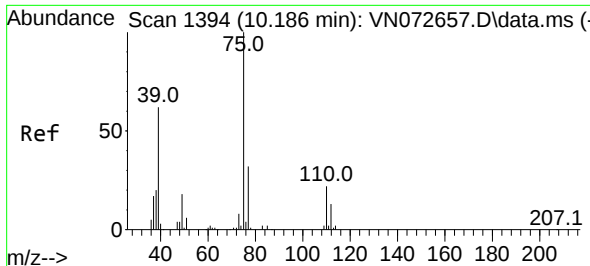
Reviewed By :John Carlone 06/13/2022
Supervised By :Mahesh Dadoda 06/13/2022



#48
t-1,3-Dichloropropene
Concen: 18.671 ug/l
RT: 10.716 min Scan# 1484
Delta R.T. 0.000 min
Lab File: VN072780.D
Acq: 11 Jun 2022 10:43

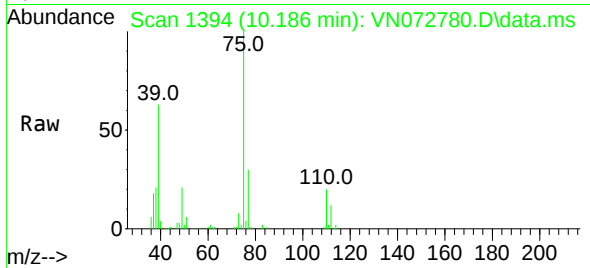
Tgt Ion: 75 Resp: 100118
Ion Ratio Lower Upper
75 100
77 28.6 25.3 37.9





#49
cis-1,3-Dichloropropene
Concen: 19.463 ug/l
RT: 10.186 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN072780.D
Acq: 11 Jun 2022 10:43

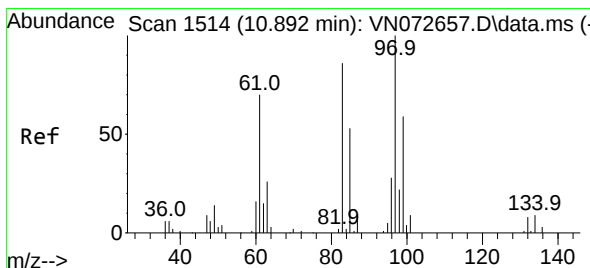
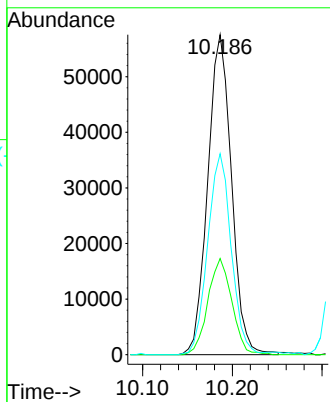
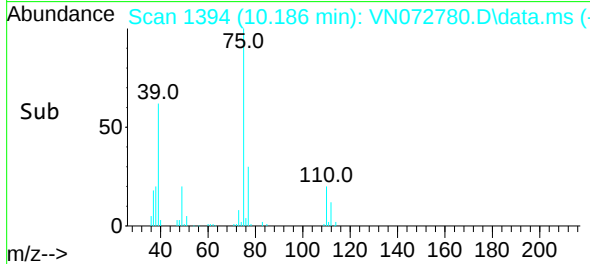
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion: 75 Resp: 105970
Ion Ratio Lower Upper
75 100
77 30.1 25.3 37.9
39 62.8 46.2 69.4

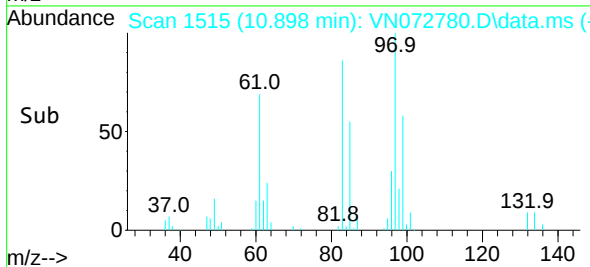
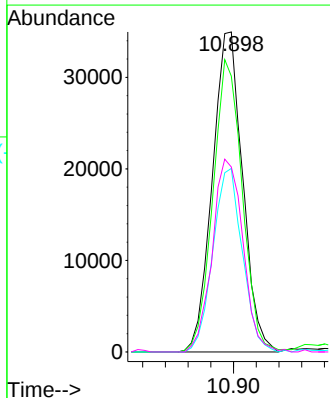
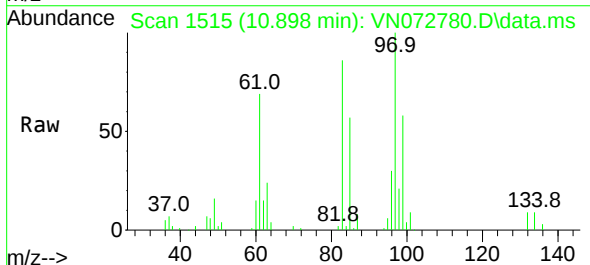
Manual Integrations
APPROVED

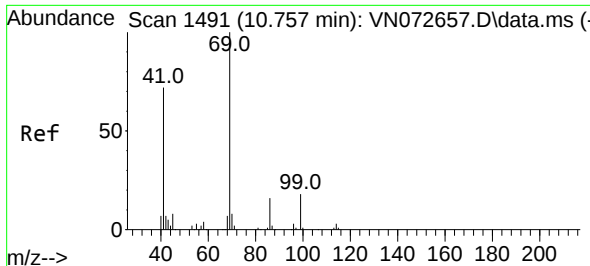
Reviewed By :John Carlone 06/13/2022
Supervised By :Mahesh Dadoda 06/13/2022



#50
1,1,2-Trichloroethane
Concen: 20.801 ug/l
RT: 10.898 min Scan# 1515
Delta R.T. 0.006 min
Lab File: VN072780.D
Acq: 11 Jun 2022 10:43

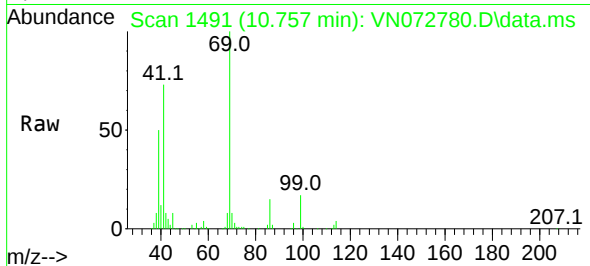
Tgt Ion: 97 Resp: 64586
Ion Ratio Lower Upper
97 100
83 86.2 67.2 100.8
85 57.4 43.0 64.4
99 57.8 49.0 73.4





#51
Ethyl methacrylate
Concen: 19.823 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. 0.000 min
Lab File: VN072780.D
Acq: 11 Jun 2022 10:43

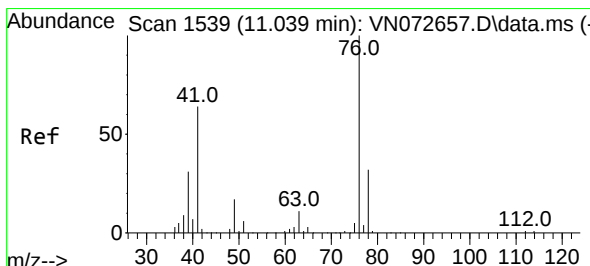
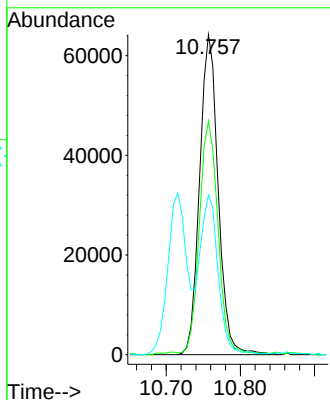
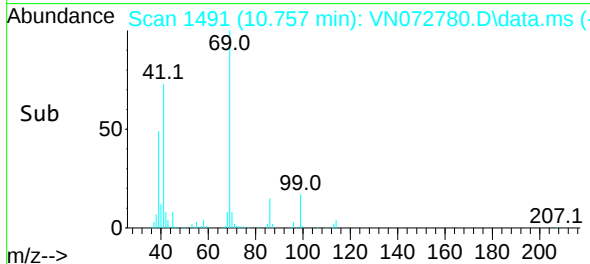
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



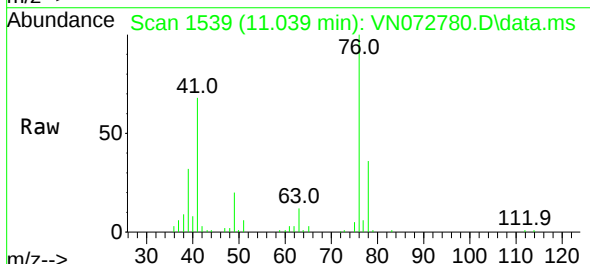
Tgt Ion: 69 Resp: 111489
Ion Ratio Lower Upper
69 100
41 72.4 33.0 98.9
39 49.2 25.4 76.4

Manual Integrations
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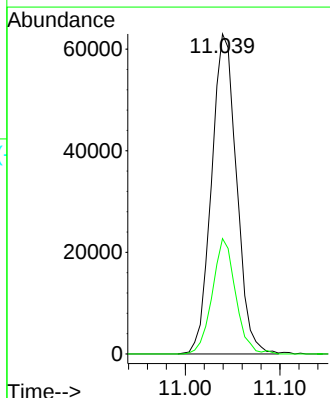
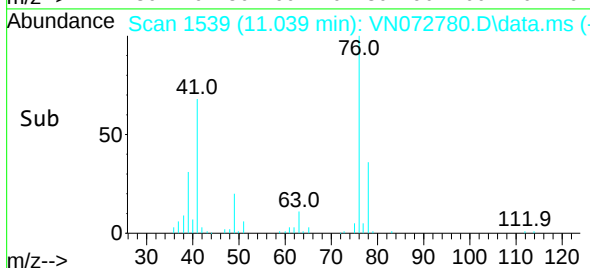
Reviewed By :John Carlone 06/13/2022
Supervised By :Mahesh Dadoda 06/13/2022

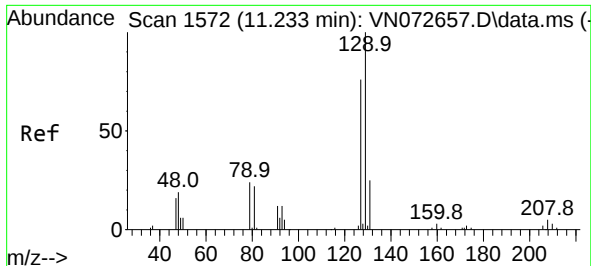


#52
1,3-Dichloropropane
Concen: 20.927 ug/l
RT: 11.039 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VN072780.D
Acq: 11 Jun 2022 10:43



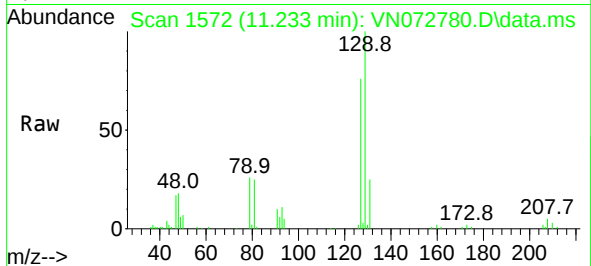
Tgt Ion: 76 Resp: 115632
Ion Ratio Lower Upper
76 100
78 33.3 0.0 65.4





#53
Dibromochloromethane
Concen: 19.555 ug/l
RT: 11.233 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN072780.D
Acq: 11 Jun 2022 10:43

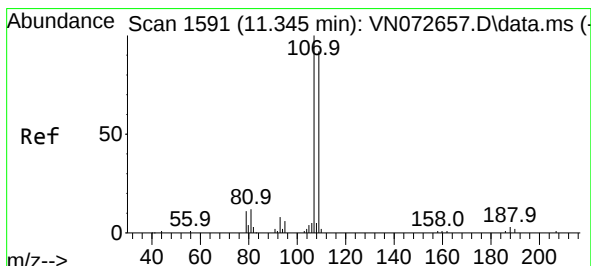
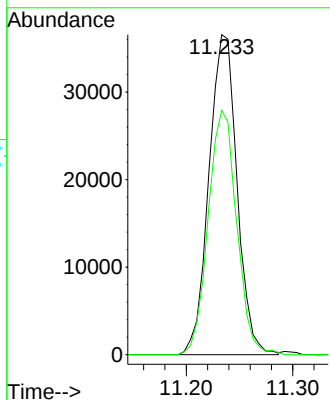
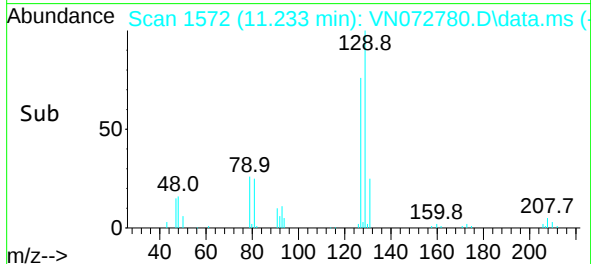
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



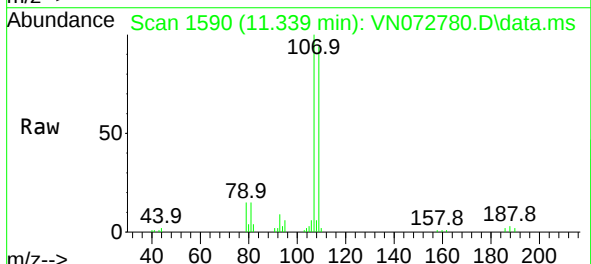
Tgt Ion:129 Resp: 66990
Ion Ratio Lower Upper
129 100
127 77.5 39.0 117.0

Manual Integrations
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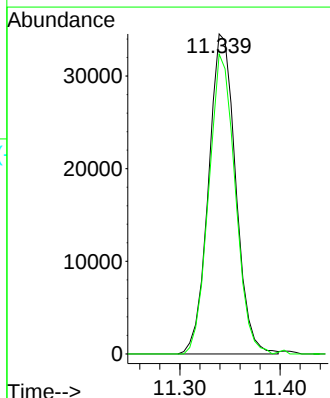
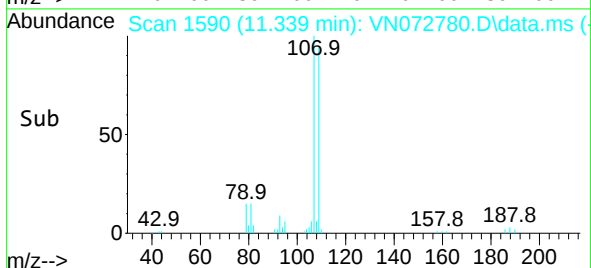
Reviewed By :John Carlone 06/13/2022
Supervised By :Mahesh Dadoda 06/13/2022

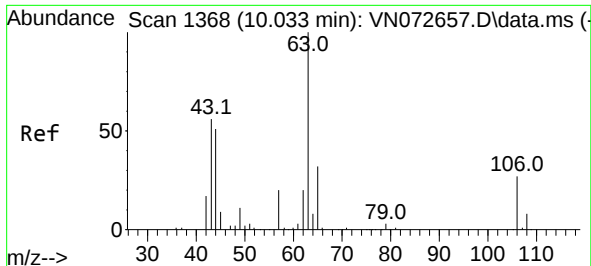


#54
1,2-Dibromoethane
Concen: 19.860 ug/l
RT: 11.339 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VN072780.D
Acq: 11 Jun 2022 10:43



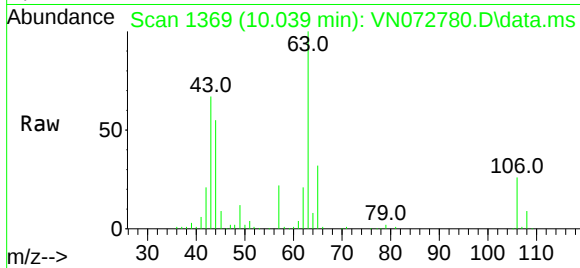
Tgt Ion:107 Resp: 64838
Ion Ratio Lower Upper
107 100
109 91.3 72.8 109.2





#55
2-Chloroethyl vinyl ether
Concen: 96.150 ug/l
RT: 10.039 min Scan# 1368
Delta R.T. 0.006 min
Lab File: VN072780.D
Acq: 11 Jun 2022 10:43

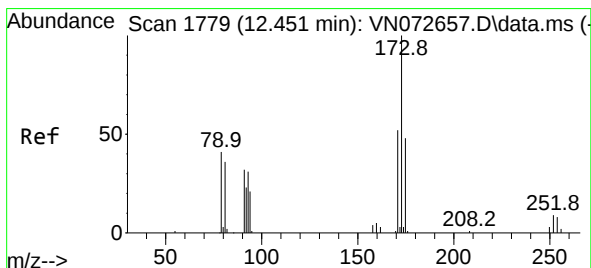
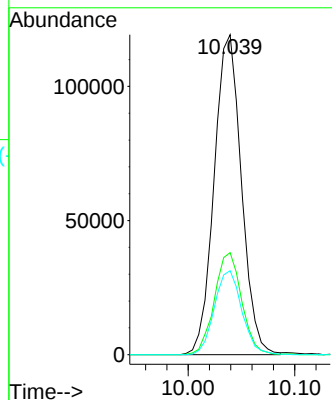
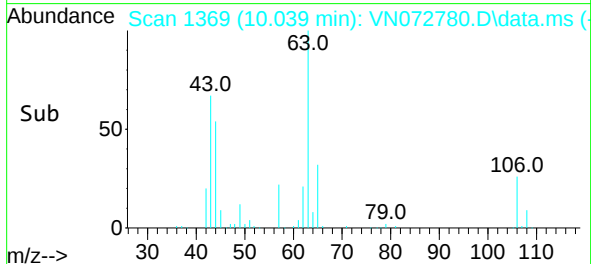
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion: 63 Resp: 21179
Ion Ratio Lower Upper
63 100
65 31.9 25.4 38.0
106 26.4 23.2 34.8

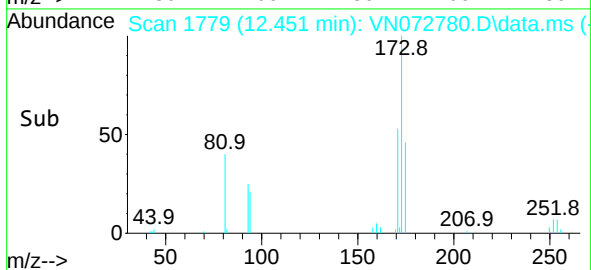
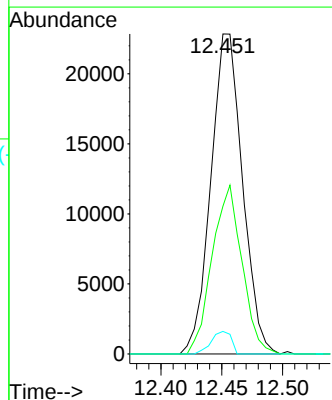
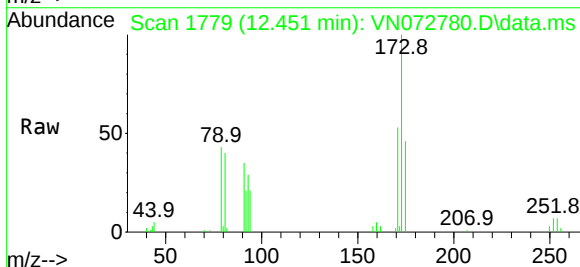
Manual Integrations
APPROVED

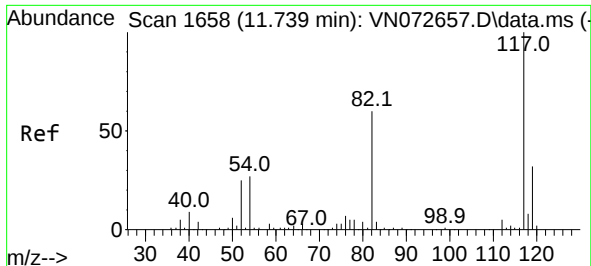
Reviewed By :John Carlone 06/13/2022
Supervised By :Mahesh Dadoda 06/13/2022



#56
Bromoform
Concen: 17.328 ug/l
RT: 12.451 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VN072780.D
Acq: 11 Jun 2022 10:43

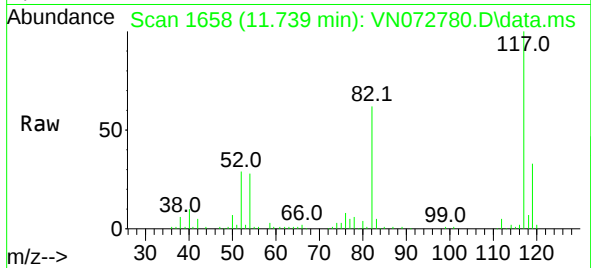
Tgt Ion:173 Resp: 41361
Ion Ratio Lower Upper
173 100
175 49.7 38.6 58.0
254 4.5 0.0 0.0#





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN072780.D
Acq: 11 Jun 2022 10:43

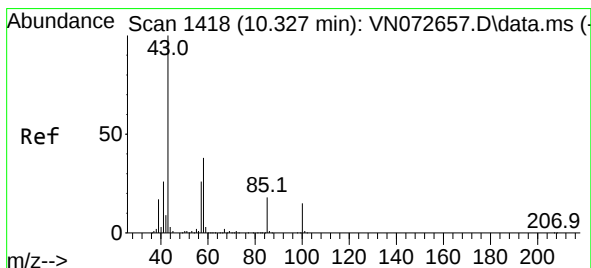
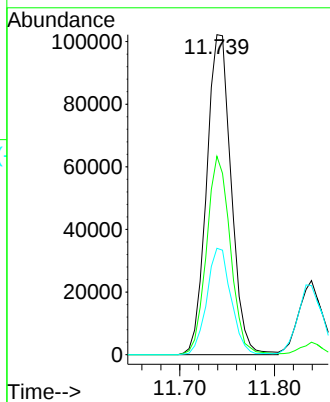
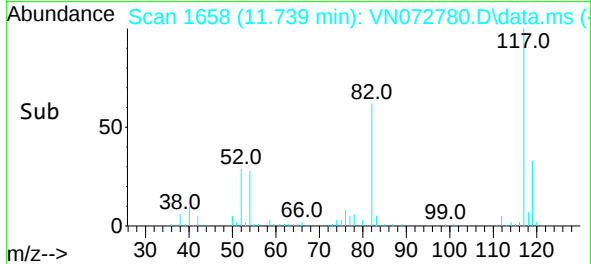
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



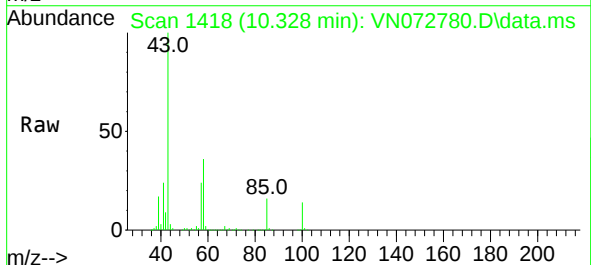
Tgt Ion: 117 Resp: 184468
Ion Ratio Lower Upper
117 100
82 60.2 43.6 65.4
119 32.7 25.8 38.6

Manual Integrations
APPROVED

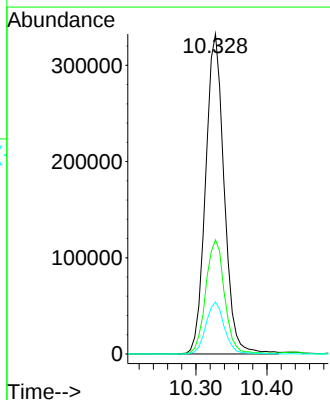
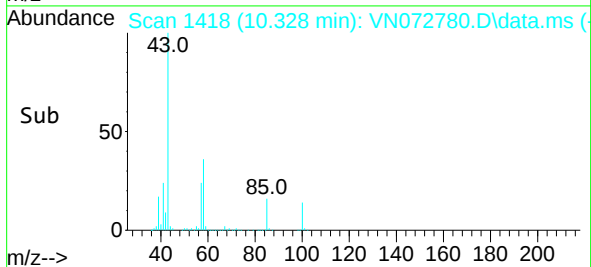
Reviewed By :John Carlone 06/13/2022
Supervised By :Mahesh Dadoda 06/13/2022

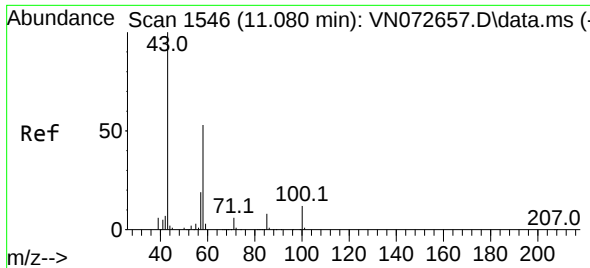


#58
4-Methyl-2-Pentanone
Concen: 109.236 ug/l
RT: 10.328 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VN072780.D
Acq: 11 Jun 2022 10:43



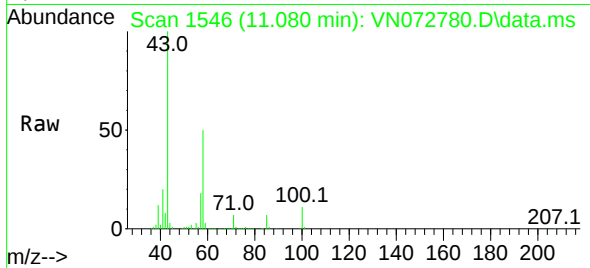
Tgt Ion: 43 Resp: 604387
Ion Ratio Lower Upper
43 100
58 36.1 30.0 45.0
85 16.1 15.0 22.6





#59
2-Hexanone
Concen: 104.498 ug/l
RT: 11.080 min Scan# 1546
Delta R.T. 0.000 min
Lab File: VN072780.D
Acq: 11 Jun 2022 10:43

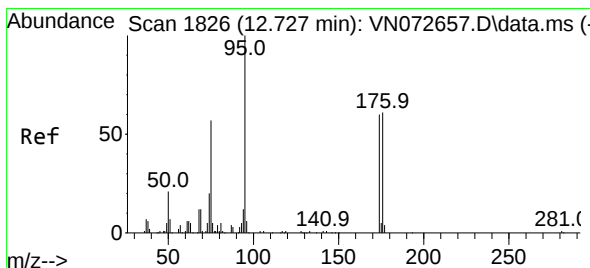
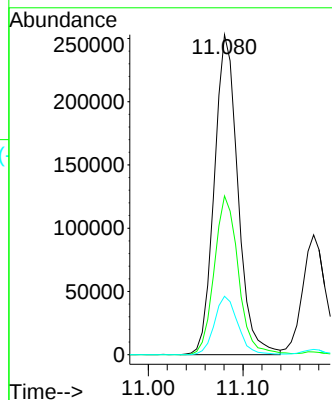
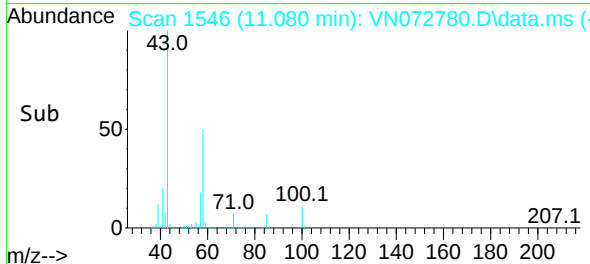
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



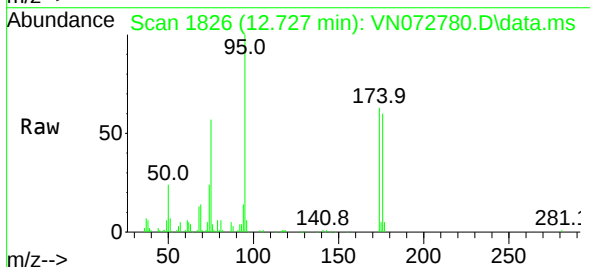
Tgt Ion: 43 Resp: 438339
Ion Ratio Lower Upper
43 100
58 50.7 42.2 63.2
57 18.2 15.0 22.4

Manual Integrations
APPROVED

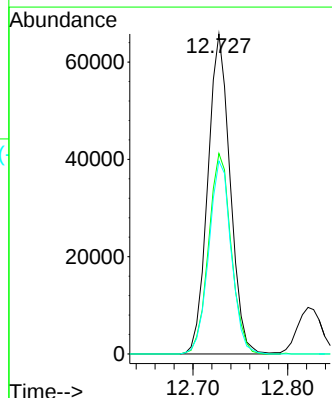
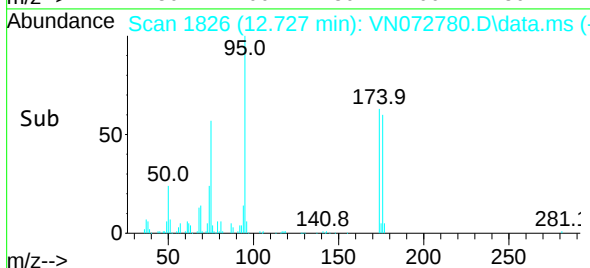
Reviewed By :John Carlone 06/13/2022
Supervised By :Mahesh Dadoda 06/13/2022

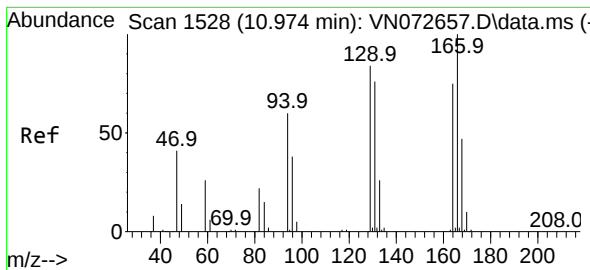


#60
4-Bromofluorobenzene
Concen: 28.387 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072780.D
Acq: 11 Jun 2022 10:43



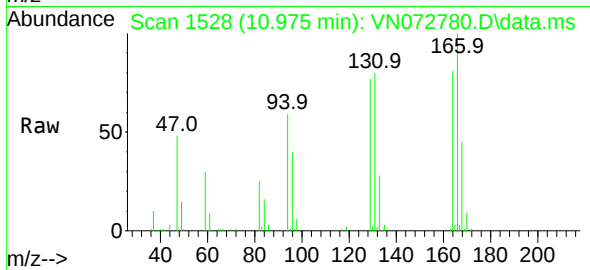
Tgt Ion: 95 Resp: 107701
Ion Ratio Lower Upper
95 100
174 63.4 62.9 94.3
176 60.5 61.0 91.4#





#61
Tetrachloroethene
Concen: 21.639 ug/l
RT: 10.975 min Scan# 1528
Delta R.T. 0.000 min
Lab File: VN072780.D
Acq: 11 Jun 2022 10:43

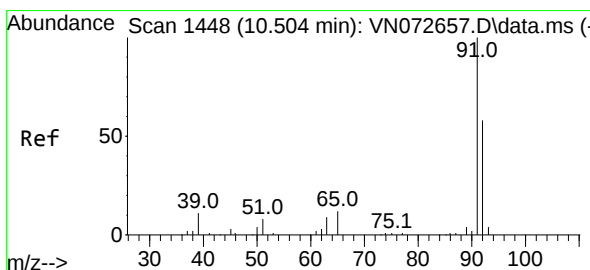
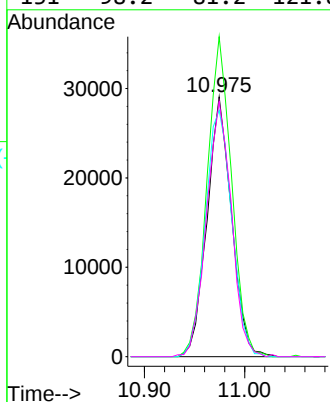
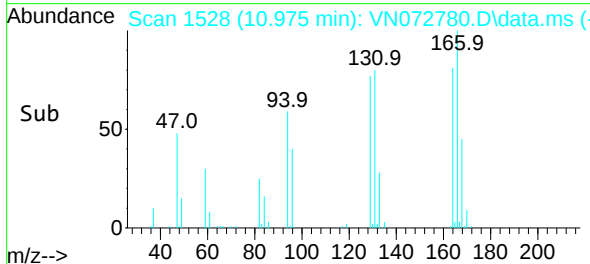
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



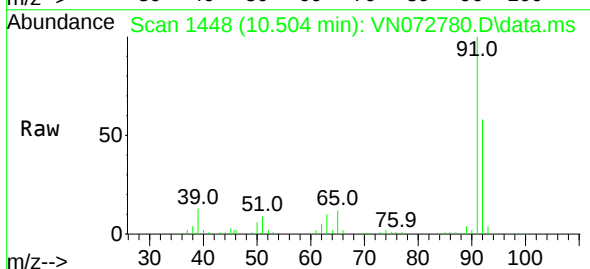
Tgt Ion:164 Resp: 49399
Ion Ratio Lower Upper
164 100
166 123.1 105.8 158.8
129 94.8 82.5 123.7
131 98.2 81.2 121.8

Manual Integrations
APPROVED

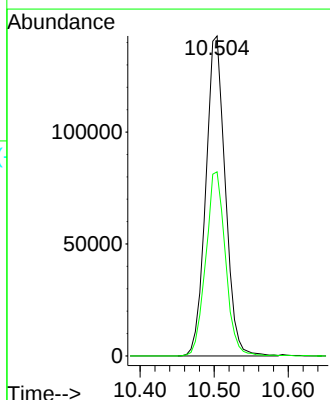
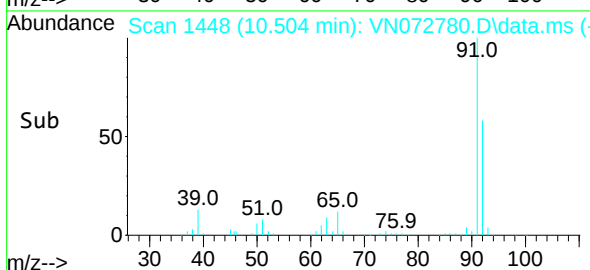
Reviewed By :John Carlone 06/13/2022
Supervised By :Mahesh Dadoda 06/13/2022

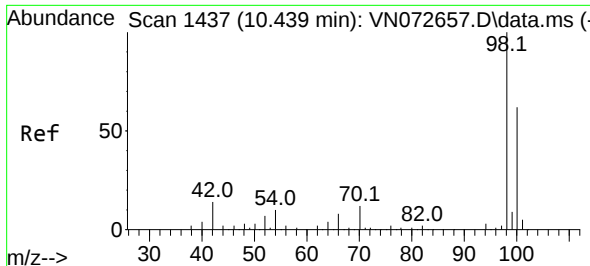


#62
Toluene
Concen: 20.855 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN072780.D
Acq: 11 Jun 2022 10:43



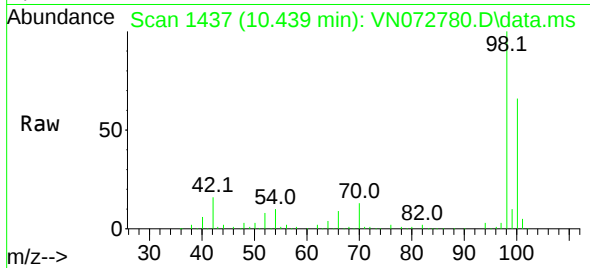
Tgt Ion: 91 Resp: 260859
Ion Ratio Lower Upper
91 100
92 58.2 44.6 67.0





#63
Toluene-d8
Concen: 30.746 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072780.D
Acq: 11 Jun 2022 10:43

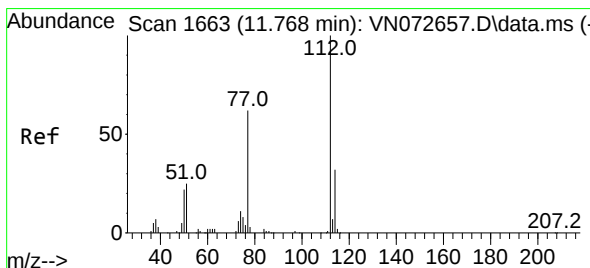
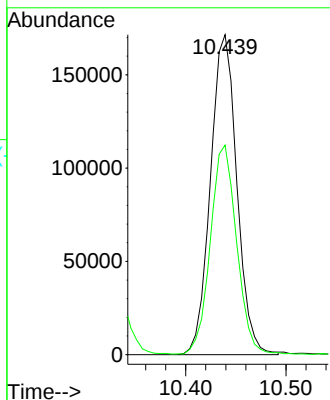
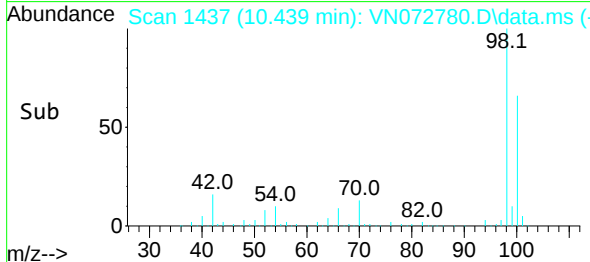
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



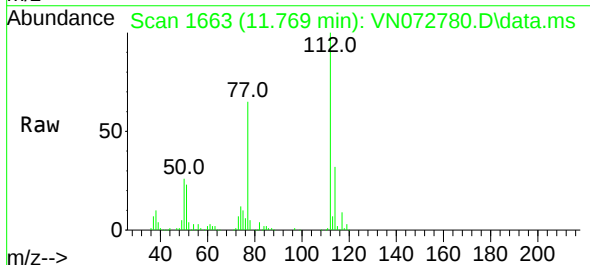
Tgt Ion: 98 Resp: 314185
Ion Ratio Lower Upper
98 100
100 65.6 50.6 76.0

Manual Integrations
APPROVED

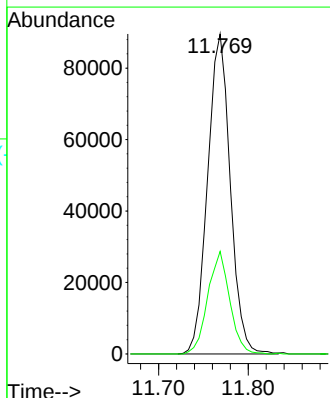
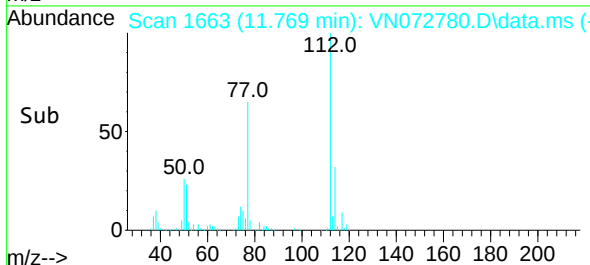
Reviewed By :John Carlone 06/13/2022
Supervised By :Mahesh Dadoda 06/13/2022

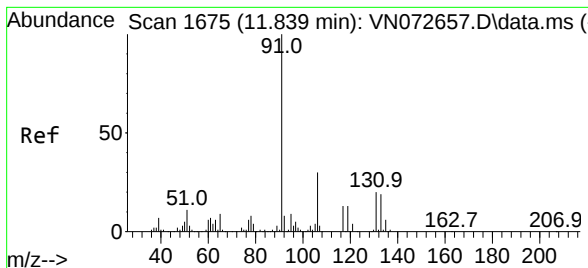


#64
Chlorobenzene
Concen: 20.630 ug/l
RT: 11.769 min Scan# 1663
Delta R.T. 0.000 min
Lab File: VN072780.D
Acq: 11 Jun 2022 10:43



Tgt Ion:112 Resp: 157100
Ion Ratio Lower Upper
112 100
114 31.9 25.8 38.6





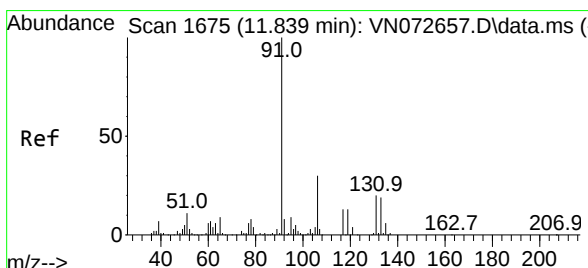
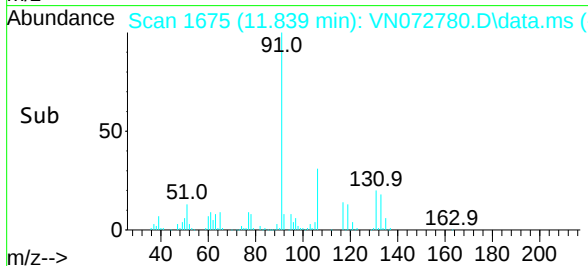
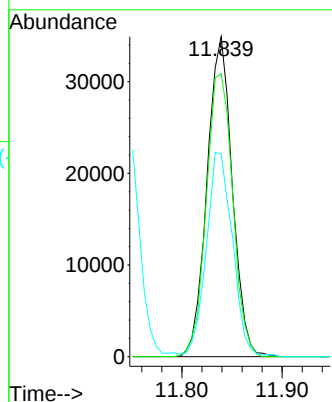
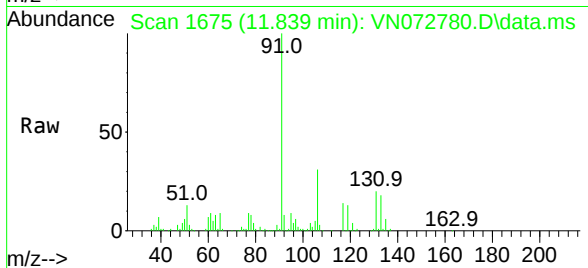
#65
1,1,1,2-Tetrachloroethane
Concen: 20.319 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN072780.D
Acq: 11 Jun 2022 10:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion:131 Resp: 61000
Ion Ratio Lower Upper
131 100
133 92.7 0.0 191.2
119 66.0 0.0 128.8

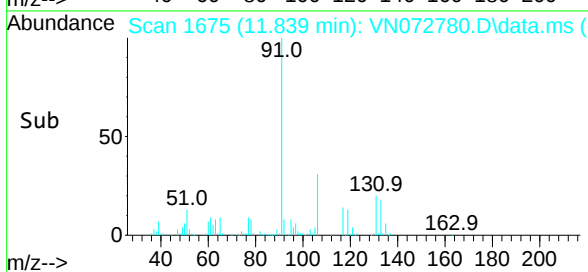
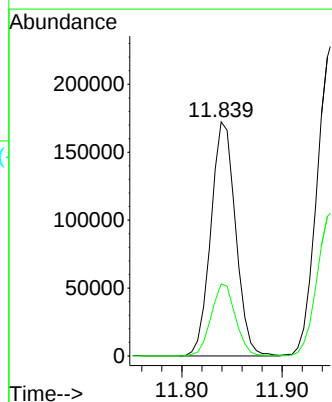
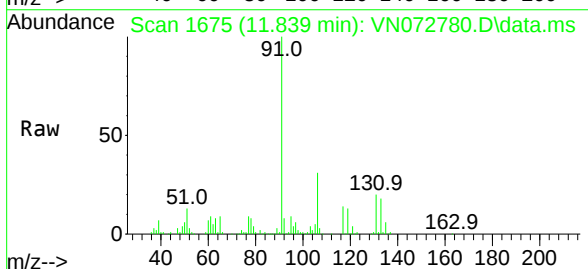
Manual Integrations
APPROVED

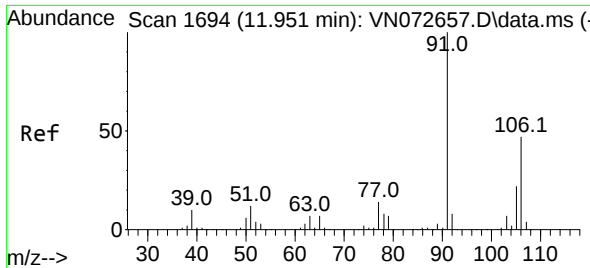
Reviewed By :John Carlone 06/13/2022
Supervised By :Mahesh Dadoda 06/13/2022



#66
Ethyl Benzene
Concen: 20.533 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN072780.D
Acq: 11 Jun 2022 10:43

Tgt Ion: 91 Resp: 294852
Ion Ratio Lower Upper
91 100
106 30.8 24.0 36.0





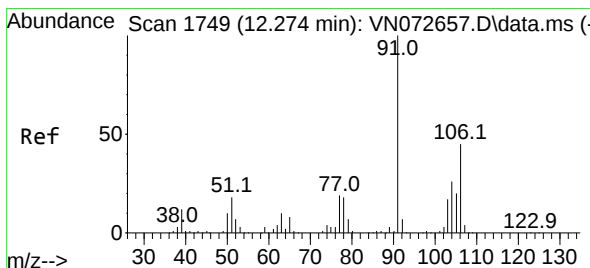
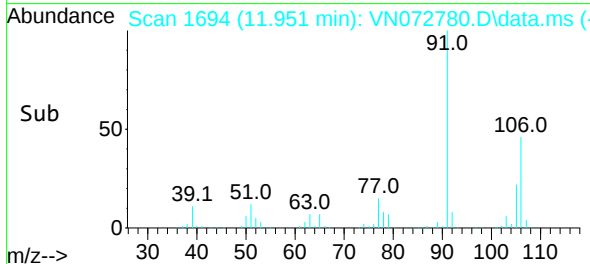
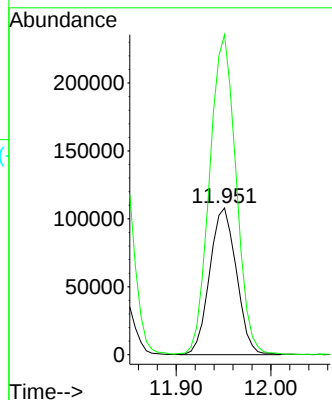
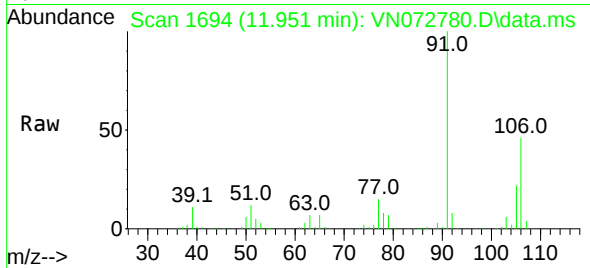
#67
m/p-Xylenes
Concen: 40.454 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. 0.000 min
Lab File: VN072780.D
Acq: 11 Jun 2022 10:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion:106 Resp: 211889
Ion Ratio Lower Upper
106 100
91 216.1 162.9 244.3

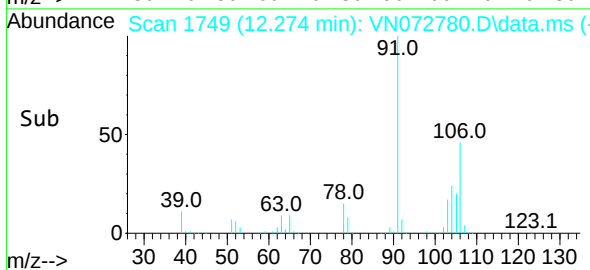
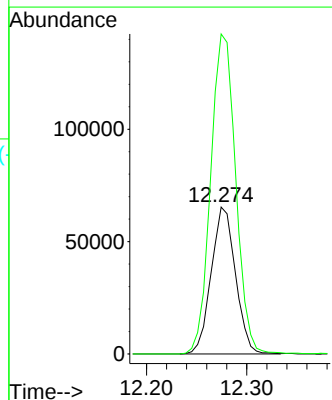
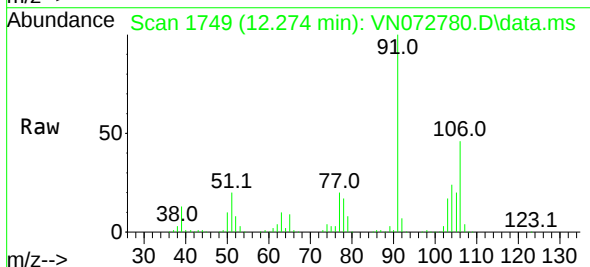
Manual Integrations
APPROVED

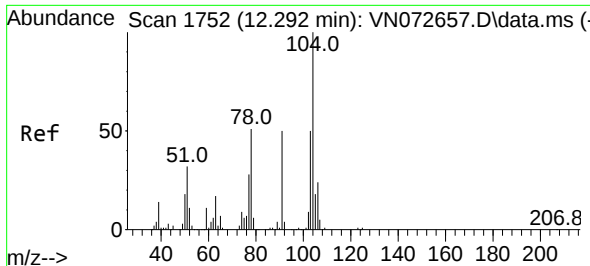
Reviewed By :John Carlone 06/13/2022
Supervised By :Mahesh Dadoda 06/13/2022



#68
o-Xylene
Concen: 20.548 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VN072780.D
Acq: 11 Jun 2022 10:43

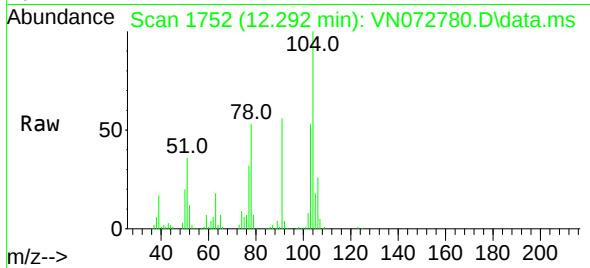
Tgt Ion:106 Resp: 109795
Ion Ratio Lower Upper
106 100
91 224.6 107.7 323.1





#69
Styrene
Concen: 19.543 ug/l
RT: 12.292 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VN072780.D
Acq: 11 Jun 2022 10:43

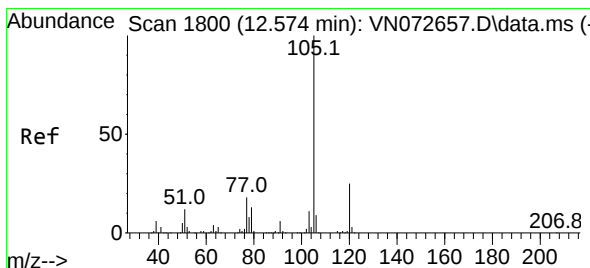
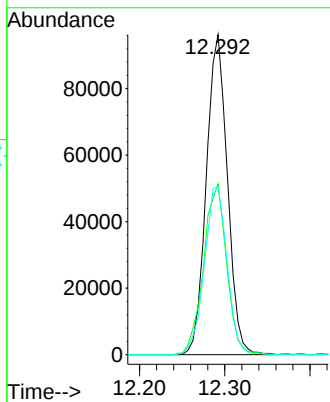
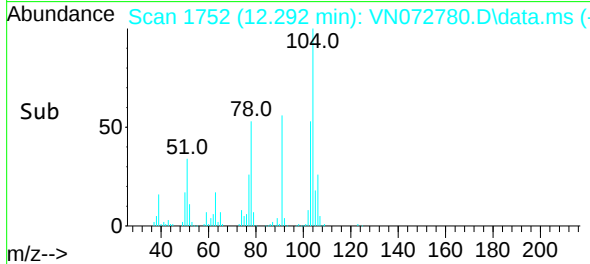
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



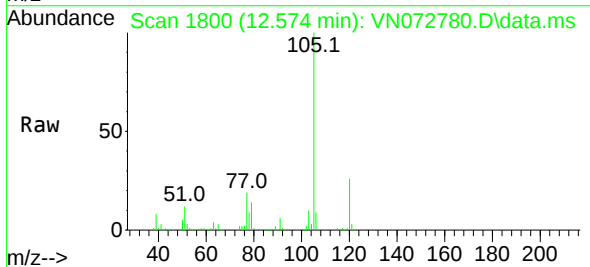
Tgt Ion:104 Resp: 165770
Ion Ratio Lower Upper
104 100
78 58.1 40.7 61.1
103 56.4 45.8 68.8

Manual Integrations
APPROVED

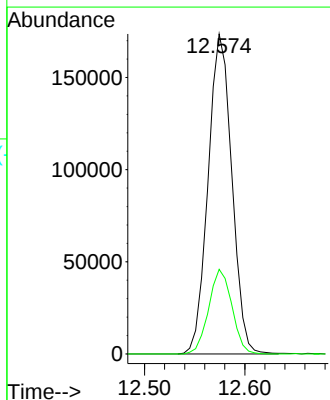
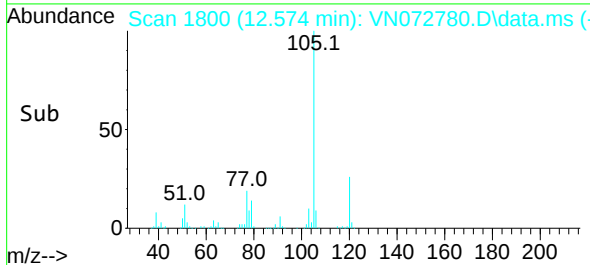
Reviewed By :John Carlone 06/13/2022
Supervised By :Mahesh Dadoda 06/13/2022

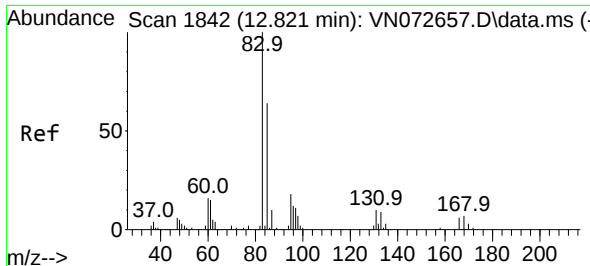


#70
Isopropylbenzene
Concen: 20.488 ug/l
RT: 12.574 min Scan# 1800
Delta R.T. 0.000 min
Lab File: VN072780.D
Acq: 11 Jun 2022 10:43



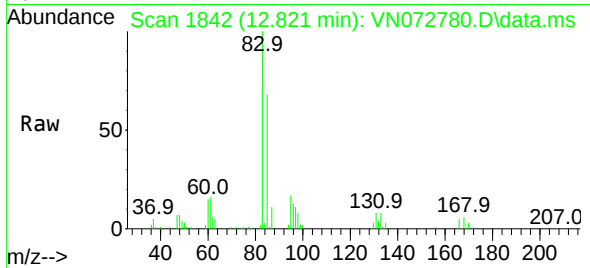
Tgt Ion:105 Resp: 286070
Ion Ratio Lower Upper
105 100
120 25.8 18.3 34.1





#71
1,1,2,2-Tetrachloroethane
Concen: 20.521 ug/l
RT: 12.821 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VN072780.D
Acq: 11 Jun 2022 10:43

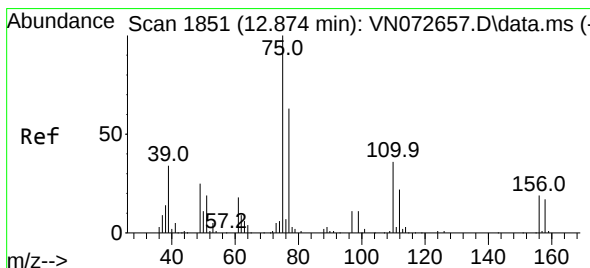
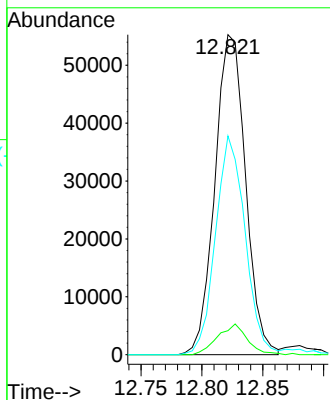
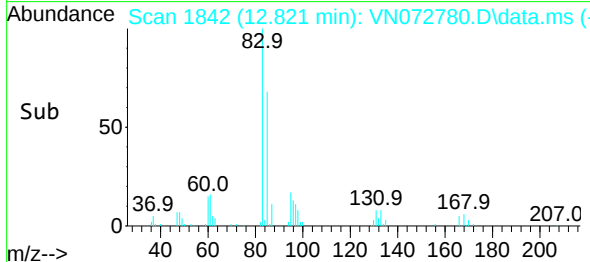
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion: 83 Resp: 96990
Ion Ratio Lower Upper
83 100
131 9.2 5.1 15.3
85 65.7 33.1 99.2

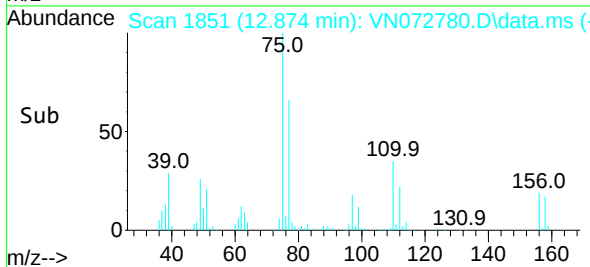
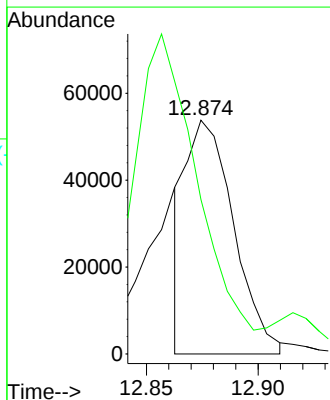
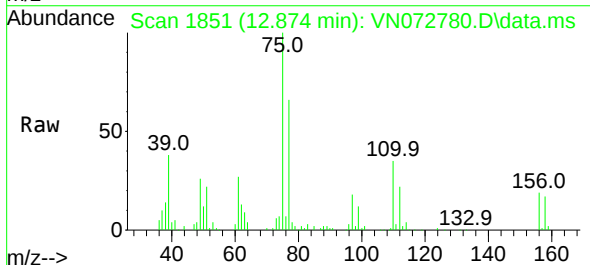
Manual Integrations
APPROVED

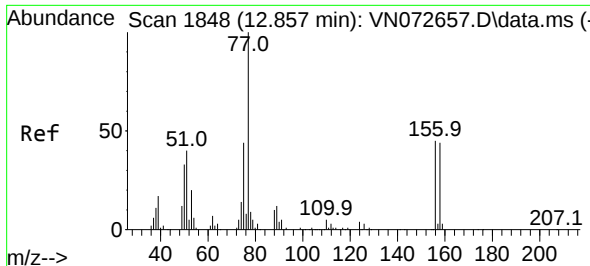
Reviewed By :John Carlone 06/13/2022
Supervised By :Mahesh Dadoda 06/13/2022



#72
1,2,3-Trichloropropane
Concen: 19.411 ug/l m
RT: 12.874 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN072780.D
Acq: 11 Jun 2022 10:43

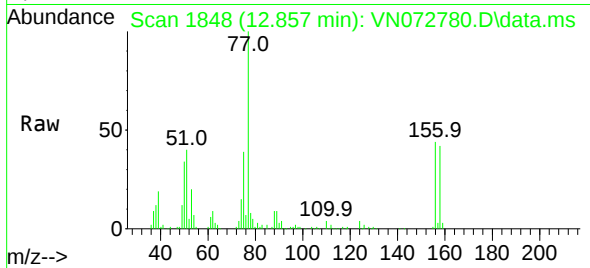
Tgt Ion: 75 Resp: 80065
Ion Ratio Lower Upper
75 100
77 185.3 0.0 378.0





#73
Bromobenzene
Concen: 19.067 ug/l
RT: 12.857 min Scan# 1848
Delta R.T. 0.000 min
Lab File: VN072780.D
Acq: 11 Jun 2022 10:43

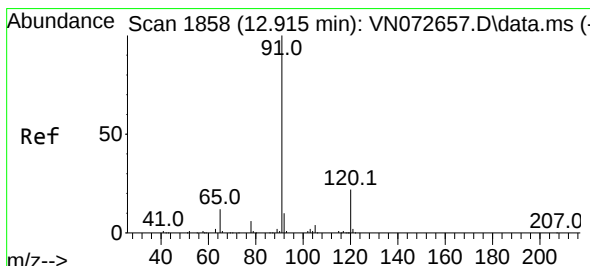
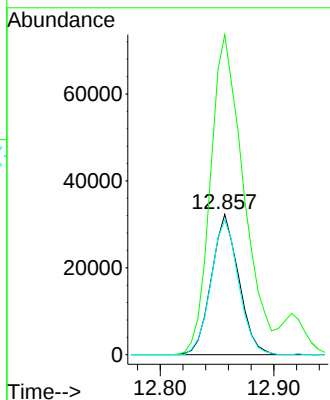
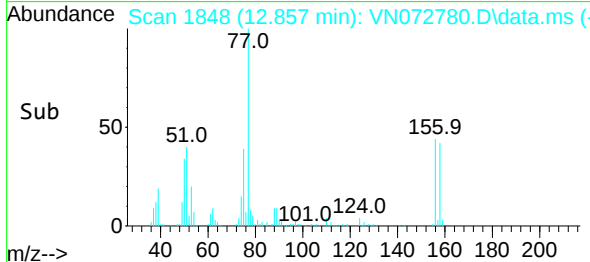
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



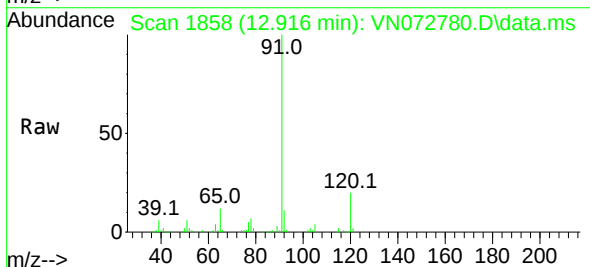
Tgt Ion:156 Resp: 54119
Ion Ratio Lower Upper
156 100
77 274.1 0.0 416.0
158 96.9 0.0 195.4

Manual Integrations
APPROVED

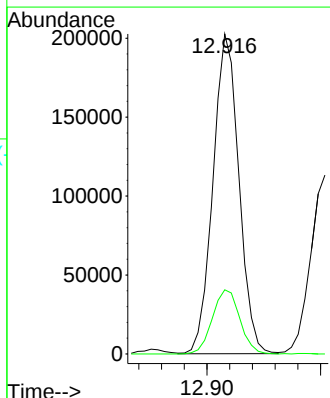
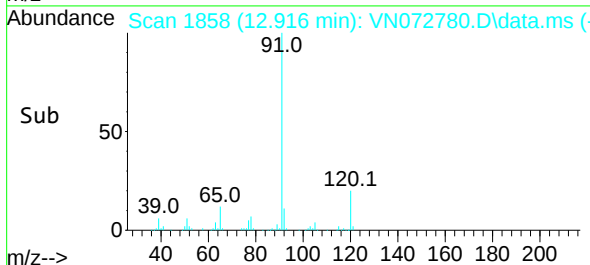
Reviewed By :John Carlone 06/13/2022
Supervised By :Mahesh Dadoda 06/13/2022

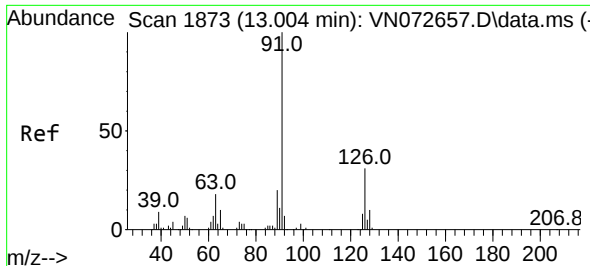


#74
n-propylbenzene
Concen: 20.074 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN072780.D
Acq: 11 Jun 2022 10:43



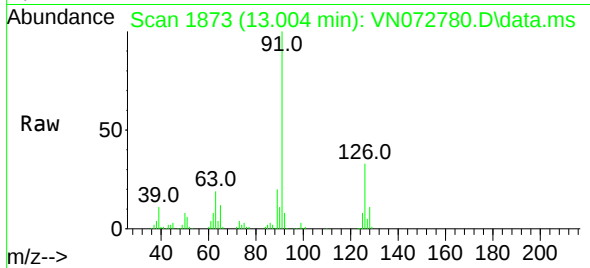
Tgt Ion: 91 Resp: 320733
Ion Ratio Lower Upper
91 100
120 21.2 0.0 45.0





#75
2-Chlorotoluene
Concen: 19.888 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. 0.000 min
Lab File: VN072780.D
Acq: 11 Jun 2022 10:43

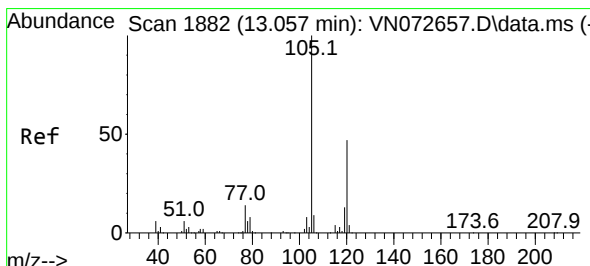
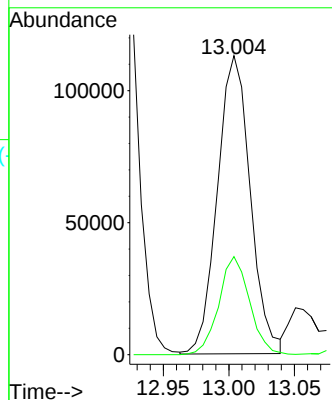
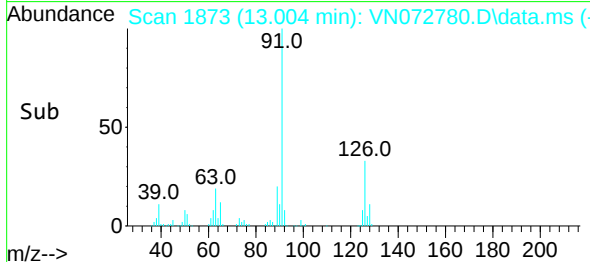
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



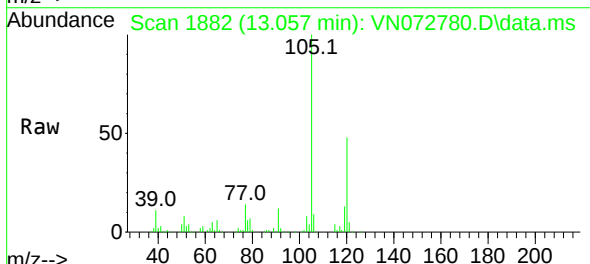
Tgt Ion: 91 Resp: 196964
Ion Ratio Lower Upper
91 100
126 30.7 0.0 69.8

Manual Integrations
APPROVED

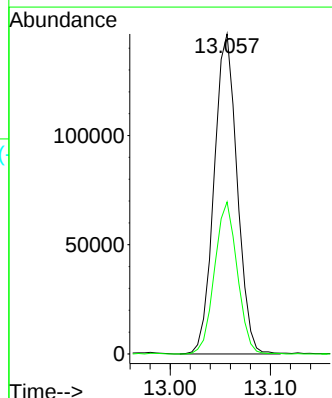
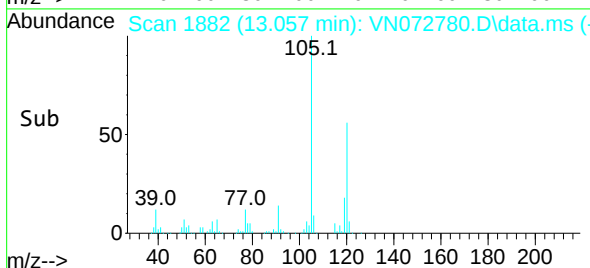
Reviewed By :John Carlone 06/13/2022
Supervised By :Mahesh Dadoda 06/13/2022

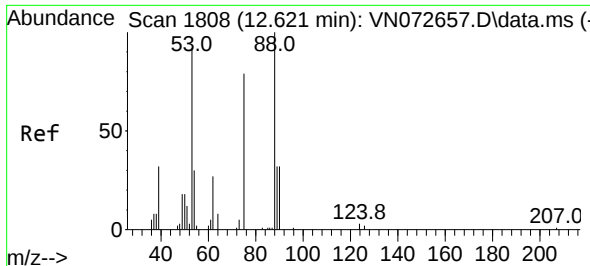


#76
1,3,5-Trimethylbenzene
Concen: 20.424 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. 0.000 min
Lab File: VN072780.D
Acq: 11 Jun 2022 10:43



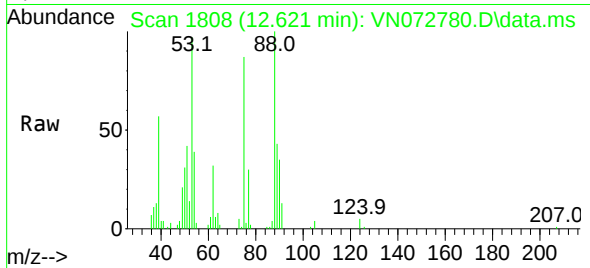
Tgt Ion:105 Resp: 234067
Ion Ratio Lower Upper
105 100
120 46.7 0.0 93.8





#77
t-1,4-Dichloro-2-butene
Concen: 16.313 ug/l
RT: 12.621 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VN072780.D
Acq: 11 Jun 2022 10:43

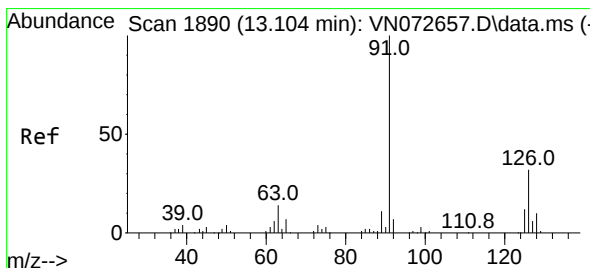
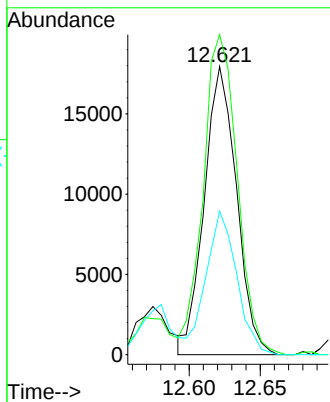
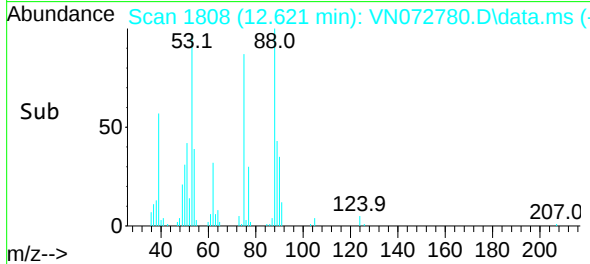
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion: 75 Resp: 28360
Ion Ratio Lower Upper
75 100
53 110.2 51.8 155.5
89 49.8 22.9 68.7

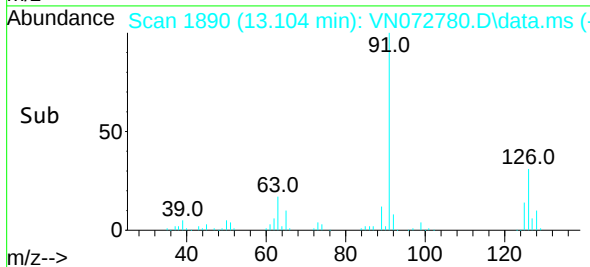
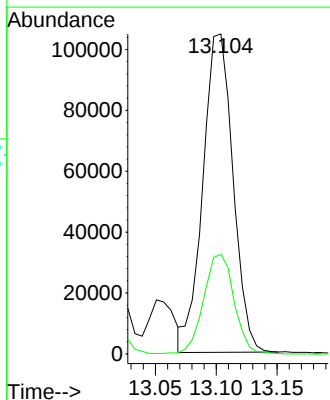
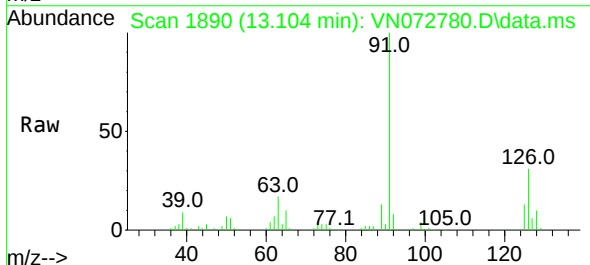
Manual Integrations
APPROVED

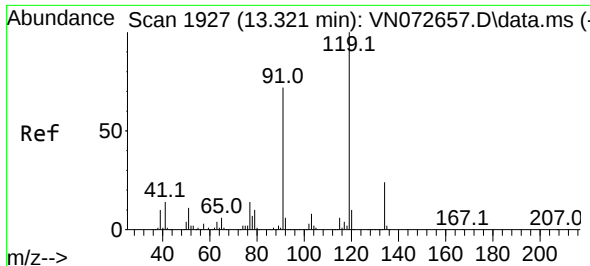
Reviewed By :John Carlone 06/13/2022
Supervised By :Mahesh Dadoda 06/13/2022



#78
4-Chlorotoluene
Concen: 19.264 ug/l
RT: 13.104 min Scan# 1890
Delta R.T. 0.000 min
Lab File: VN072780.D
Acq: 11 Jun 2022 10:43

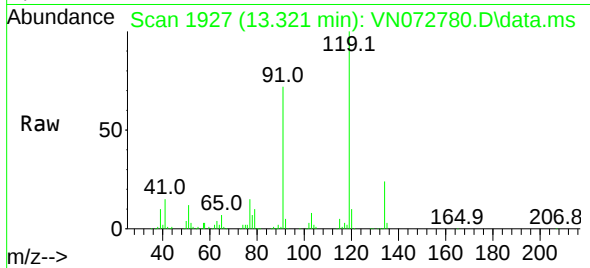
Tgt Ion: 91 Resp: 180235
Ion Ratio Lower Upper
91 100
126 31.4 0.0 70.6





#79
tert-butylbenzene
Concen: 19.980 ug/l
RT: 13.321 min Scan# 1927
Delta R.T. 0.000 min
Lab File: VN072780.D
Acq: 11 Jun 2022 10:43

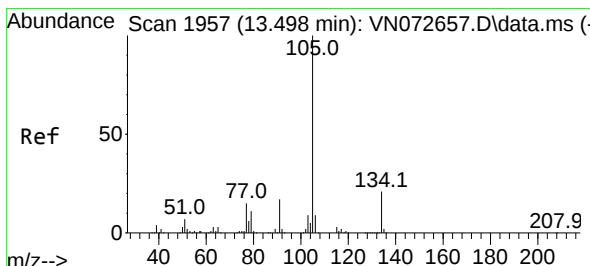
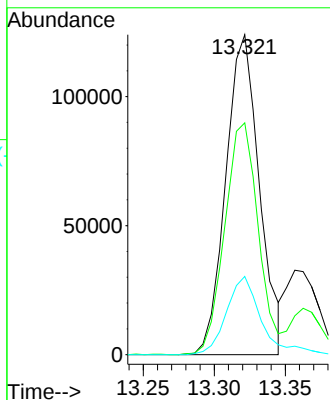
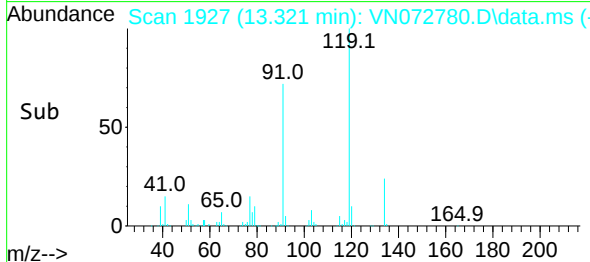
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



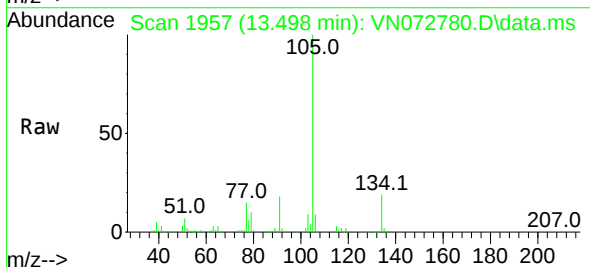
Tgt Ion:119 Resp: 204427
Ion Ratio Lower Upper
119 100
91 72.2 0.0 137.0
134 25.5 0.0 47.6

Manual Integrations
APPROVED

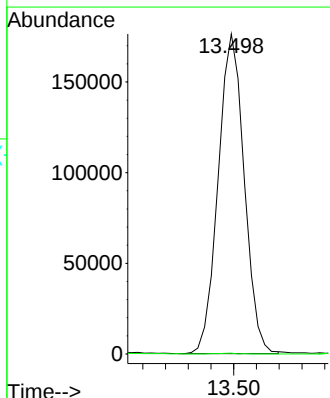
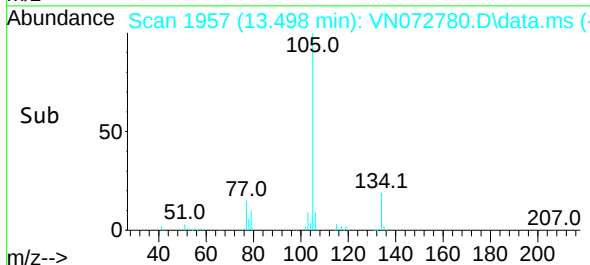
Reviewed By :John Carlone 06/13/2022
Supervised By :Mahesh Dadoda 06/13/2022

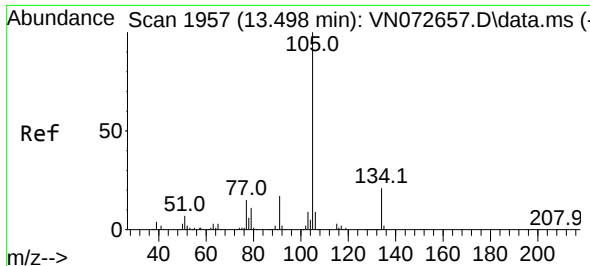


#80
1,2,4-Trimethylbenzene
Concen: 20.323 ug/l
RT: 13.498 min Scan# 1957
Delta R.T. 0.000 min
Lab File: VN072780.D
Acq: 11 Jun 2022 10:43



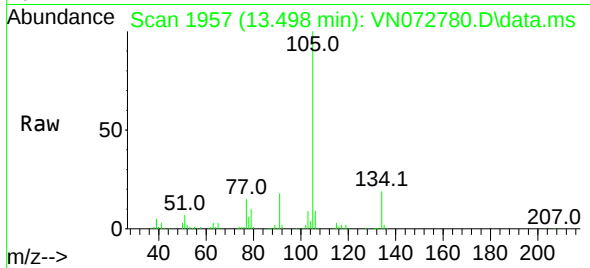
Tgt Ion:105 Resp: 280832
Ion Ratio Lower Upper
105 100
120 0.1 0.0 0.2





#81
 sec-Butylbenzene
 Concen: 20.323 ug/l
 RT: 13.498 min Scan# 1957
 Delta R.T. 0.000 min
 Lab File: VN072780.D
 Acq: 11 Jun 2022 10:43

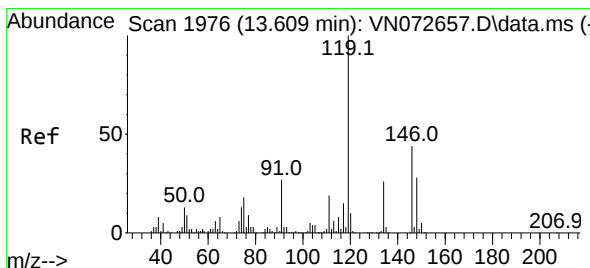
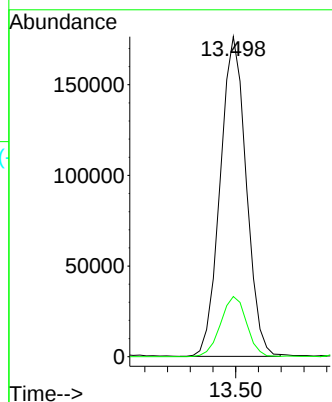
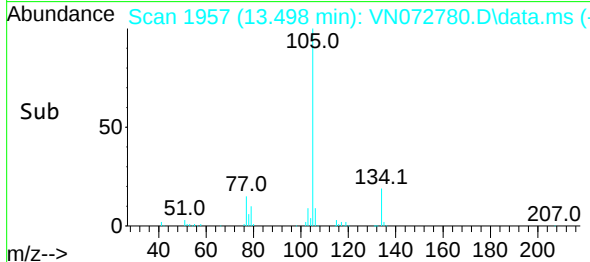
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020



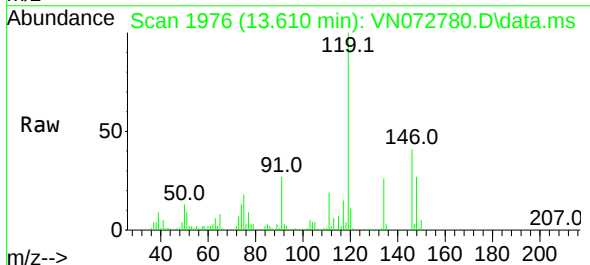
Tgt Ion:105 Resp: 280832
 Ion Ratio Lower Upper
 105 100
 134 18.8 0.0 39.4

Manual Integrations
 APPROVED

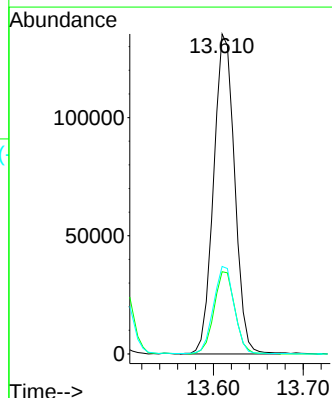
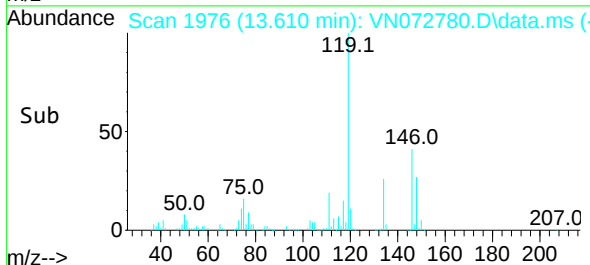
Reviewed By :John Carlone 06/13/2022
 Supervised By :Mahesh Dadoda 06/13/2022

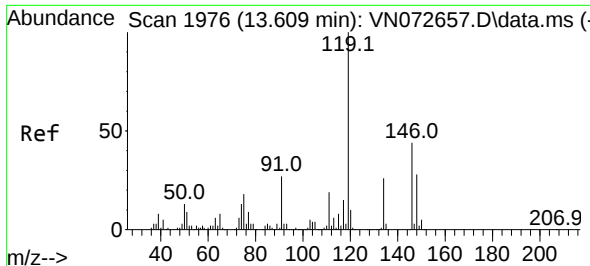


#82
 p-Isopropyltoluene
 Concen: 19.959 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. 0.000 min
 Lab File: VN072780.D
 Acq: 11 Jun 2022 10:43



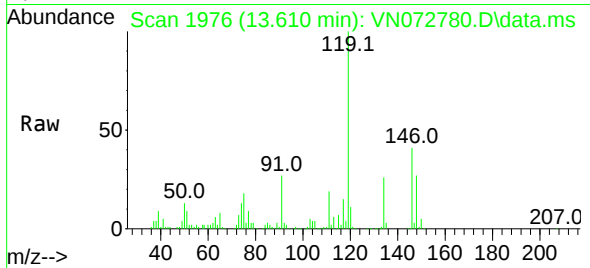
Tgt Ion:119 Resp: 220166
 Ion Ratio Lower Upper
 119 100
 134 25.4 0.0 51.8
 91 27.2 0.0 50.4





#83
1,3-Dichlorobenzene
Concen: 19.177 ug/l
RT: 13.610 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VN072780.D
Acq: 11 Jun 2022 10:43

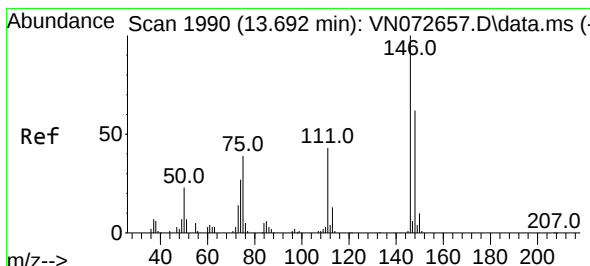
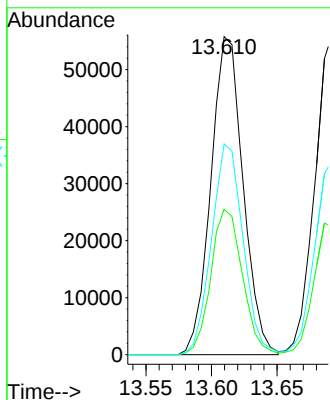
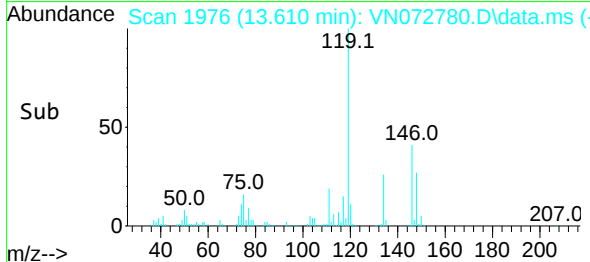
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



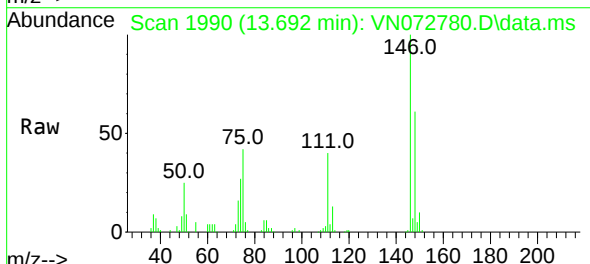
Tgt Ion:146 Resp: 95288
Ion Ratio Lower Upper
146 100
111 44.8 20.8 62.2
148 64.8 31.4 94.3

Manual Integrations
APPROVED

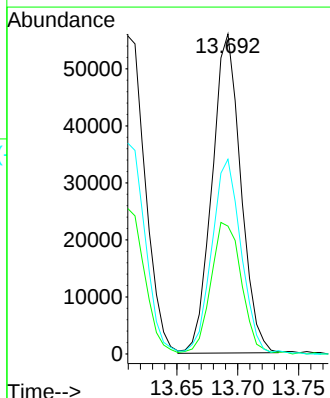
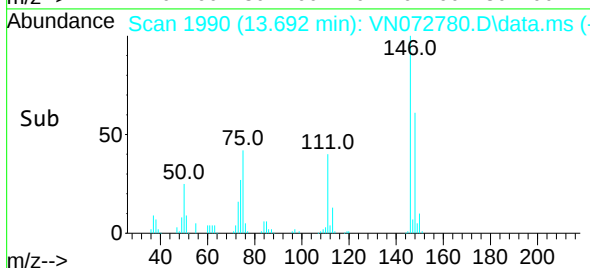
Reviewed By :John Carlone 06/13/2022
Supervised By :Mahesh Dadoda 06/13/2022

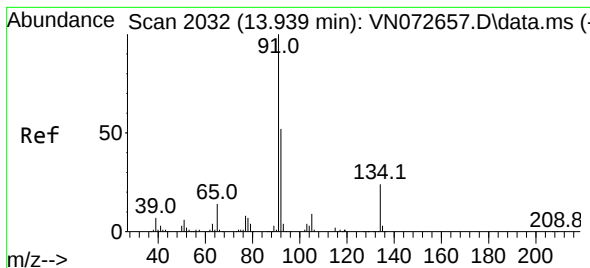


#84
1,4-Dichlorobenzene
Concen: 19.073 ug/l
RT: 13.692 min Scan# 1990
Delta R.T. 0.000 min
Lab File: VN072780.D
Acq: 11 Jun 2022 10:43



Tgt Ion:146 Resp: 92023
Ion Ratio Lower Upper
146 100
111 43.6 19.5 58.5
148 62.0 31.1 93.5





#85

n-Butylbenzene

Concen: 19.708 ug/l

RT: 13.939 min Scan# 2032

Delta R.T. 0.000 min

Lab File: VN072780.D

Acq: 11 Jun 2022 10:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tgt Ion: 91 Resp: 18433

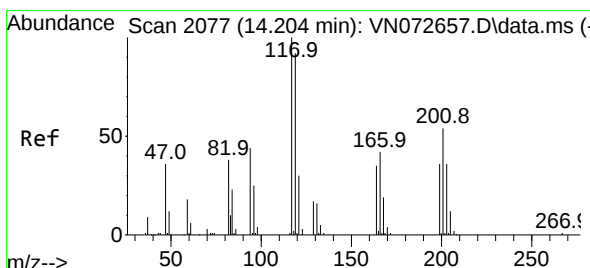
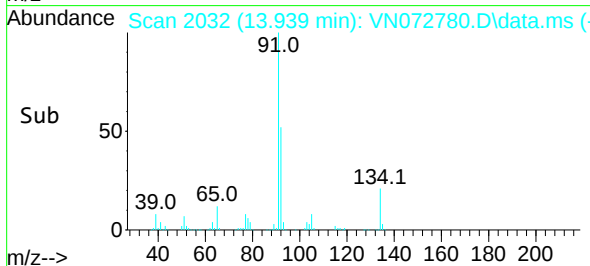
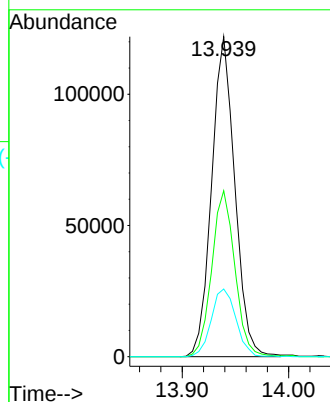
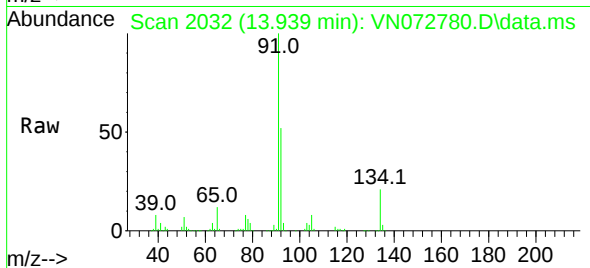
Ion	Ratio	Lower	Upper
91	100		
92	51.6	0.0	100.6
134	22.6	0.0	50.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/13/2022

Supervised By :Mahesh Dadoda 06/13/2022



#86

Hexachloroethane

Concen: 18.590 ug/l

RT: 14.210 min Scan# 2078

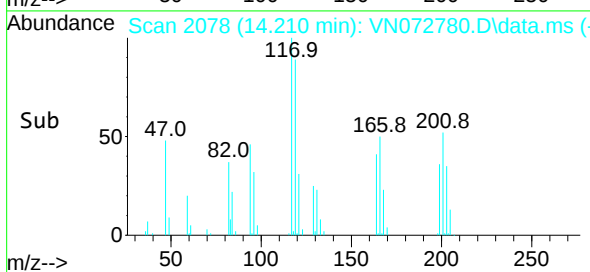
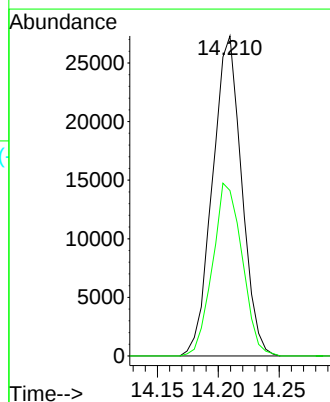
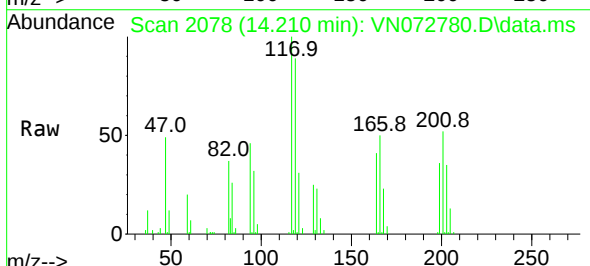
Delta R.T. 0.006 min

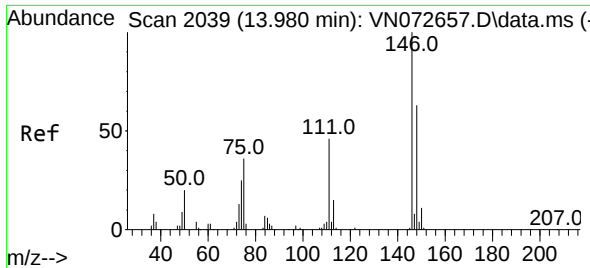
Lab File: VN072780.D

Acq: 11 Jun 2022 10:43

Tgt Ion:117 Resp: 45378

Ion	Ratio	Lower	Upper
117	100		
201	54.9	33.3	99.8





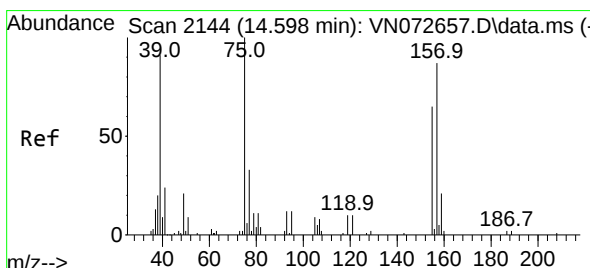
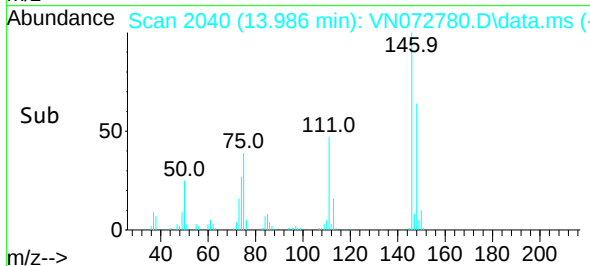
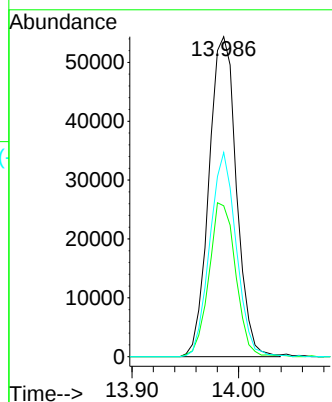
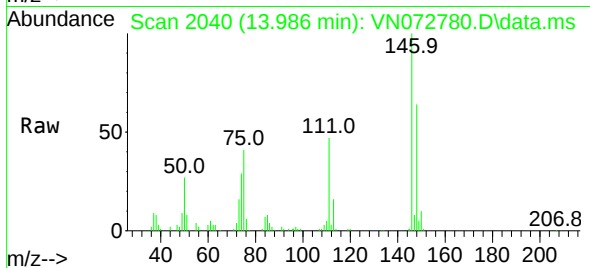
#87
1,2-Dichlorobenzene
Concen: 19.801 ug/l
RT: 13.986 min Scan# 2039
Delta R.T. 0.006 min
Lab File: VN072780.D
Acq: 11 Jun 2022 10:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion:146 Resp: 97372
Ion Ratio Lower Upper
146 100
111 46.3 21.4 64.2
148 61.4 32.5 97.4

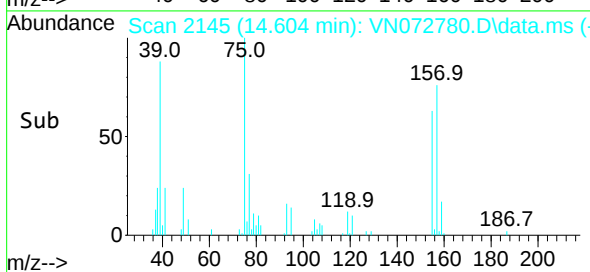
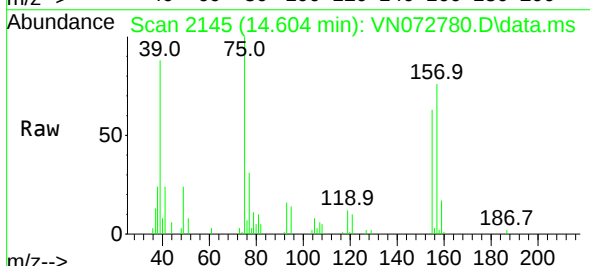
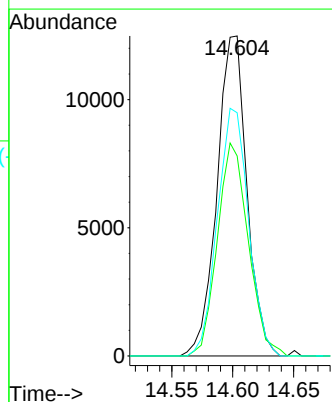
Manual Integrations
APPROVED

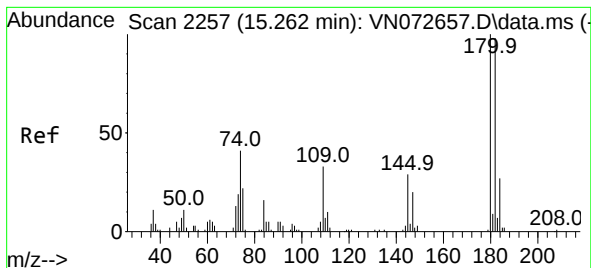
Reviewed By :John Carlone 06/13/2022
Supervised By :Mahesh Dadoda 06/13/2022



#88
1,2-Dibromo-3-Chloropropane
Concen: 18.042 ug/l
RT: 14.604 min Scan# 2145
Delta R.T. 0.006 min
Lab File: VN072780.D
Acq: 11 Jun 2022 10:43

Tgt Ion: 75 Resp: 21381
Ion Ratio Lower Upper
75 100
155 68.7 63.8 95.8
157 80.3 77.9 116.9





#89

1,2,4-Trichlorobenzene

Concen: 18.089 ug/l

RT: 15.262 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN072780.D

Acq: 11 Jun 2022 10:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

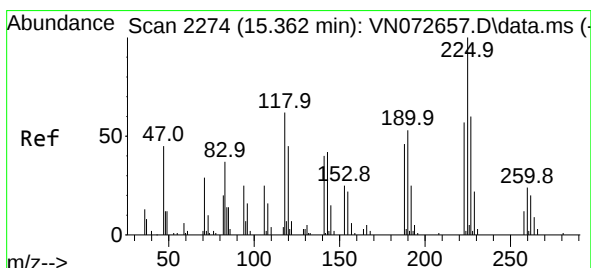
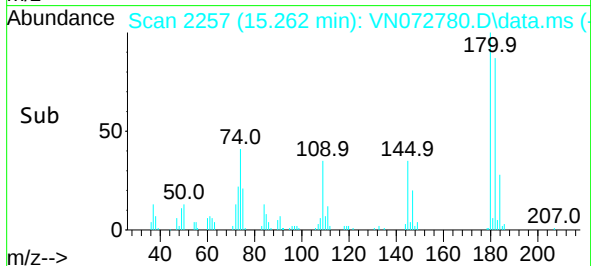
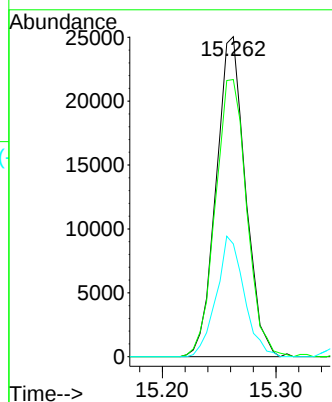
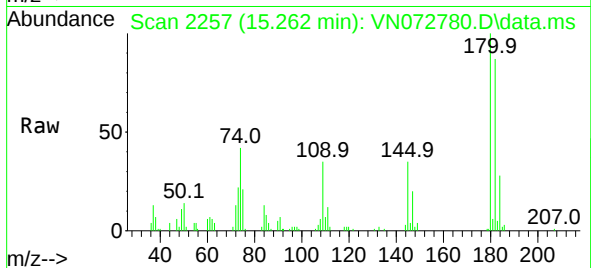
Tgt Ion:180	Resp:	4482
Ion Ratio	Lower	Upper
180	100	
182	92.7	77.7 116.5
145	35.8	26.6 39.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/13/2022

Supervised By :Mahesh Dadoda 06/13/2022



#90

Hexachlorobutadiene

Concen: 19.292 ug/l

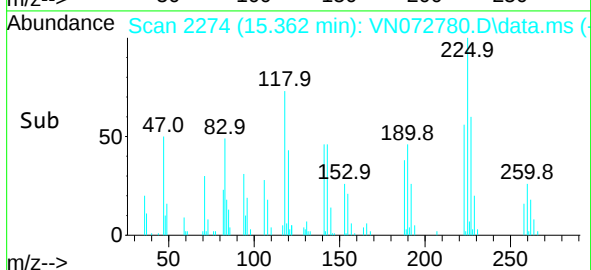
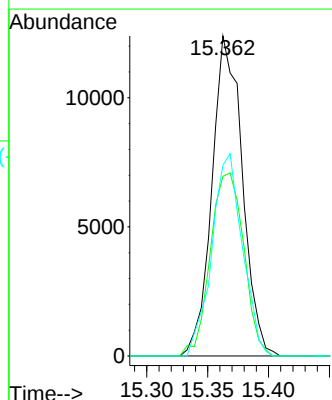
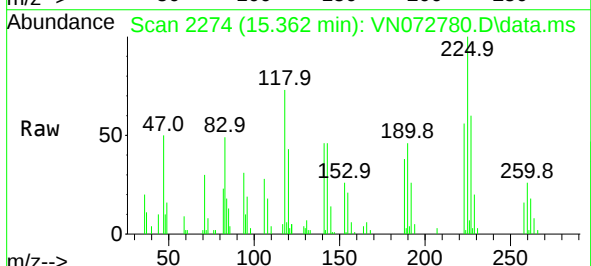
RT: 15.362 min Scan# 2274

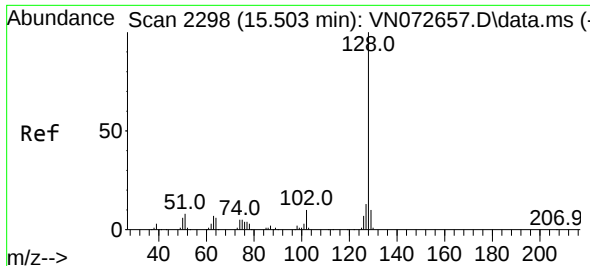
Delta R.T. 0.000 min

Lab File: VN072780.D

Acq: 11 Jun 2022 10:43

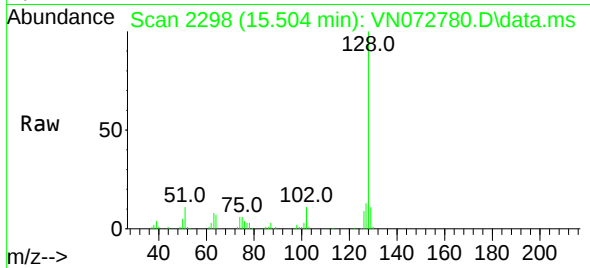
Tgt Ion:225	Resp:	21448
Ion Ratio	Lower	Upper
225	100	
223	63.1	0.0 126.8
227	63.7	0.0 123.0





#91
Naphthalene
Concen: 16.642 ug/l
RT: 15.504 min Scan# 2298
Delta R.T. 0.000 min
Lab File: VN072780.D
Acq: 11 Jun 2022 10:43

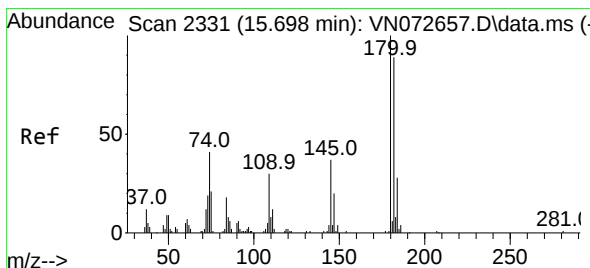
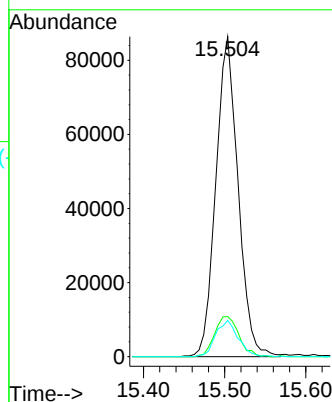
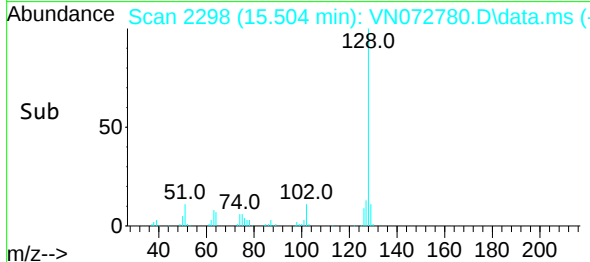
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



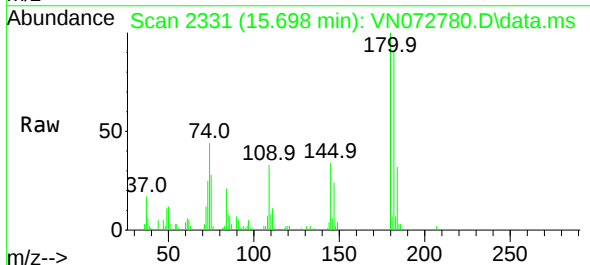
Tgt Ion:128 Resp: 16455
Ion Ratio Lower Upper
128 100
127 13.7 10.7 16.1
129 11.4 9.0 13.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/13/2022
Supervised By :Mahesh Dadoda 06/13/2022



#92
1,2,3-Trichlorobenzene
Concen: 17.795 ug/l
RT: 15.698 min Scan# 2331
Delta R.T. 0.000 min
Lab File: VN072780.D
Acq: 11 Jun 2022 10:43



Tgt Ion:180 Resp: 44863
Ion Ratio Lower Upper
180 100
182 96.7 0.0 190.0
145 37.4 0.0 67.8

