

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062123\
 Data File : VN078315.D
 Acq On : 21 Jun 2023 11:56
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/22/2023
 Supervised By : Mahesh Dadoda 06/22/2023

Quant Time: Jun 22 04:45:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060623W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 07 05:05:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	353882	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	639906	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	557239	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	218664	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	274407	58.158	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 116.320%			
35) Dibromofluoromethane	8.171	113	231973	57.333	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 114.660%			
50) Toluene-d8	10.571	98	863705	55.373	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 110.740%			
62) 4-Bromofluorobenzene	12.853	95	276967	57.118	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 114.240%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	180196	45.046	ug/l	100
3) Chloromethane	2.371	50	199365	53.088	ug/l	94
4) Vinyl Chloride	2.524	62	292118	55.767	ug/l	96
5) Bromomethane	2.953	94	206742	52.225	ug/l	98
6) Chloroethane	3.124	64	205083	57.433	ug/l	96
7) Trichlorofluoromethane	3.506	101	456762	64.302	ug/l	99
8) Diethyl Ether	3.977	74	154276	61.812	ug/l	81
9) 1,1,2-Trichlorotrifluo...	4.377	101	229859	61.316	ug/l	98
10) Methyl Iodide	4.600	142	278325	52.499	ug/l	98
11) Tert butyl alcohol	5.524	59	159244	244.425	ug/l	99
12) 1,1-Dichloroethene	4.347	96	225086	58.246	ug/l	92
13) Acrolein	4.183	56	296080	412.344	ug/l	96
14) Allyl chloride	5.036	41	250506	53.104	ug/l	94
15) Acrylonitrile	5.730	53	485989	289.335	ug/l	99
16) Acetone	4.442	43	366012	269.501	ug/l	93
17) Carbon Disulfide	4.724	76	434289	43.662	ug/l	97
18) Methyl Acetate	5.030	43	351252	56.176	ug/l	91
19) Methyl tert-butyl Ether	5.806	73	691308	56.069	ug/l	98
20) Methylene Chloride	5.289	84	230286	51.312	ug/l	90
21) trans-1,2-Dichloroethene	5.800	96	213837	51.305	ug/l	86
22) Diisopropyl ether	6.683	45	665648	59.989	ug/l	94
23) Vinyl Acetate	6.612	43	1937192	293.692	ug/l #	90
24) 1,1-Dichloroethane	6.583	63	419349	57.289	ug/l	96
25) 2-Butanone	7.488	43	602525	288.499	ug/l #	86
26) 2,2-Dichloropropane	7.500	77	340964	63.086	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	257533	51.800	ug/l	90
28) Bromochloromethane	7.818	49	204731	60.916	ug/l	89
29) Tetrahydrofuran	7.841	42	399930	286.450	ug/l	84
30) Chloroform	7.971	83	464782	58.966	ug/l	93
31) Cyclohexane	8.265	56	286778	47.381	ug/l	91
32) 1,1,1-Trichloroethane	8.177	97	400755	57.913	ug/l	96
36) 1,1-Dichloropropene	8.377	75	308332	53.128	ug/l	98
37) Ethyl Acetate	7.571	43	259571	57.253	ug/l	95
38) Carbon Tetrachloride	8.371	117	348381	56.851	ug/l	98
39) Methylcyclohexane	9.606	83	257798	42.863	ug/l #	87
40) Benzene	8.612	78	966410	55.778	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	142158	57.848	ug/l	93
42) 1,2-Dichloroethane	8.677	62	339323	57.119	ug/l	98
43) Isopropyl Acetate	8.694	43	459174	52.958	ug/l	94
44) Trichloroethene	9.359	130	242188	52.930	ug/l	97
45) 1,2-Dichloropropane	9.624	63	254587	59.059	ug/l	94
46) Dibromomethane	9.712	93	174956	55.101	ug/l	94
47) Bromodichloromethane	9.894	83	363437	61.621	ug/l	98
48) Methyl methacrylate	9.682	41	210040	57.724	ug/l	89
49) 1,4-Dioxane	9.700	88	72001	941.476	ug/l #	81
51) 4-Methyl-2-Pentanone	10.447	43	1370999	300.273	ug/l	93
52) Toluene	10.635	92	613622	56.094	ug/l	97
53) t-1,3-Dichloropropene	10.841	75	371796	60.529	ug/l	100
54) cis-1,3-Dichloropropene	10.318	75	400646	59.006	ug/l	96
55) 1,1,2-Trichloroethane	11.023	97	251638	60.809	ug/l	97
56) Ethyl methacrylate	10.876	69	357460	59.324	ug/l	91
57) 1,3-Dichloropropane	11.171	76	414514	59.342	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	667286	274.137	ug/l	92
59) 2-Hexanone	11.200	43	950102	298.854	ug/l	92
60) Dibromochloromethane	11.365	129	276978	61.167	ug/l	100
61) 1,2-Dibromoethane	11.476	107	245699	56.577	ug/l	99
64) Tetrachloroethene	11.112	164	190620	51.276	ug/l	95
65) Chlorobenzene	11.894	112	659364	55.253	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	256514	58.443	ug/l	98
67) Ethyl Benzene	11.970	91	1164675	56.562	ug/l	99
68) m/p-Xylenes	12.076	106	869190	110.762	ug/l	98
69) o-Xylene	12.406	106	425703	55.241	ug/l	96
70) Styrene	12.418	104	705396	58.143	ug/l	98
71) Bromoform	12.588	173	174468	61.595	ug/l #	99
73) Isopropylbenzene	12.700	105	1043740	50.477	ug/l	98
74) N-amyl acetate	12.500	43	362913	53.297	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.941	83	351923	62.492	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	275885m	53.370	ug/l	
77) Bromobenzene	12.982	156	250200	52.125	ug/l	98
78) n-propylbenzene	13.041	91	1170900	52.120	ug/l	99
79) 2-Chlorotoluene	13.129	91	742037	51.169	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	841683	50.277	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	101020	60.040	ug/l	94
82) 4-Chlorotoluene	13.229	91	724128	53.503	ug/l	100
83) tert-Butylbenzene	13.441	119	663712	45.609	ug/l	99
84) 1,2,4-Trimethylbenzene	13.488	105	854404	52.642	ug/l	99
85) sec-Butylbenzene	13.617	105	872889	45.829	ug/l	100
86) p-Isopropyltoluene	13.735	119	710230	45.950	ug/l	98
87) 1,3-Dichlorobenzene	13.741	146	415162	51.133	ug/l	98
88) 1,4-Dichlorobenzene	13.817	146	405410	51.746	ug/l	99
89) n-Butylbenzene	14.059	91	549198	45.048	ug/l	98
90) Hexachloroethane	14.335	117	134532	49.046	ug/l	89
91) 1,2-Dichlorobenzene	14.112	146	412582	51.994	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.729	75	54498	53.210	ug/l	99
93) 1,2,4-Trichlorobenzene	15.394	180	125094	44.246	ug/l	96
94) Hexachlorobutadiene	15.506	225	62661	44.944	ug/l	98
95) Naphthalene	15.647	128	411045	43.221	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	134675	42.591	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

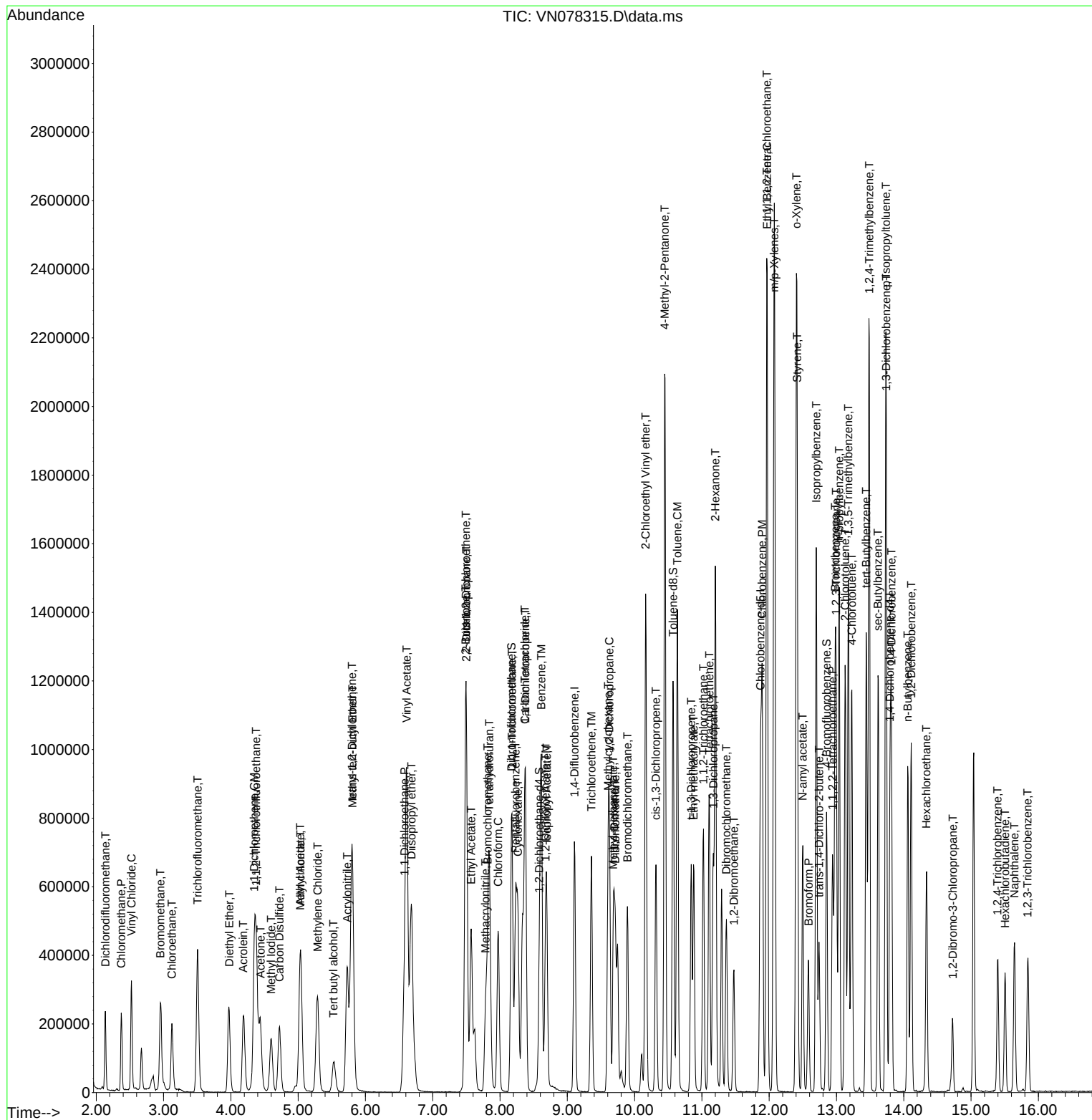
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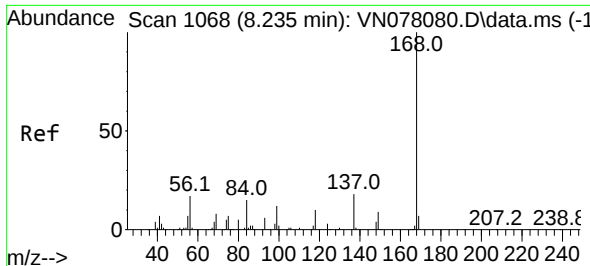
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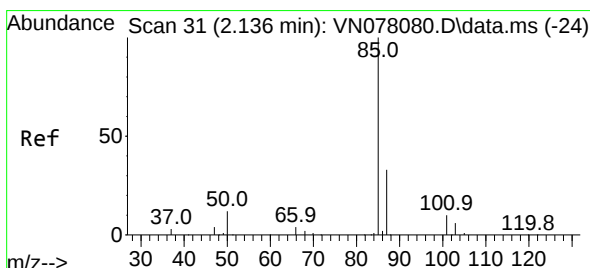
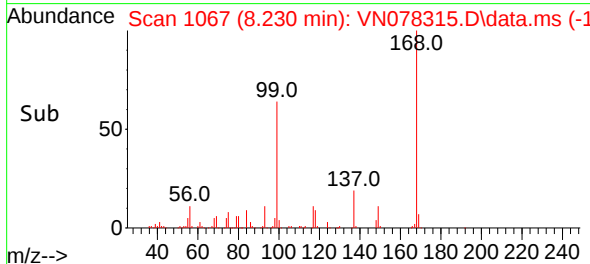
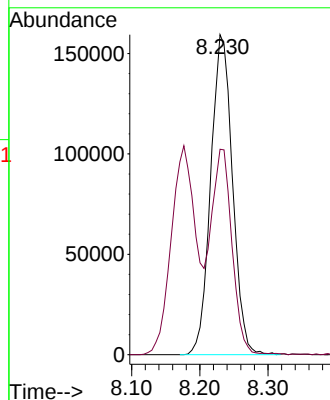
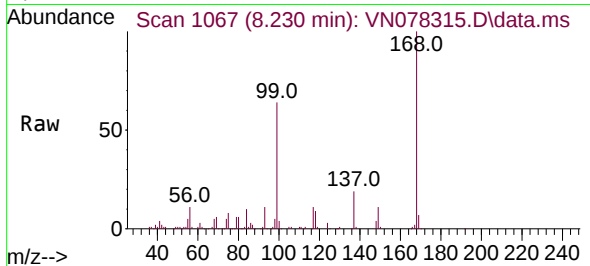
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Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1068
Delta R.T. -0.005 min
Lab File: VN078315.D
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Tgt Ion:168 Resp: 35388
Ion Ratio Lower Upper
168 100
99 63.9 53.0 79.6

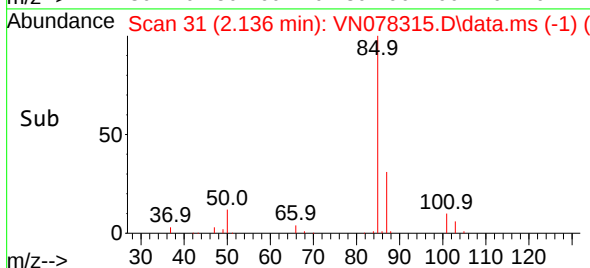
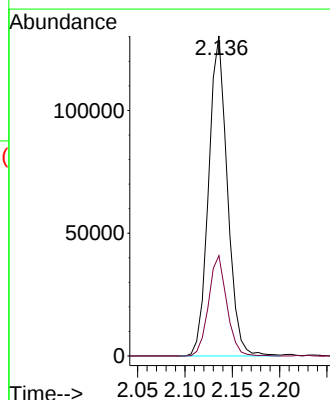
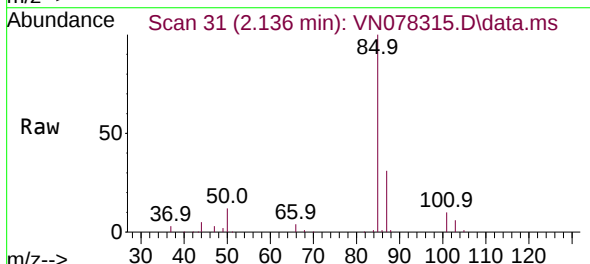
Manual Integrations
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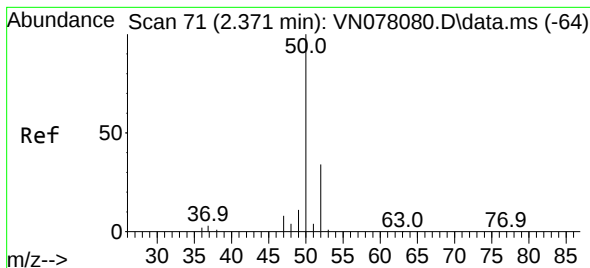
Reviewed By :John Carlone 06/22/2023
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#2
Dichlorodifluoromethane
Concen: 45.046 ug/l
RT: 2.136 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN078315.D
Acq: 21 Jun 2023 11:56

Tgt Ion: 85 Resp: 180196
Ion Ratio Lower Upper
85 100
87 31.3 15.8 47.4





#3

Chloromethane

Concen: 53.088 ug/l

RT: 2.371 min Scan# 71

Delta R.T. 0.000 min

Lab File: VN078315.D

Acq: 21 Jun 2023 11:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 50 Resp: 19936

Ion Ratio Lower Upper

50 100

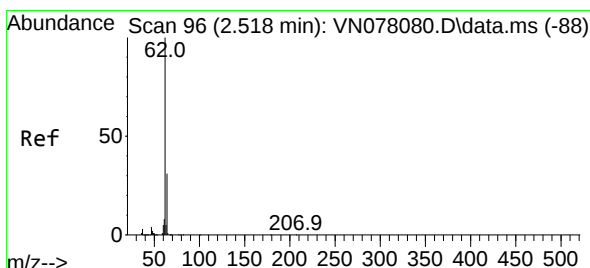
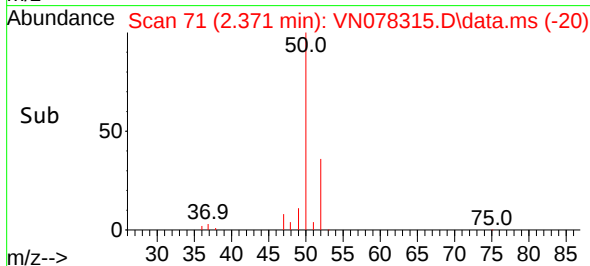
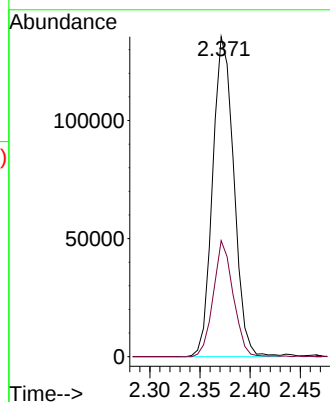
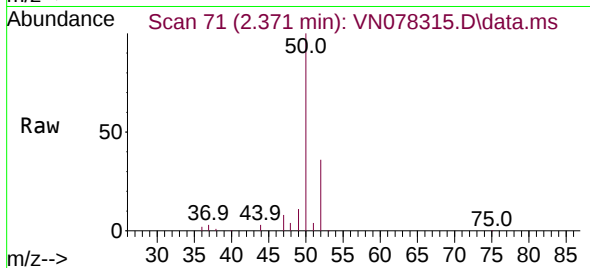
52 36.3 26.5 39.7

Manual Integrations

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#4

Vinyl Chloride

Concen: 55.767 ug/l

RT: 2.524 min Scan# 97

Delta R.T. 0.006 min

Lab File: VN078315.D

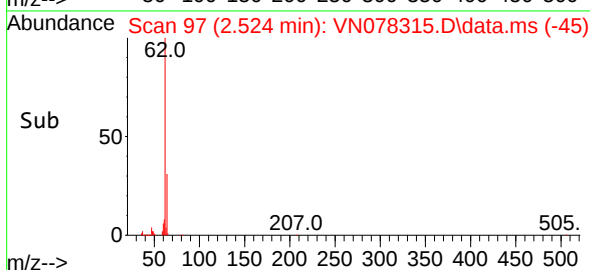
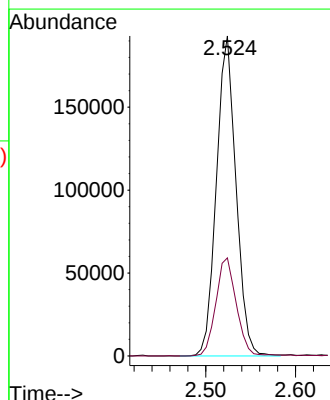
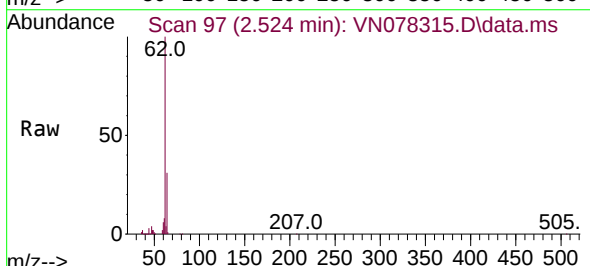
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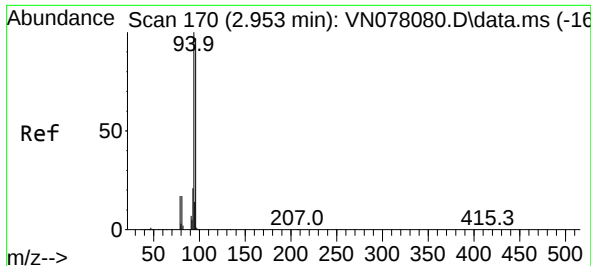
Tgt Ion: 62 Resp: 292118

Ion Ratio Lower Upper

62 100

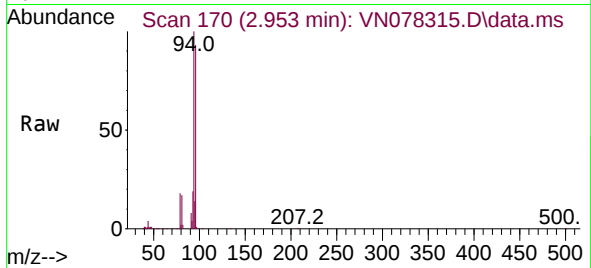
64 30.7 26.2 39.2





#5
Bromomethane
Concen: 52.225 ug/l
RT: 2.953 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078315.D
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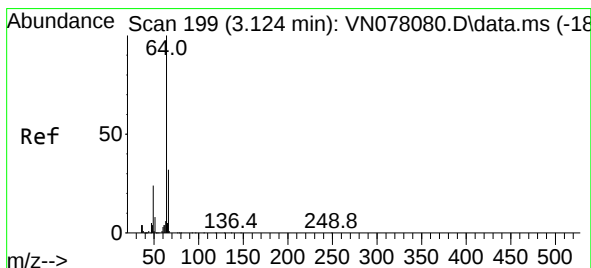
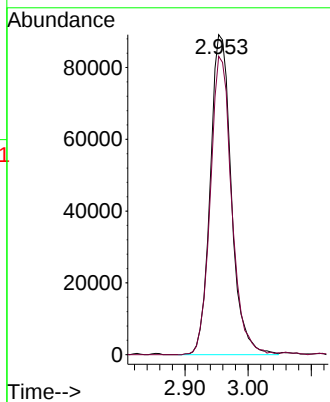
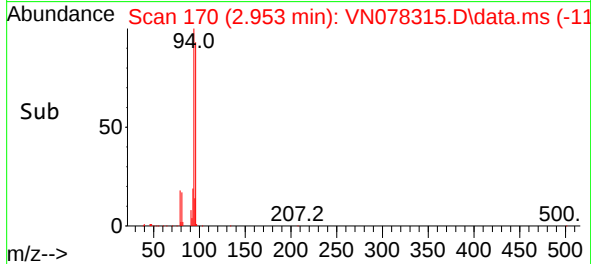
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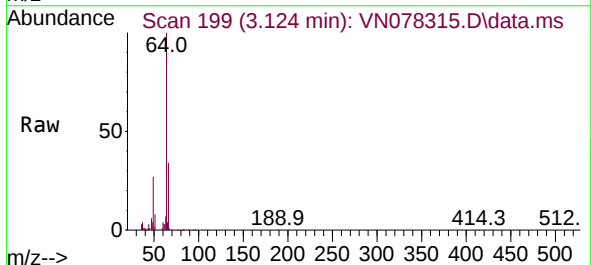
Tgt Ion: 94 Resp: 20674
Ion Ratio Lower Upper
94 100
96 93.3 73.1 109.7

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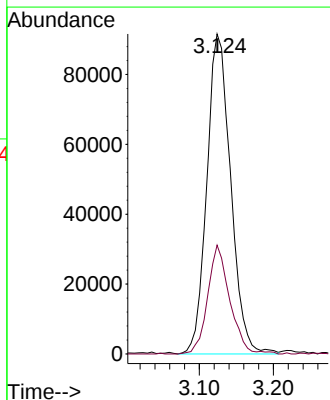
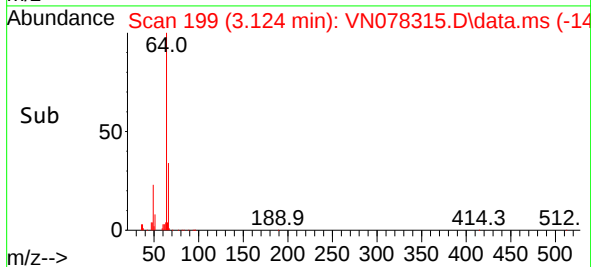
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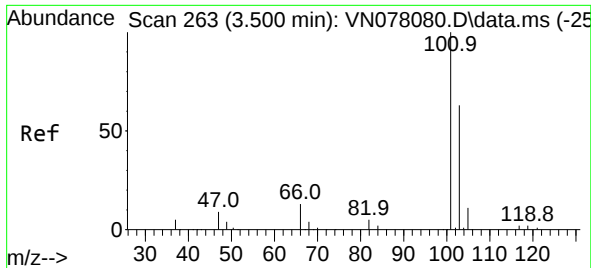


#6
Chloroethane
Concen: 57.433 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.000 min
Lab File: VN078315.D
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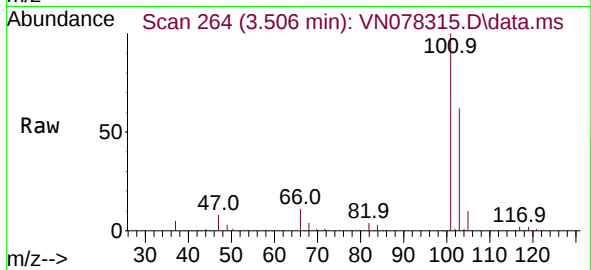
Tgt Ion: 64 Resp: 205083
Ion Ratio Lower Upper
64 100
66 34.0 25.4 38.2





#7
 Trichlorofluoromethane
 Concen: 64.302 ug/l
 RT: 3.506 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VN078315.D
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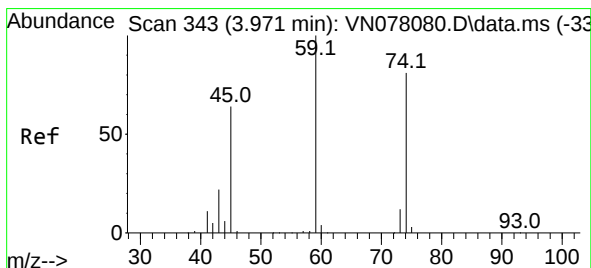
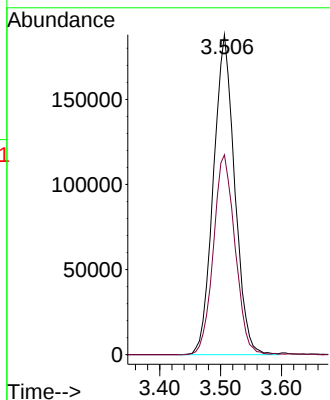
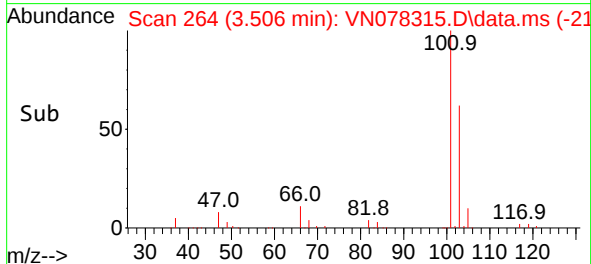
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Tgt Ion:101 Resp: 456762
 Ion Ratio Lower Upper
 101 100
 103 62.4 50.7 76.1

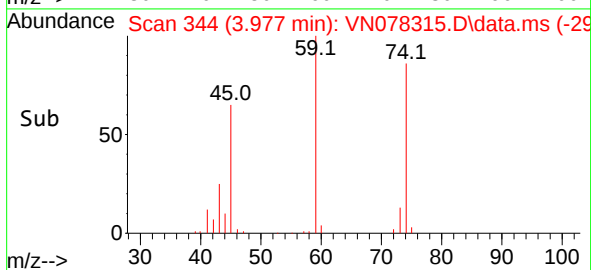
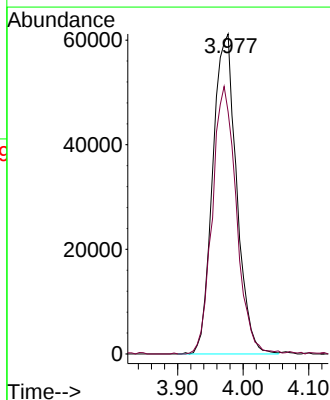
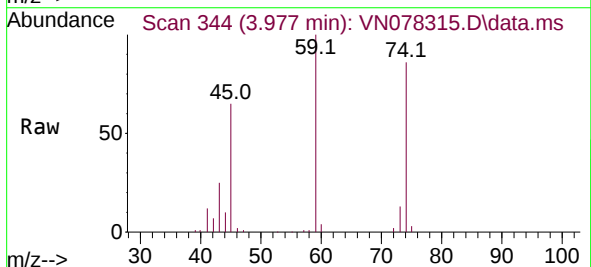
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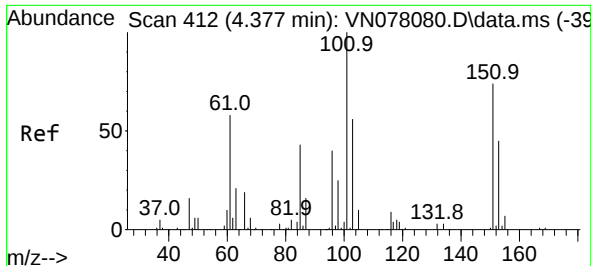
Reviewed By :John Carlone 06/22/2023
 Supervised By :Mahesh Dadoda 06/22/2023



#8
 Diethyl Ether
 Concen: 61.812 ug/l
 RT: 3.977 min Scan# 344
 Delta R.T. 0.006 min
 Lab File: VN078315.D
 Acq: 21 Jun 2023 11:56

Tgt Ion: 74 Resp: 154276
 Ion Ratio Lower Upper
 74 100
 45 84.5 34.4 103.3





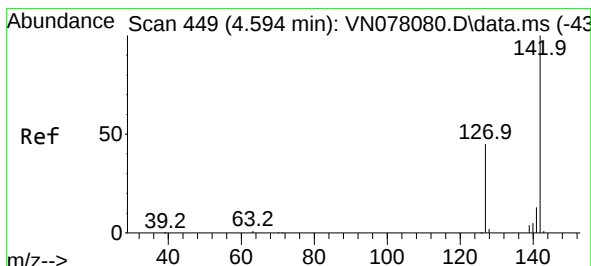
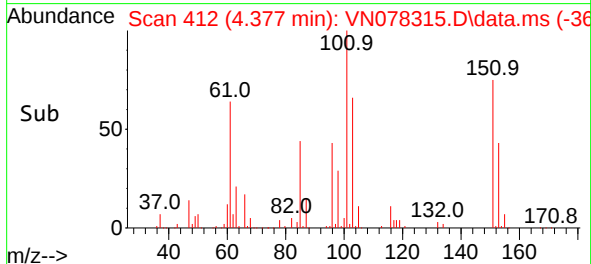
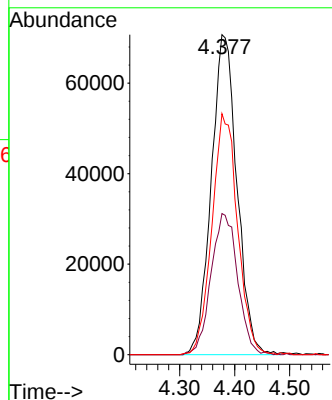
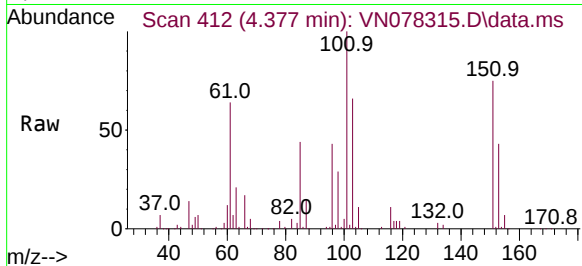
#9
1,1,2-Trichlorotrifluoroethane
Concen: 61.316 ug/l
RT: 4.377 min Scan# 412
Delta R.T. 0.000 min
Lab File: VN078315.D
Acq: 21 Jun 2023 11:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 229855
Ion Ratio Lower Upper
101 100
85 45.6 36.6 55.0
151 75.1 57.6 86.4

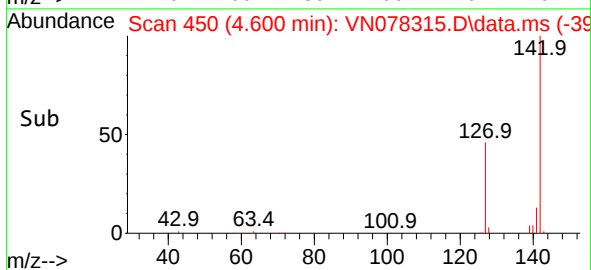
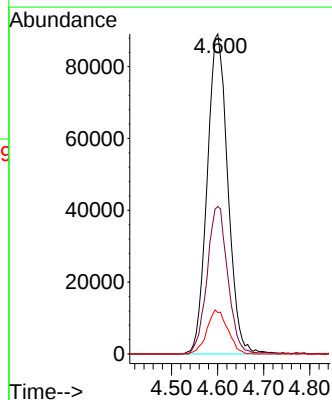
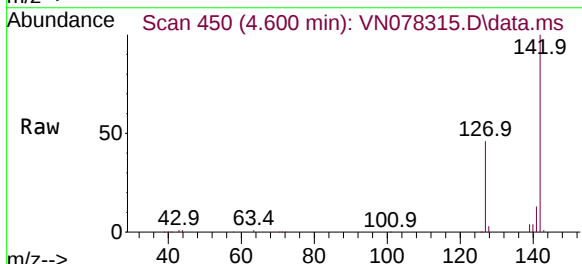
Manual Integrations
APPROVED

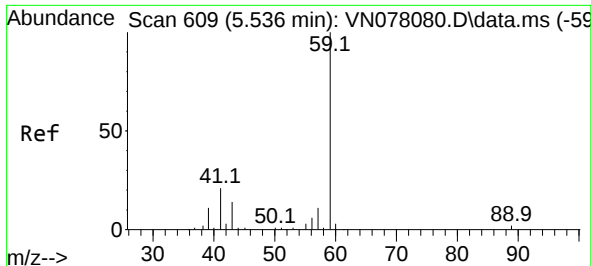
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023



#10
Methyl Iodide
Concen: 52.499 ug/l
RT: 4.600 min Scan# 450
Delta R.T. 0.006 min
Lab File: VN078315.D
Acq: 21 Jun 2023 11:56

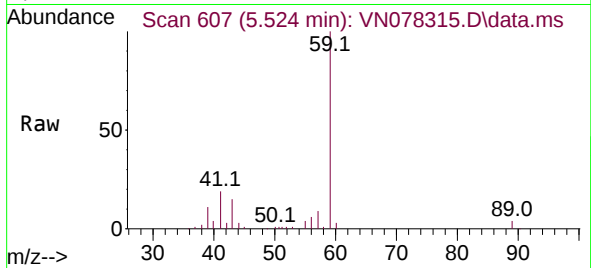
Tgt Ion:142 Resp: 278325
Ion Ratio Lower Upper
142 100
127 46.1 37.6 56.4
141 13.0 11.4 17.0





#11
Tert butyl alcohol
Concen: 244.425 ug/l
RT: 5.524 min Scan# 609
Delta R.T. -0.012 min
Lab File: VN078315.D
Acq: 21 Jun 2023 11:56

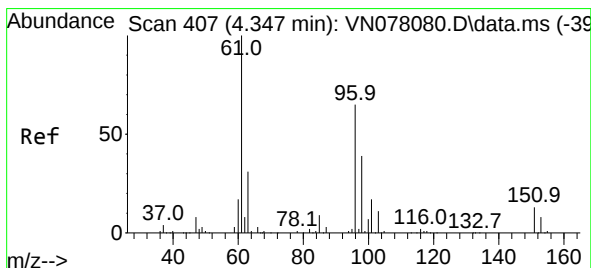
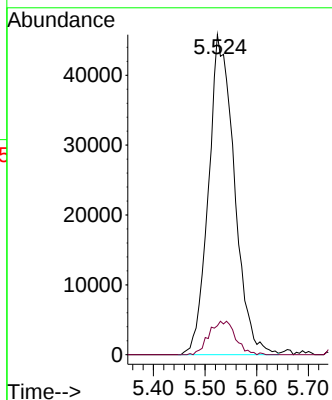
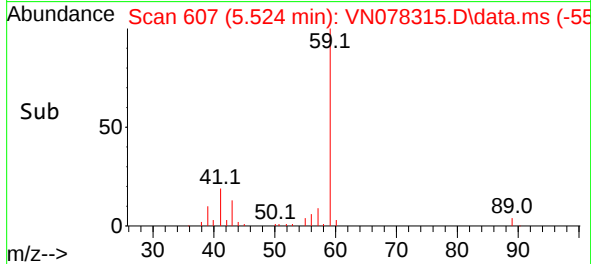
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



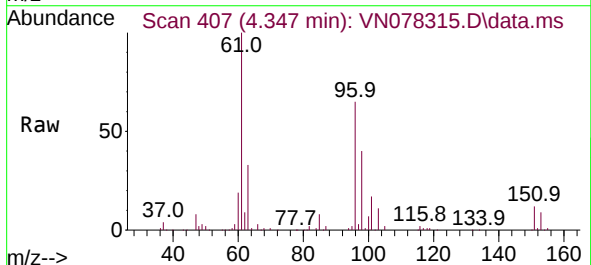
Tgt Ion: 59 Resp: 159244
Ion Ratio Lower Upper
59 100
57 10.6 8.2 12.4

Manual Integrations
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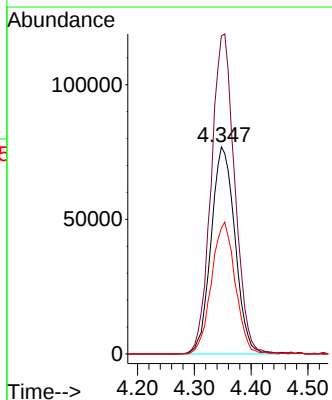
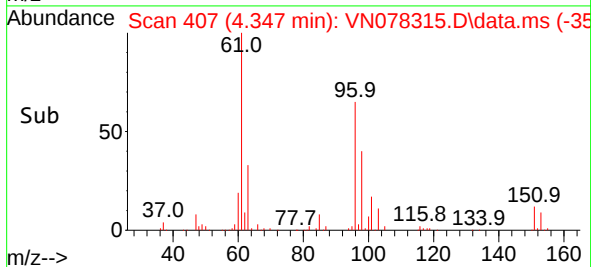
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023

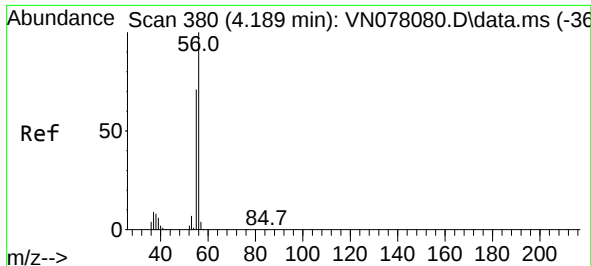


#12
1,1-Dichloroethene
Concen: 58.246 ug/l
RT: 4.347 min Scan# 407
Delta R.T. 0.000 min
Lab File: VN078315.D
Acq: 21 Jun 2023 11:56



Tgt Ion: 96 Resp: 225086
Ion Ratio Lower Upper
96 100
61 153.7 112.7 169.1
98 61.0 51.2 76.8





#13

Acrolein

Concen: 412.344 ug/l

RT: 4.183 min Scan# 31

Delta R.T. -0.006 min

Lab File: VN078315.D

Acq: 21 Jun 2023 11:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 296080

Ion Ratio Lower Upper

56 100

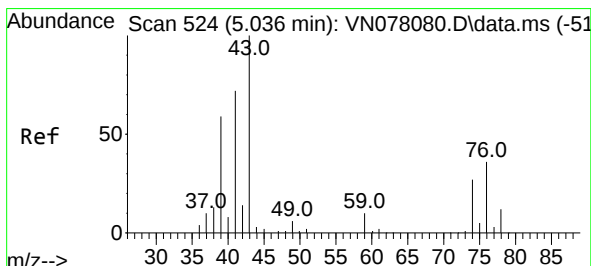
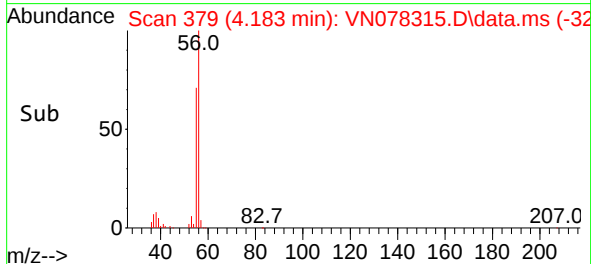
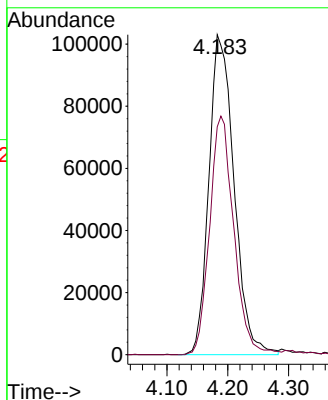
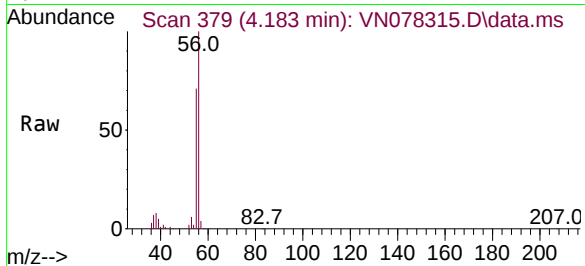
55 71.6 54.5 81.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/22/2023

Supervised By :Mahesh Dadoda 06/22/2023



#14

Allyl chloride

Concen: 53.104 ug/l

RT: 5.036 min Scan# 524

Delta R.T. 0.000 min

Lab File: VN078315.D

Acq: 21 Jun 2023 11:56

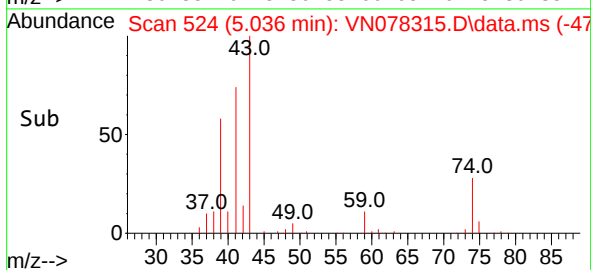
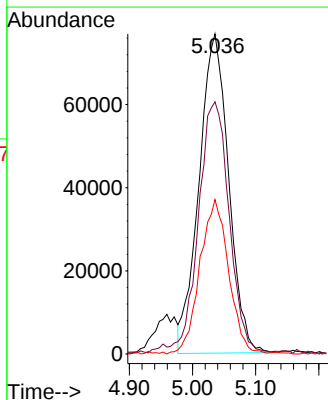
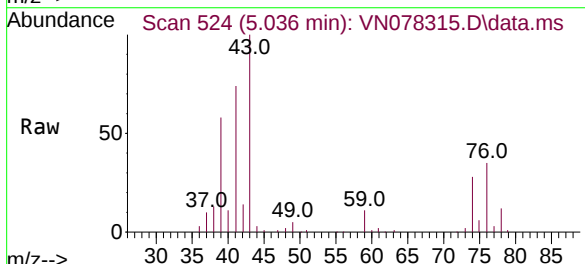
Tgt Ion: 41 Resp: 250506

Ion Ratio Lower Upper

41 100

39 80.4 58.8 88.2

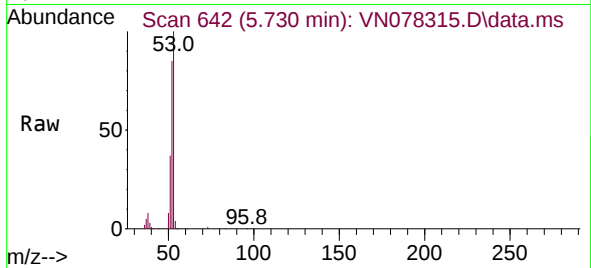
76 46.8 39.1 58.7





#15
Acrylonitrile
Concen: 289.335 ug/l
RT: 5.730 min Scan# 642
Delta R.T. 0.000 min
Lab File: VN078315.D
Acq: 21 Jun 2023 11:56

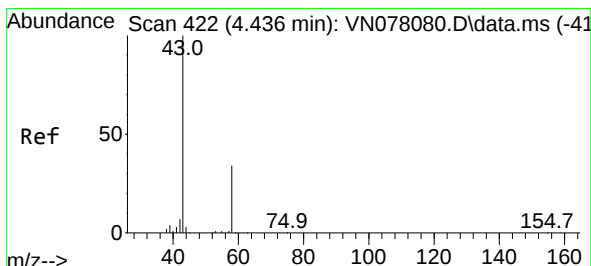
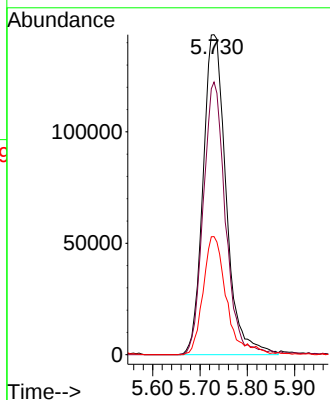
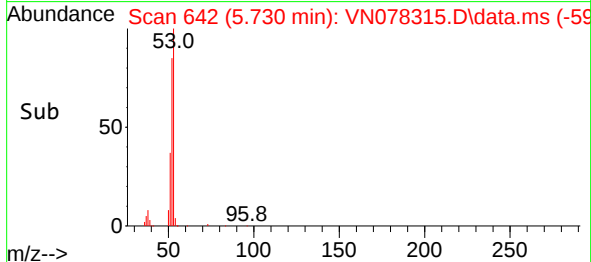
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



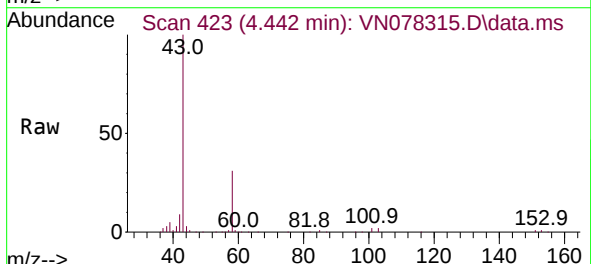
Tgt Ion: 53 Resp: 485989
Ion Ratio Lower Upper
53 100
52 82.0 65.3 97.9
51 37.4 28.9 43.3

Manual Integrations
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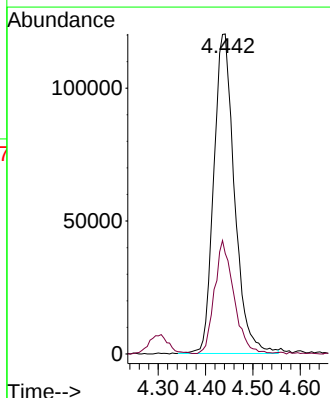
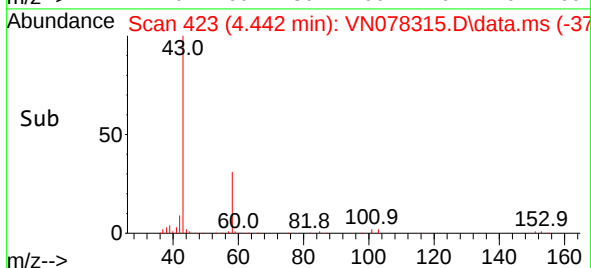
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023

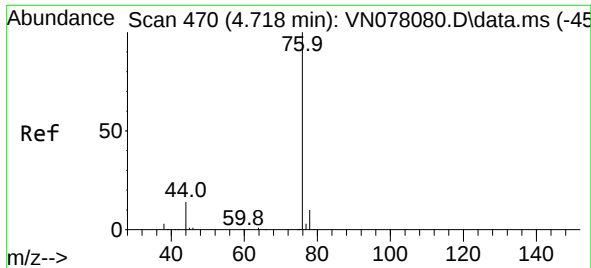


#16
Acetone
Concen: 269.501 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.006 min
Lab File: VN078315.D
Acq: 21 Jun 2023 11:56



Tgt Ion: 43 Resp: 366012
Ion Ratio Lower Upper
43 100
58 31.0 28.0 42.0





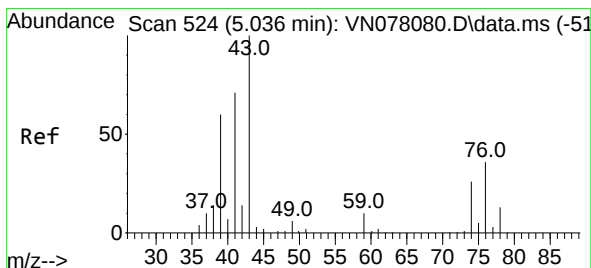
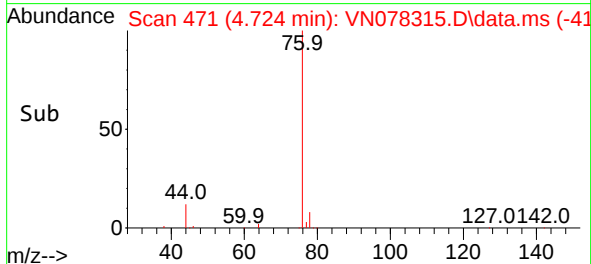
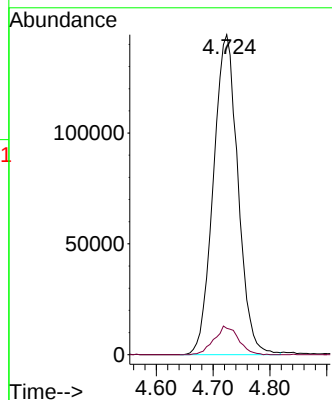
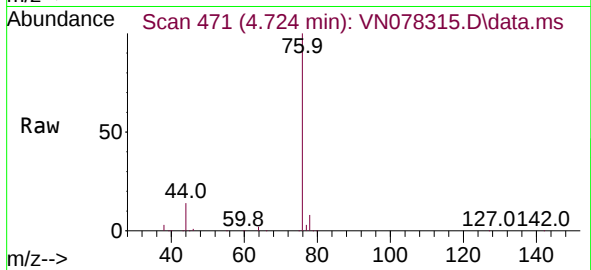
#17
Carbon Disulfide
Concen: 43.662 ug/l
RT: 4.724 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN078315.D
Acq: 21 Jun 2023 11:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 434289
Ion Ratio Lower Upper
76 100
78 8.2 7.4 11.0

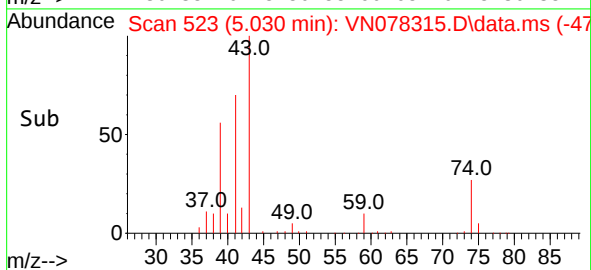
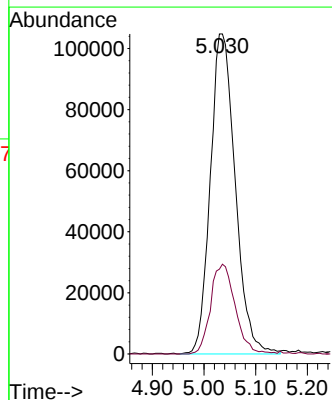
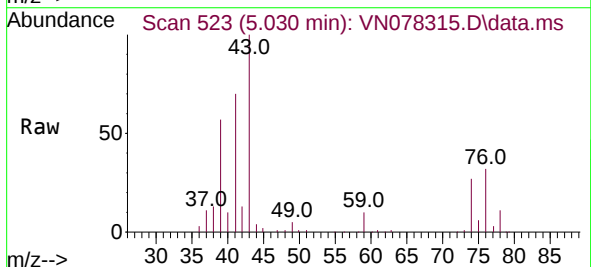
Manual Integrations
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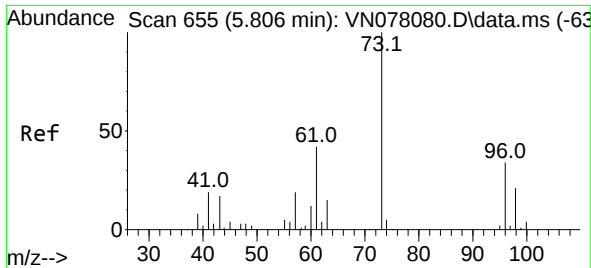
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023



#18
Methyl Acetate
Concen: 56.176 ug/l
RT: 5.030 min Scan# 523
Delta R.T. -0.006 min
Lab File: VN078315.D
Acq: 21 Jun 2023 11:56

Tgt Ion: 43 Resp: 351252
Ion Ratio Lower Upper
43 100
74 27.6 26.2 39.4





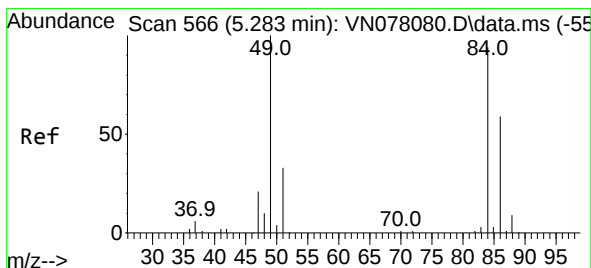
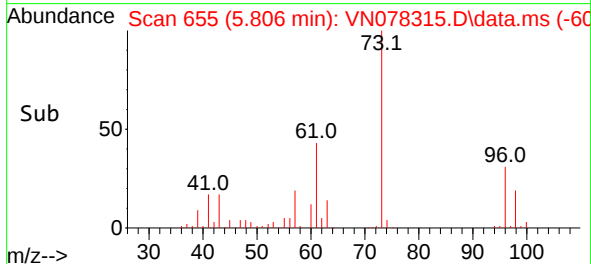
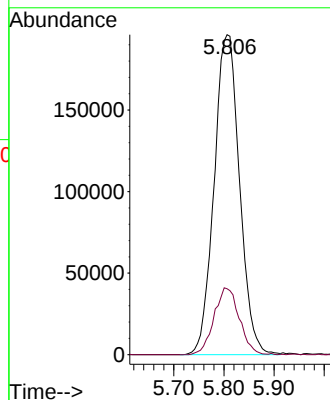
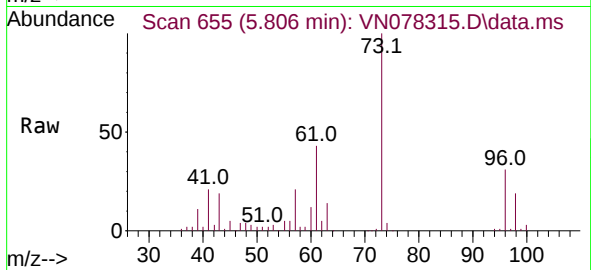
#19
Methyl tert-butyl Ether
Concen: 56.069 ug/l
RT: 5.806 min Scan# 613
Delta R.T. 0.000 min
Lab File: VN078315.D
Acq: 21 Jun 2023 11:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 691308
Ion Ratio Lower Upper
73 100
57 20.6 15.6 23.4

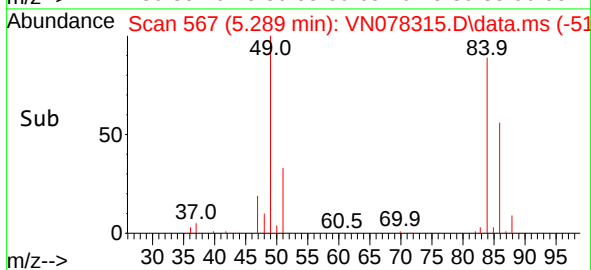
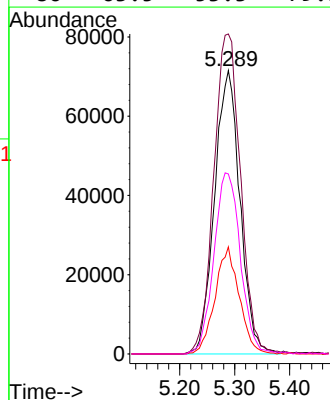
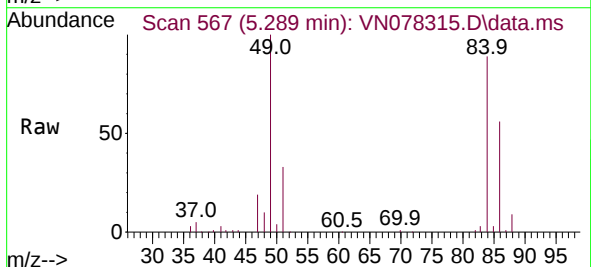
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023



#20
Methylene Chloride
Concen: 51.312 ug/l
RT: 5.289 min Scan# 567
Delta R.T. 0.006 min
Lab File: VN078315.D
Acq: 21 Jun 2023 11:56

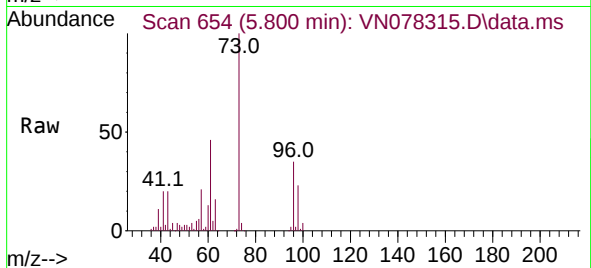
Tgt Ion: 84 Resp: 230286
Ion Ratio Lower Upper
84 100
49 112.9 79.7 119.5
51 37.8 25.2 37.8
86 63.5 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 51.305 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN078315.D
Acq: 21 Jun 2023 11:56

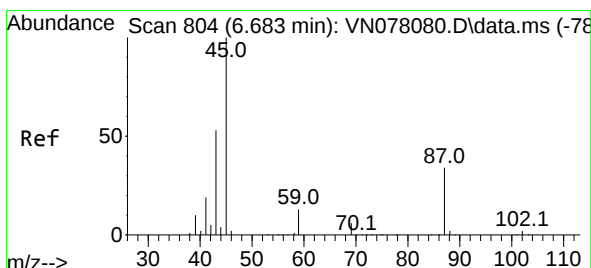
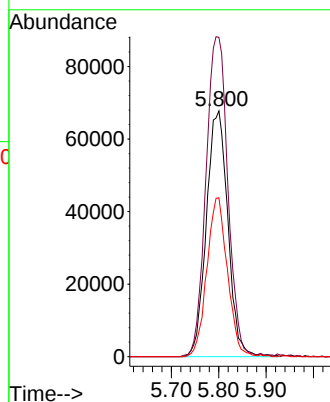
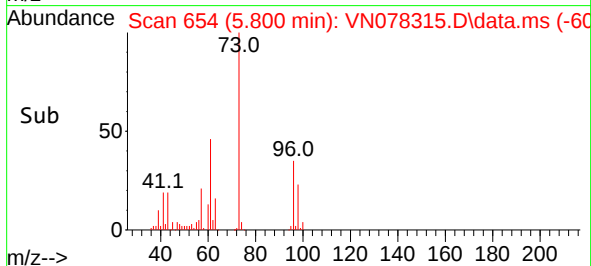
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 21383
Ion Ratio Lower Upper
96 100
61 129.9 90.1 135.1
98 64.6 46.4 69.6

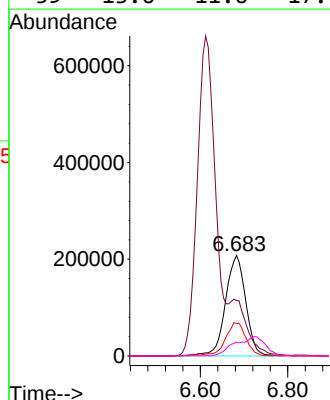
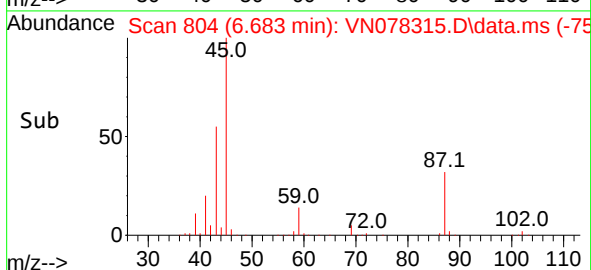
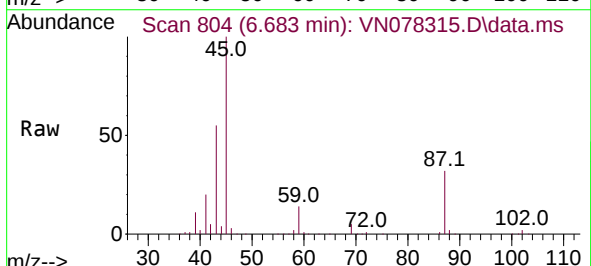
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023



#22
Diisopropyl ether
Concen: 59.989 ug/l
RT: 6.683 min Scan# 804
Delta R.T. 0.000 min
Lab File: VN078315.D
Acq: 21 Jun 2023 11:56

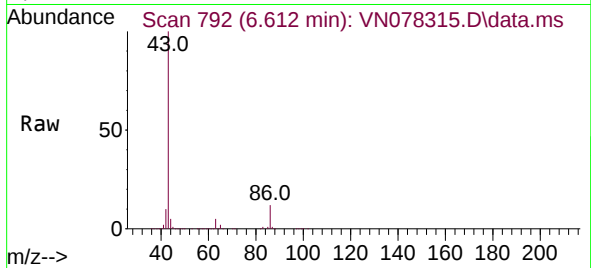
Tgt Ion: 45 Resp: 665648
Ion Ratio Lower Upper
45 100
43 54.3 45.5 68.3
87 32.5 31.8 47.8
59 13.6 11.6 17.4





#23
 Vinyl Acetate
 Concen: 293.692 ug/l
 RT: 6.612 min Scan# 792
 Delta R.T. 0.000 min
 Lab File: VN078315.D
 Acq: 21 Jun 2023 11:56

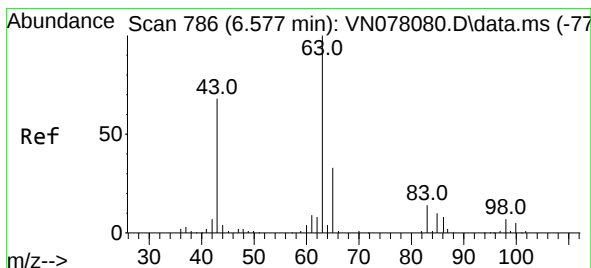
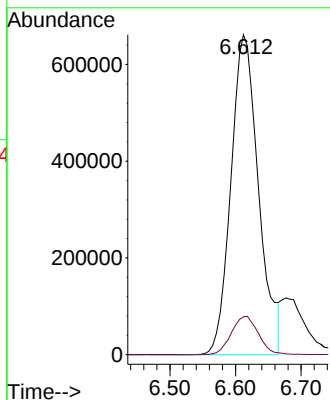
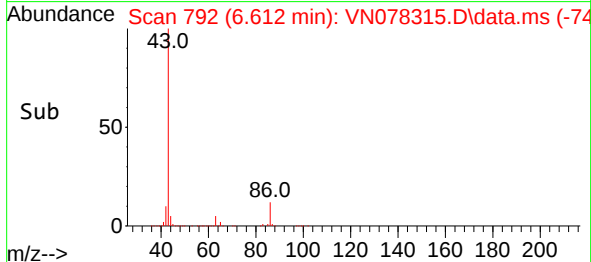
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



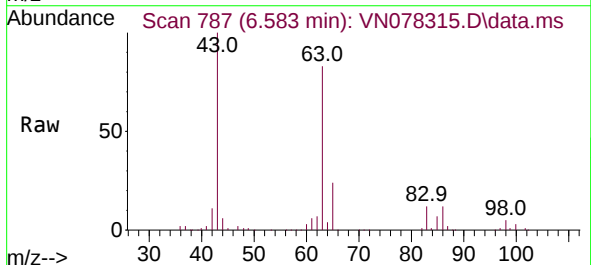
Tgt Ion: 43 Resp: 1937192
 Ion Ratio Lower Upper
 43 100
 86 11.9 13.0 19.6

Manual Integrations
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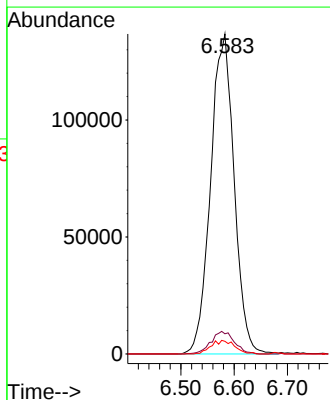
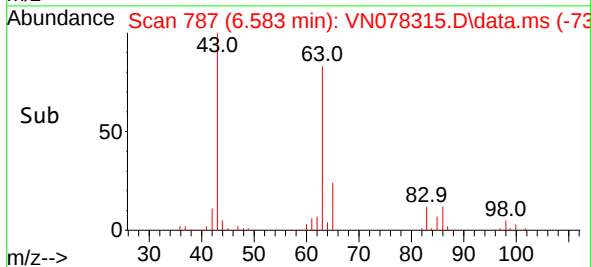
Reviewed By :John Carlone 06/22/2023
 Supervised By :Mahesh Dadoda 06/22/2023



#24
 1,1-Dichloroethane
 Concen: 57.289 ug/l
 RT: 6.583 min Scan# 787
 Delta R.T. 0.006 min
 Lab File: VN078315.D
 Acq: 21 Jun 2023 11:56



Tgt Ion: 63 Resp: 419349
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.9 11.7
 100 3.9 2.5 7.4





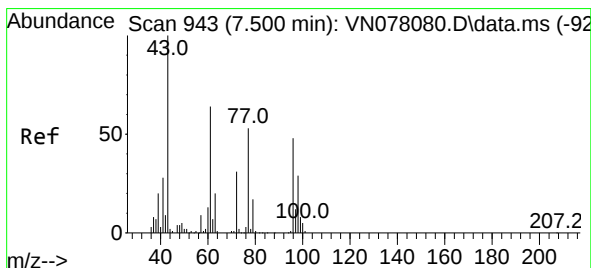
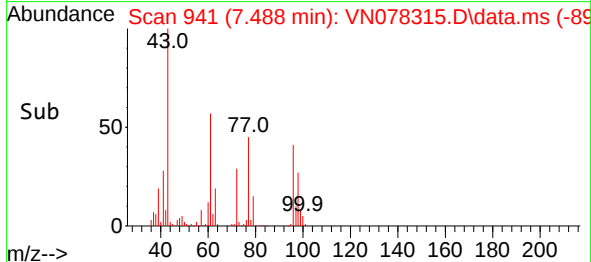
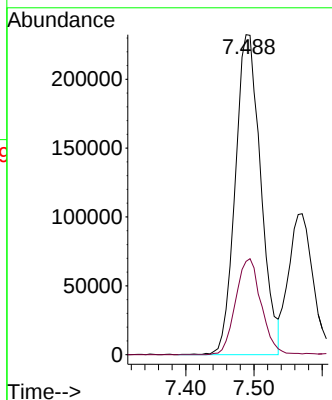
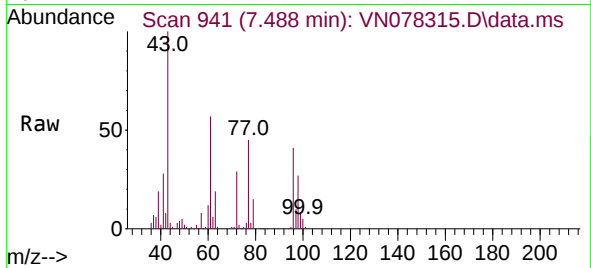
#25
2-Butanone
Concen: 288.499 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN078315.D
Acq: 21 Jun 2023 11:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 60252
Ion Ratio Lower Upper
43 100
72 29.2 30.2 45.2

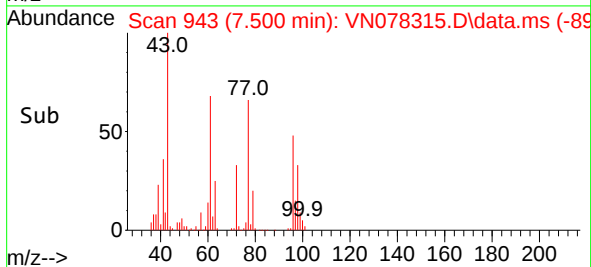
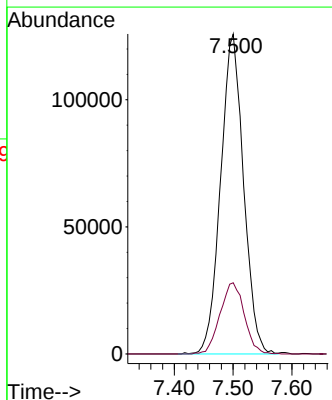
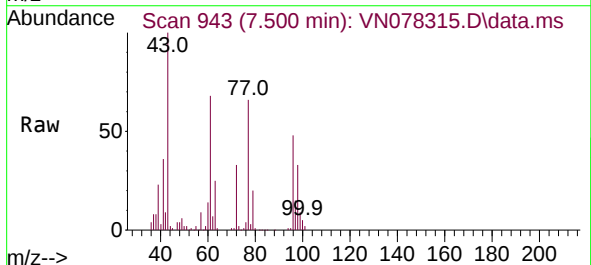
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023



#26
2,2-Dichloropropane
Concen: 63.086 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.000 min
Lab File: VN078315.D
Acq: 21 Jun 2023 11:56

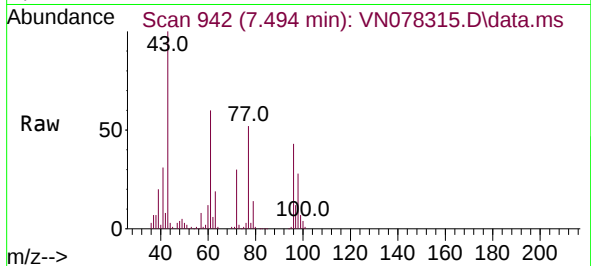
Tgt Ion: 77 Resp: 340964
Ion Ratio Lower Upper
77 100
97 23.5 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 51.800 ug/l
 RT: 7.494 min Scan# 942
 Delta R.T. 0.000 min
 Lab File: VN078315.D
 Acq: 21 Jun 2023 11:56

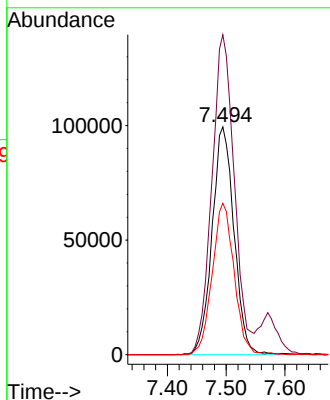
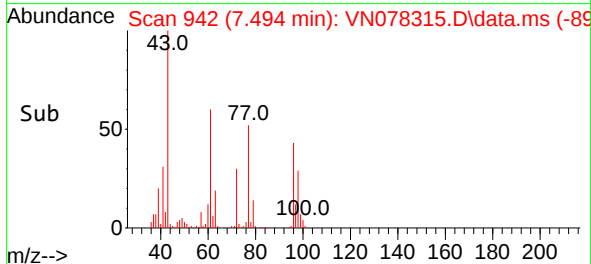
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 25753
 Ion Ratio Lower Upper
 96 100
 61 144.0 0.0 255.2
 98 66.1 0.0 128.8

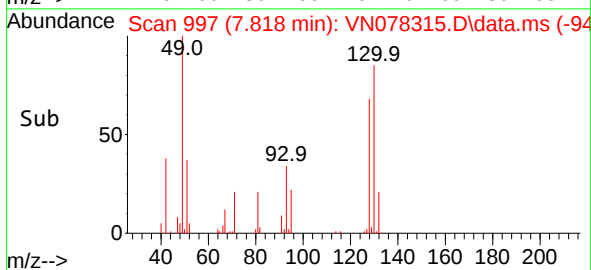
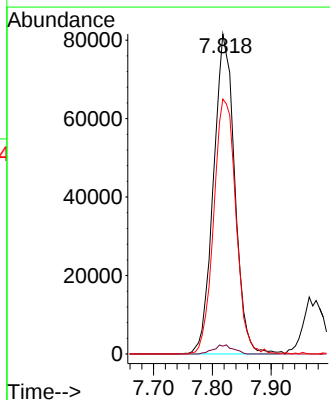
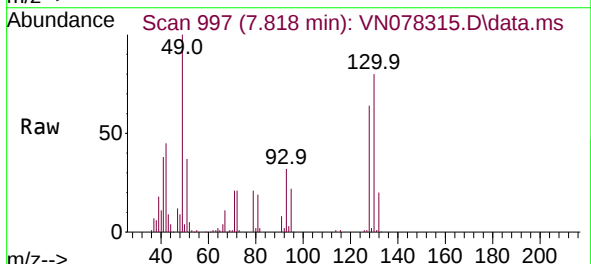
Manual Integrations
 APPROVED

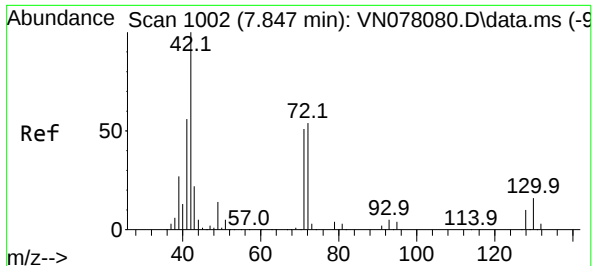
Reviewed By :John Carlone 06/22/2023
 Supervised By :Mahesh Dadoda 06/22/2023



#28
 Bromochloromethane
 Concen: 60.916 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. 0.000 min
 Lab File: VN078315.D
 Acq: 21 Jun 2023 11:56

Tgt Ion: 49 Resp: 204731
 Ion Ratio Lower Upper
 49 100
 129 2.6 0.0 4.8
 130 83.2 75.3 112.9





#29

Tetrahydrofuran

Concen: 286.450 ug/l

RT: 7.841 min Scan# 1002

Delta R.T. -0.006 min

Lab File: VN078315.D

Acq: 21 Jun 2023 11:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

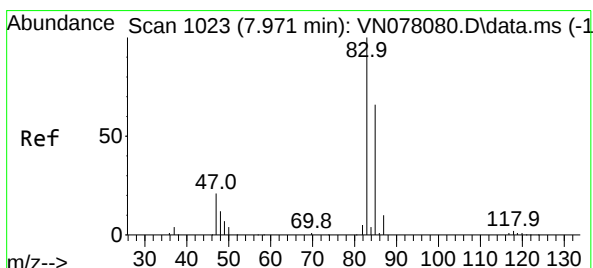
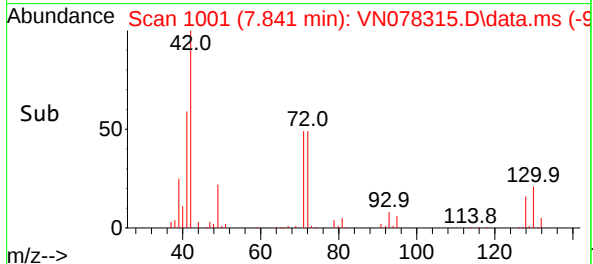
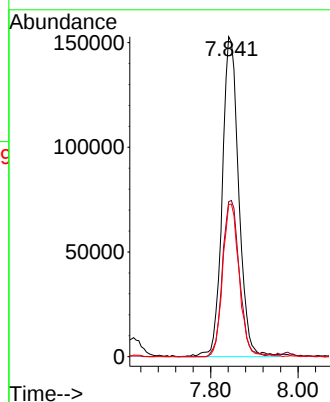
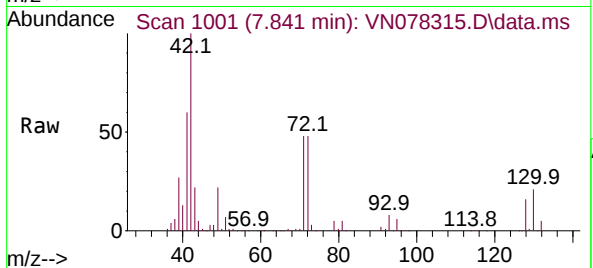
Tgt Ion: 42 Resp: 399930
 Ion Ratio Lower Upper
 42 100
 72 50.0 49.8 74.6
 71 47.8 47.4 71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/22/2023

Supervised By :Mahesh Dadoda 06/22/2023



#30

Chloroform

Concen: 58.966 ug/l

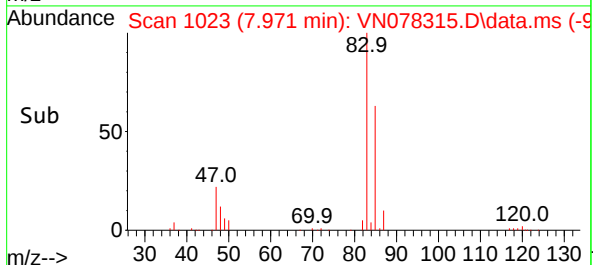
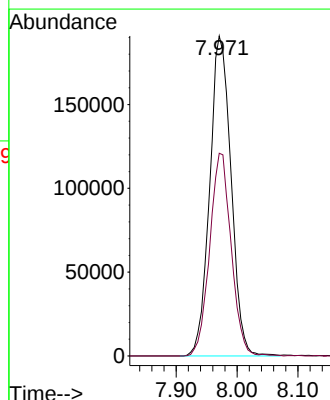
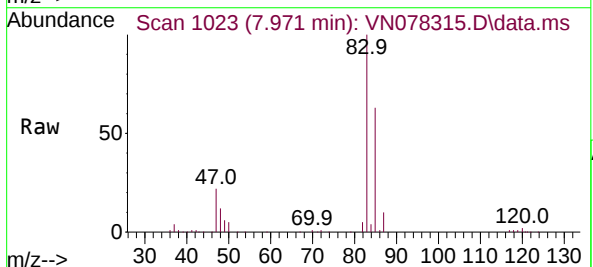
RT: 7.971 min Scan# 1023

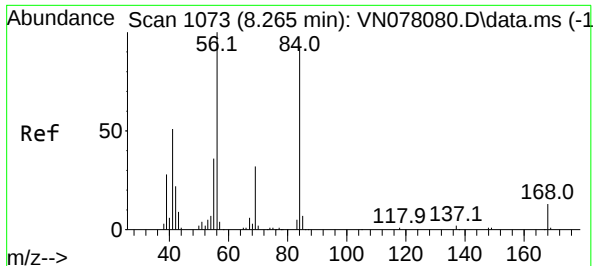
Delta R.T. 0.000 min

Lab File: VN078315.D

Acq: 21 Jun 2023 11:56

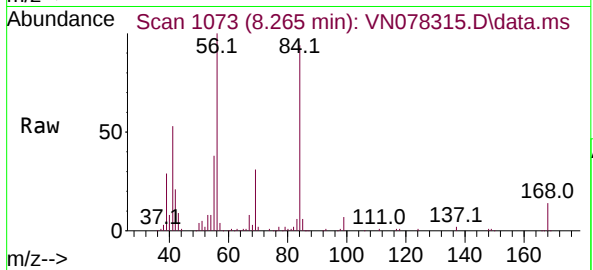
Tgt Ion: 83 Resp: 464782
 Ion Ratio Lower Upper
 83 100
 85 63.4 55.4 83.0





#31
Cyclohexane
Concen: 47.381 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. 0.000 min
Lab File: VN078315.D
Acq: 21 Jun 2023 11:56

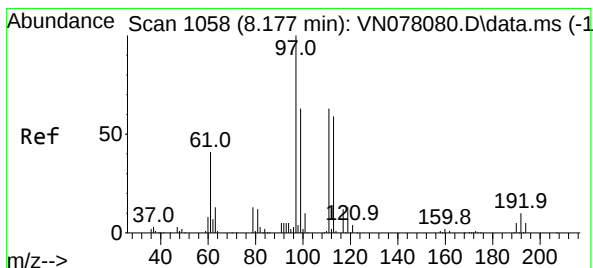
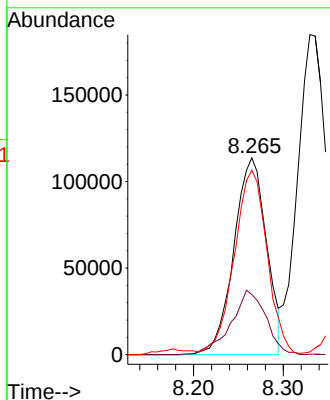
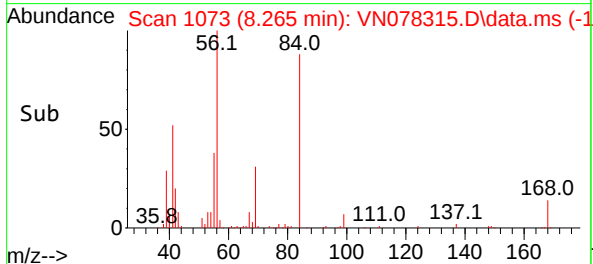
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



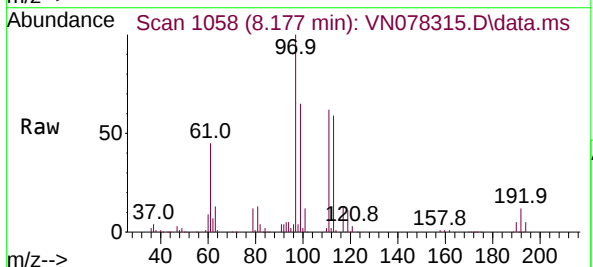
Tgt Ion: 56 Resp: 286778
Ion Ratio Lower Upper
56 100
69 30.6 26.8 40.2
84 91.6 81.8 122.6

Manual Integrations
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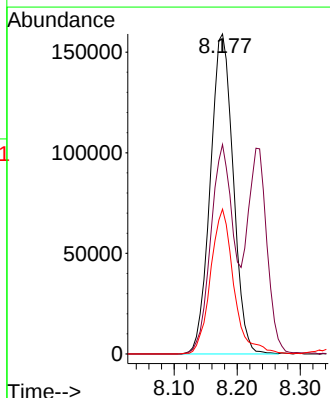
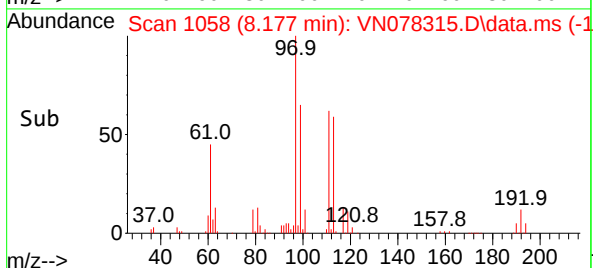
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023

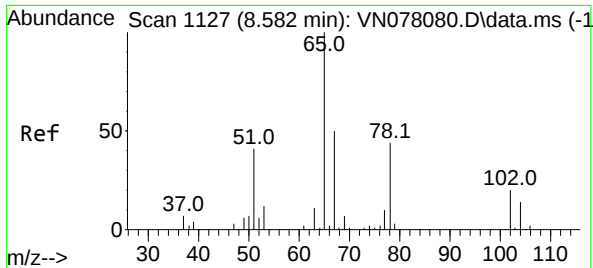


#32
1,1,1-Trichloroethane
Concen: 57.913 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN078315.D
Acq: 21 Jun 2023 11:56



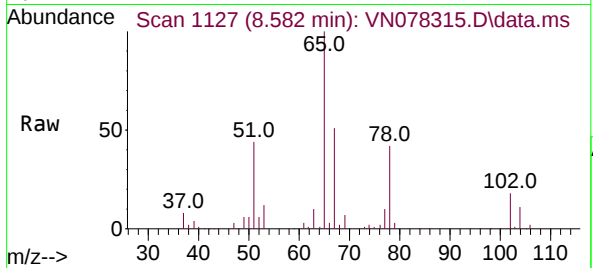
Tgt Ion: 97 Resp: 400755
Ion Ratio Lower Upper
97 100
99 65.9 50.3 75.5
61 46.1 34.7 52.1





#33
1,2-Dichloroethane-d4
Concen: 58.158 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN078315.D
Acq: 21 Jun 2023 11:56

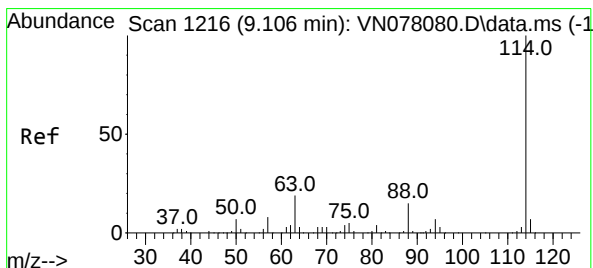
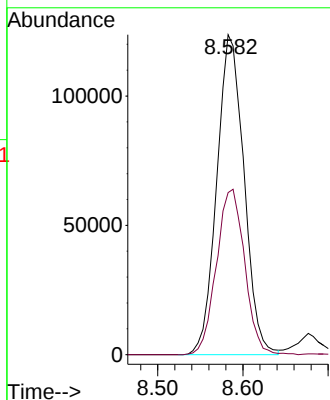
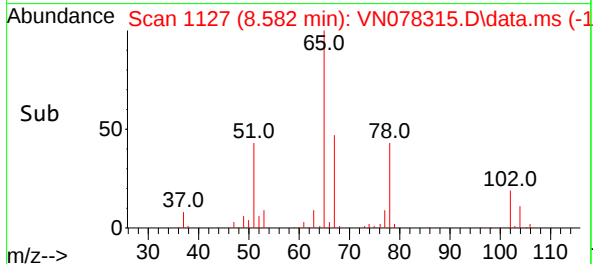
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



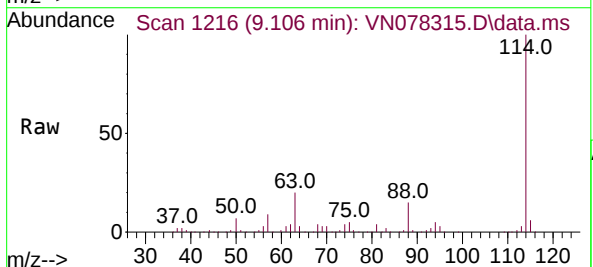
Tgt Ion: 65 Resp: 27440
Ion Ratio Lower Upper
65 100
67 53.6 0.0 106.6

Manual Integrations
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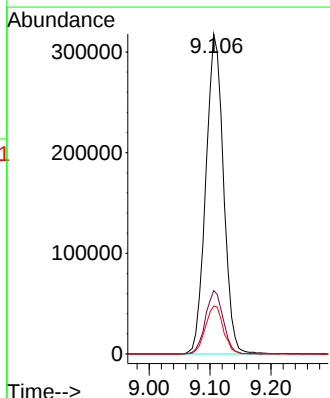
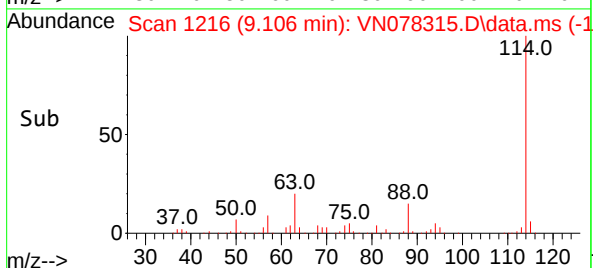
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. 0.000 min
Lab File: VN078315.D
Acq: 21 Jun 2023 11:56



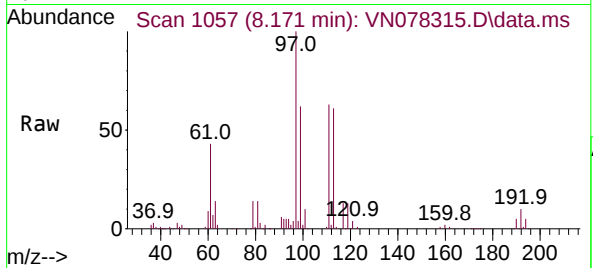
Tgt Ion:114 Resp: 639906
Ion Ratio Lower Upper
114 100
63 19.8 0.0 36.4
88 15.0 0.0 30.6





#35
Dibromofluoromethane
Concen: 57.333 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VN078315.D
Acq: 21 Jun 2023 11:56

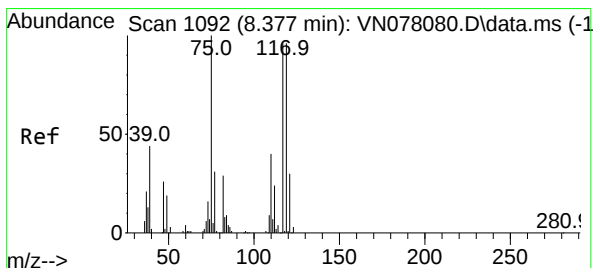
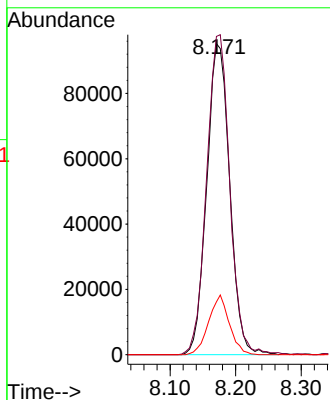
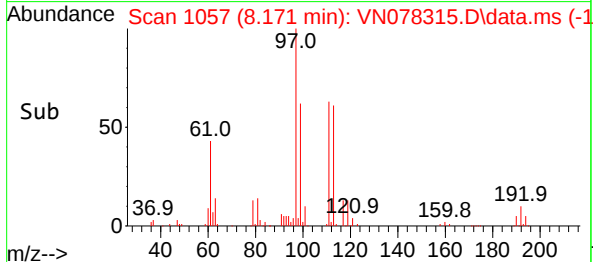
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



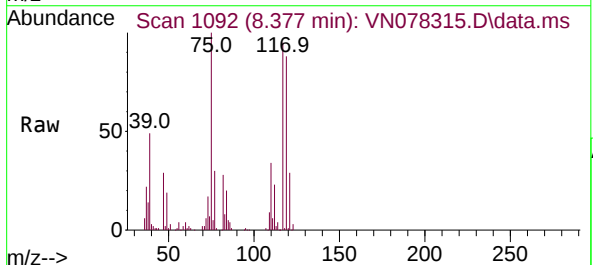
Tgt Ion: 113 Resp: 23197
Ion Ratio Lower Upper
113 100
111 103.6 82.6 123.8
192 17.3 12.7 19.1

Manual Integrations
APPROVED

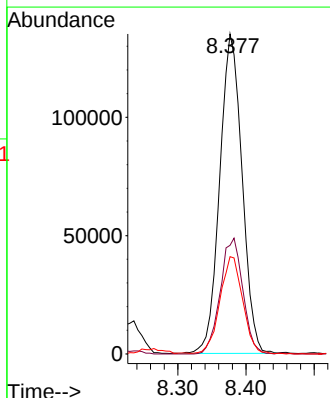
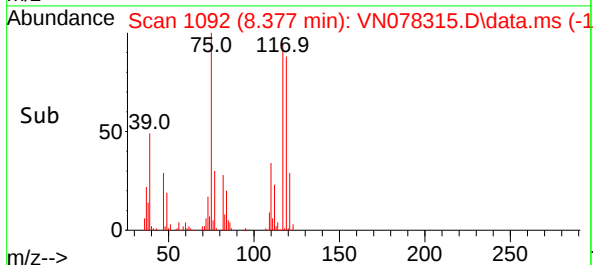
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023

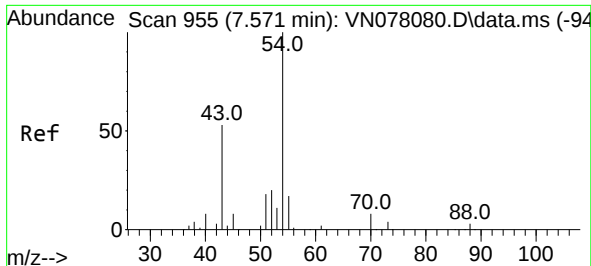


#36
1,1-Dichloropropene
Concen: 53.128 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. 0.000 min
Lab File: VN078315.D
Acq: 21 Jun 2023 11:56



Tgt Ion: 75 Resp: 308332
Ion Ratio Lower Upper
75 100
110 36.5 19.1 57.3
77 31.2 25.0 37.4





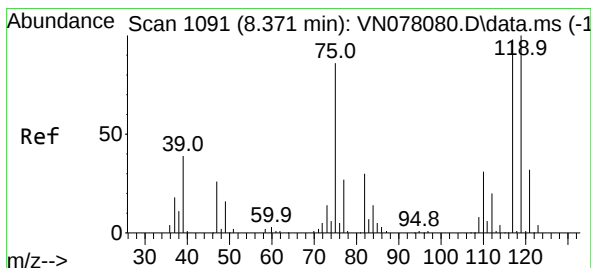
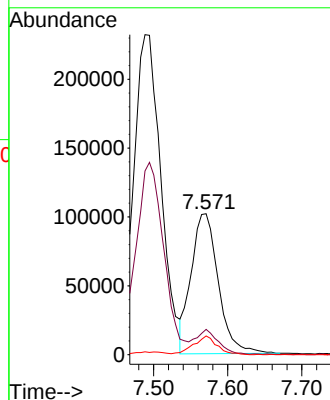
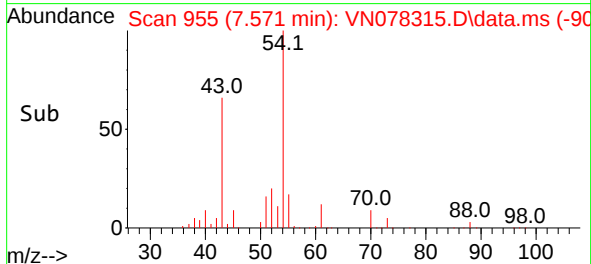
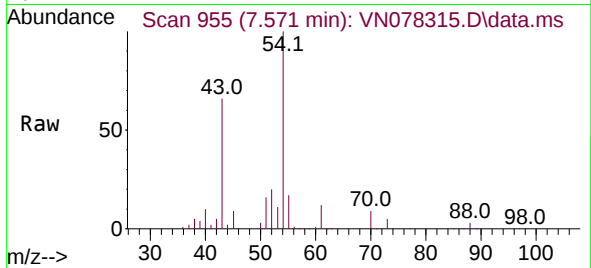
#37
Ethyl Acetate
Concen: 57.253 ug/l
RT: 7.571 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN078315.D
Acq: 21 Jun 2023 11:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 25957
Ion Ratio Lower Upper
43 100
61 14.7 13.2 19.8
70 11.5 11.3 16.9

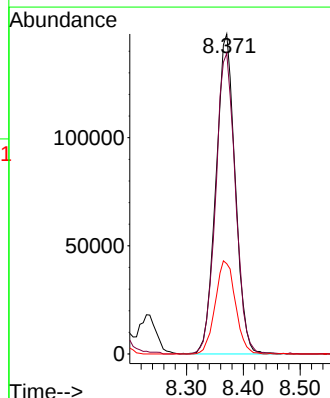
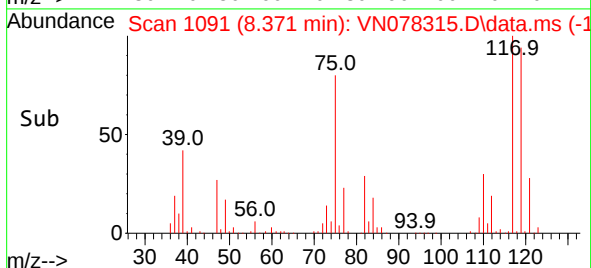
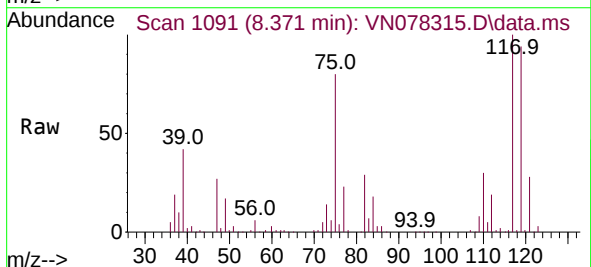
Manual Integrations
APPROVED

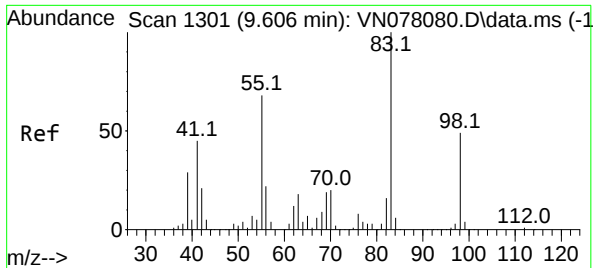
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023



#38
Carbon Tetrachloride
Concen: 56.851 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VN078315.D
Acq: 21 Jun 2023 11:56

Tgt Ion:117 Resp: 348381
Ion Ratio Lower Upper
117 100
119 93.9 77.3 115.9
121 28.2 23.3 34.9





#39

Methylcyclohexane

Concen: 42.863 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN078315.D

Acq: 21 Jun 2023 11:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 257798

Ion Ratio Lower Upper

83 100

55 74.8 49.1 73.7

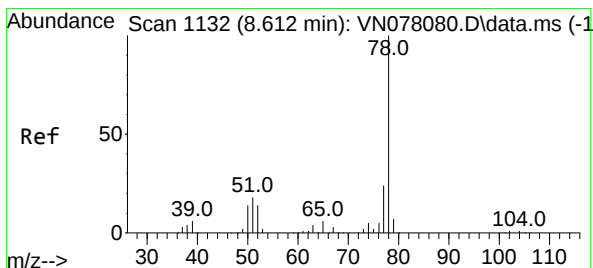
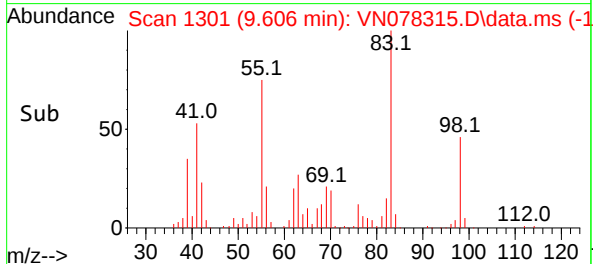
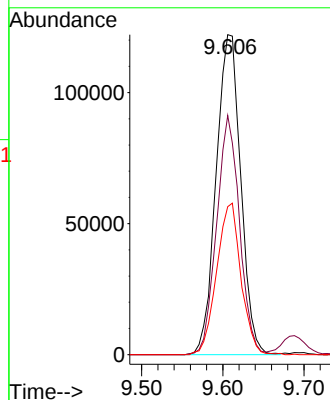
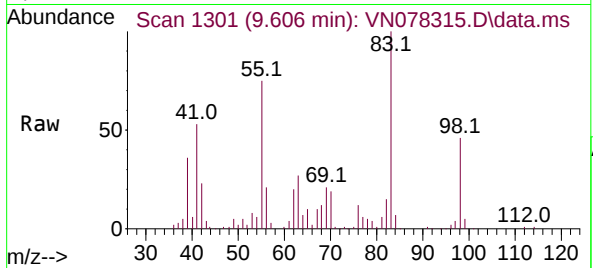
98 46.2 40.6 61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/22/2023

Supervised By :Mahesh Dadoda 06/22/2023



#40

Benzene

Concen: 55.778 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. 0.000 min

Lab File: VN078315.D

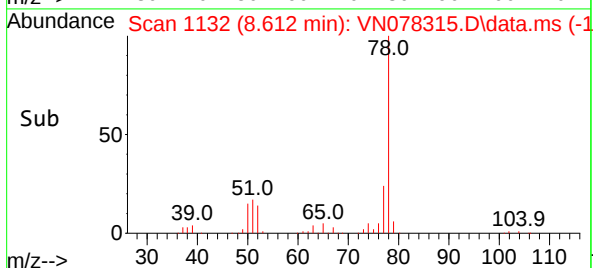
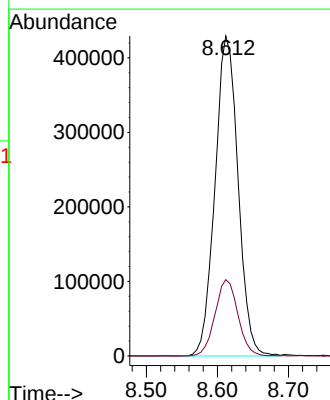
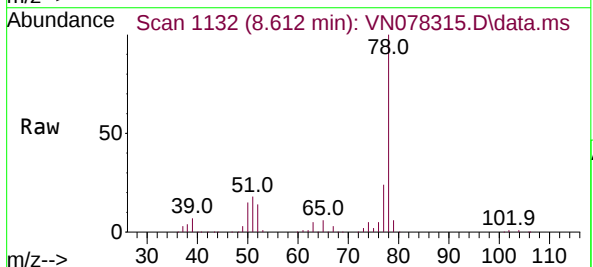
Acq: 21 Jun 2023 11:56

Tgt Ion: 78 Resp: 966410

Ion Ratio Lower Upper

78 100

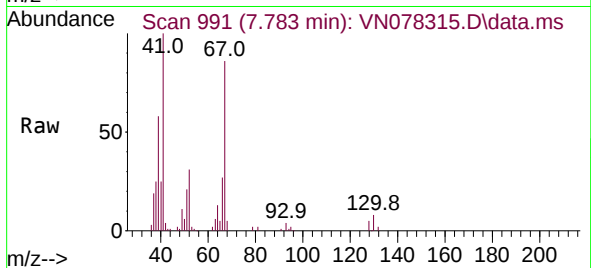
77 23.9 19.0 28.6





#41
Methacrylonitrile
Concen: 57.848 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.000 min
Lab File: VN078315.D
Acq: 21 Jun 2023 11:56

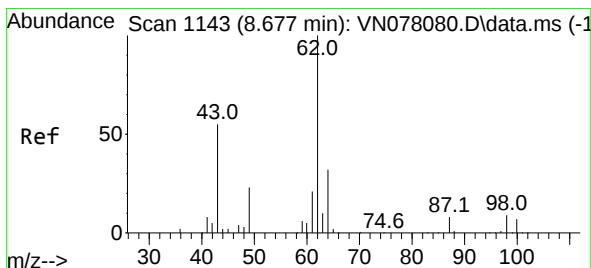
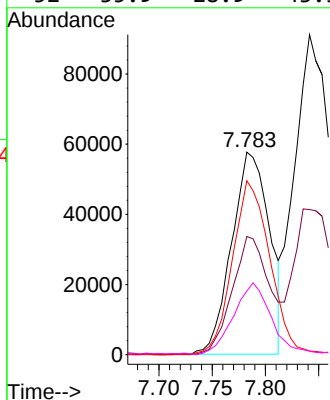
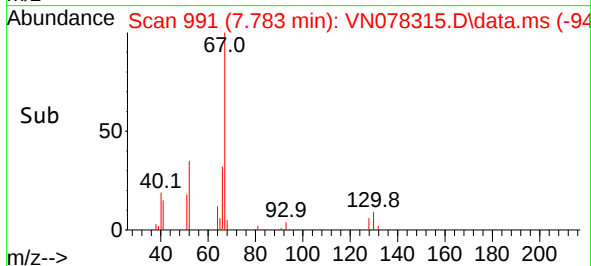
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 142158
Ion Ratio Lower Upper
41 100
39 56.7 42.6 64.0
67 86.1 77.5 116.3
52 35.9 28.9 43.3

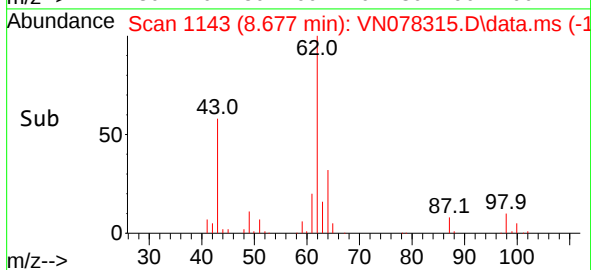
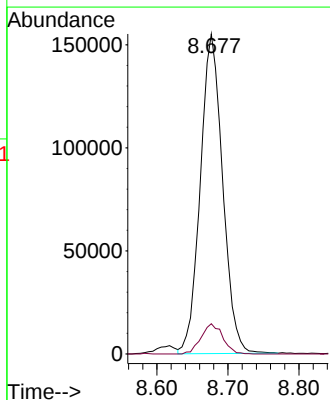
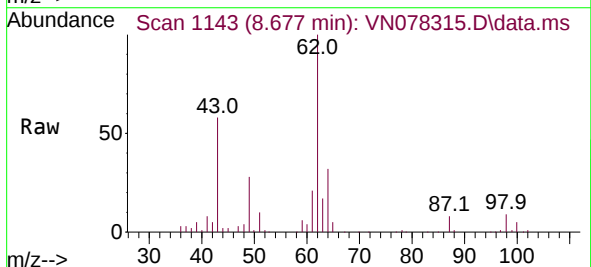
Manual Integrations
APPROVED

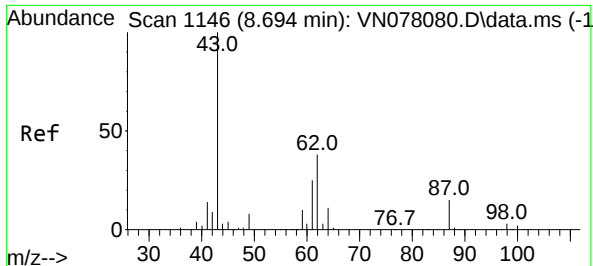
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023



#42
1,2-Dichloroethane
Concen: 57.119 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.000 min
Lab File: VN078315.D
Acq: 21 Jun 2023 11:56

Tgt Ion: 62 Resp: 339323
Ion Ratio Lower Upper
62 100
98 9.2 0.0 19.8





#43

Isopropyl Acetate

Concen: 52.958 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.000 min

Lab File: VN078315.D

Acq: 21 Jun 2023 11:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 459174

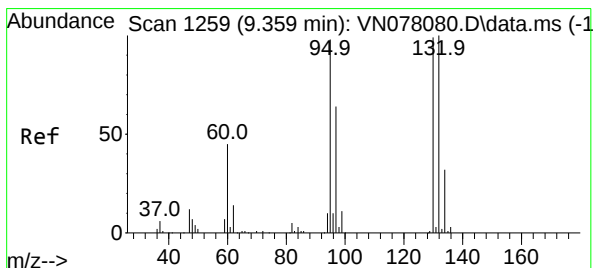
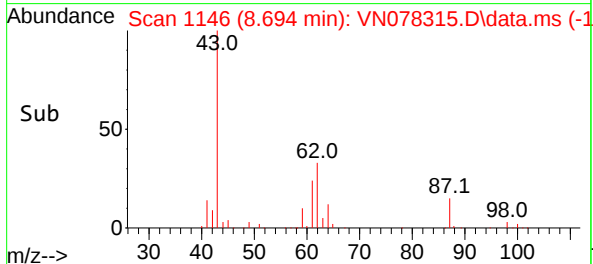
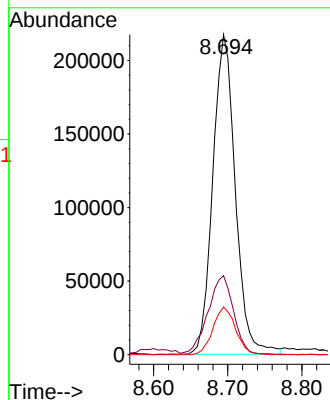
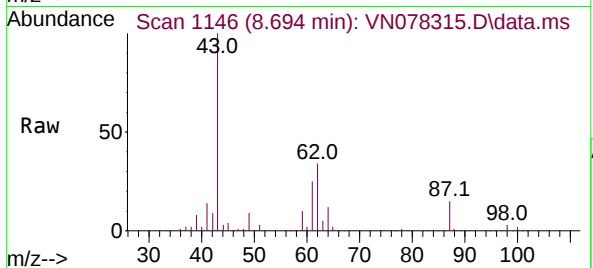
Ion	Ratio	Lower	Upper
43	100		
61	28.3	24.7	37.1
87	14.9	14.6	21.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/22/2023

Supervised By :Mahesh Dadoda 06/22/2023



#44

Trichloroethene

Concen: 52.930 ug/l

RT: 9.359 min Scan# 1259

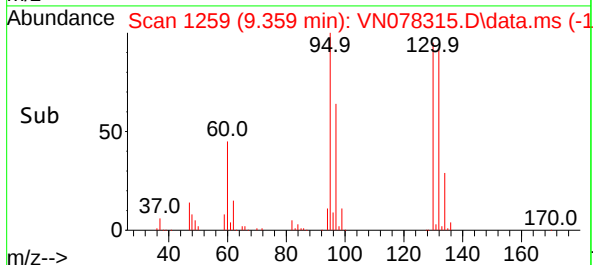
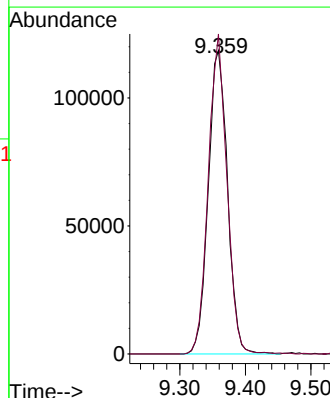
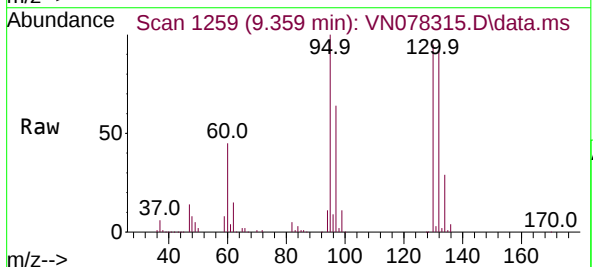
Delta R.T. 0.000 min

Lab File: VN078315.D

Acq: 21 Jun 2023 11:56

Tgt Ion:130 Resp: 242188

Ion	Ratio	Lower	Upper
130	100		
95	105.5	0.0	204.6





#45

1,2-Dichloropropane

Concen: 59.059 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. -0.006 min

Lab File: VN078315.D

Acq: 21 Jun 2023 11:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 25458

Ion Ratio Lower Upper

63 100

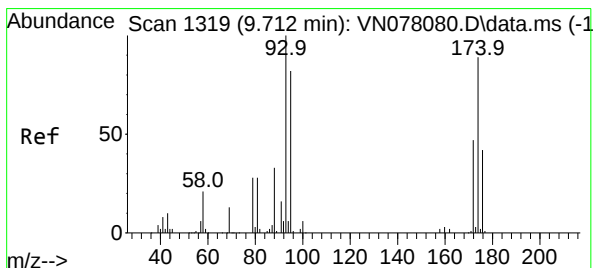
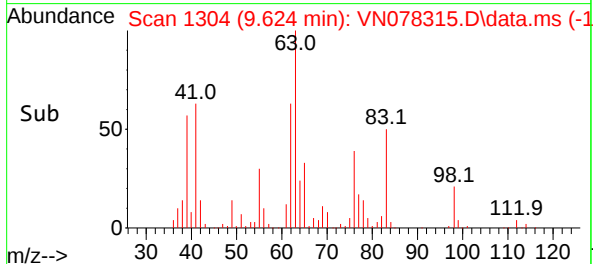
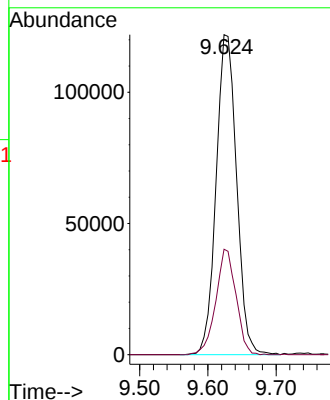
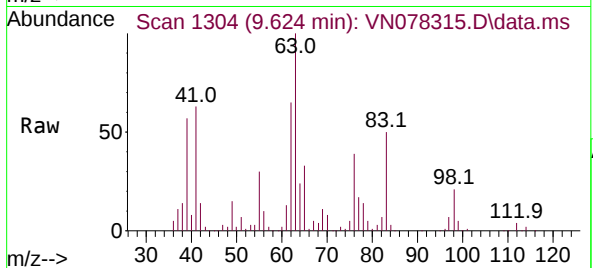
65 32.9 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/22/2023

Supervised By :Mahesh Dadoda 06/22/2023



#46

Dibromomethane

Concen: 55.101 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN078315.D

Acq: 21 Jun 2023 11:56

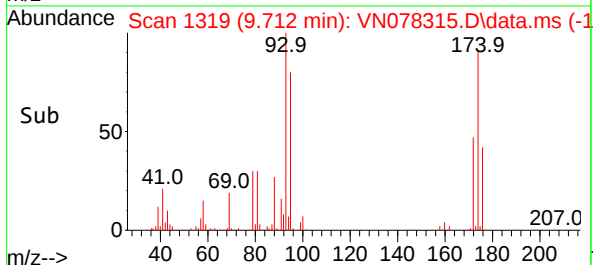
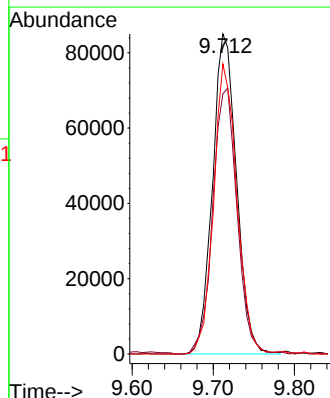
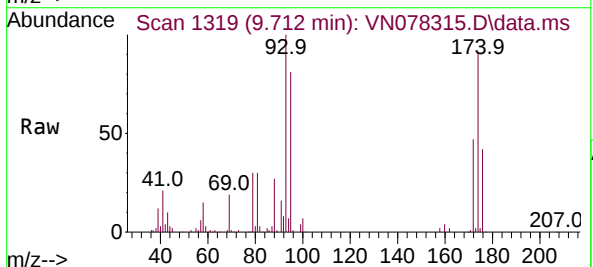
Tgt Ion: 93 Resp: 174956

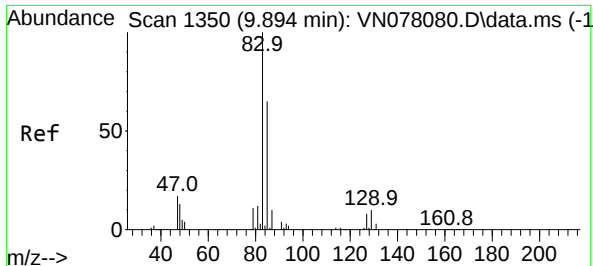
Ion Ratio Lower Upper

93 100

95 84.0 63.8 95.8

174 88.3 65.6 98.4





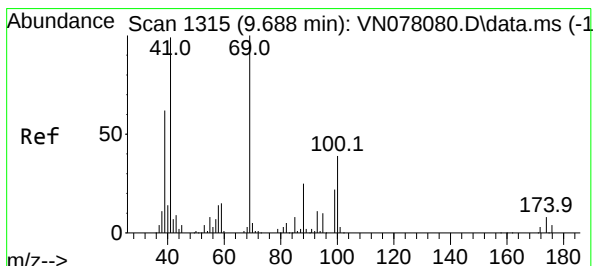
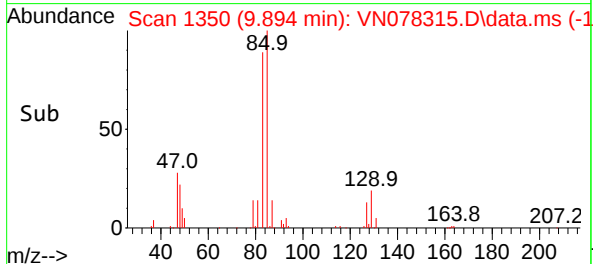
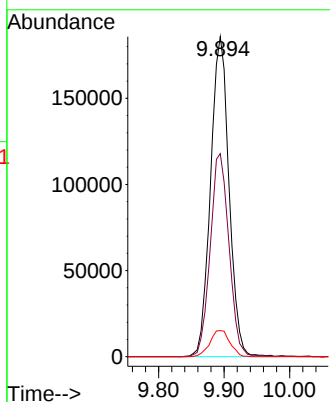
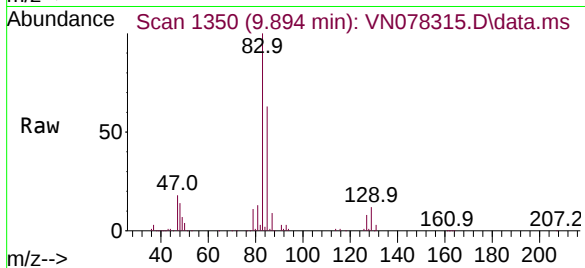
#47
Bromodichloromethane
Concen: 61.621 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN078315.D
Acq: 21 Jun 2023 11:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 36343
Ion Ratio Lower Upper
83 100
85 63.5 49.6 74.4
127 8.1 7.0 10.6

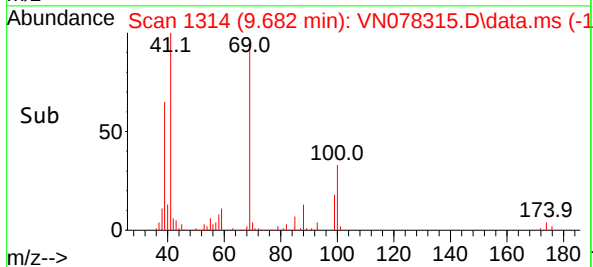
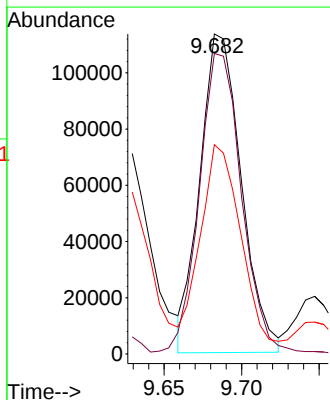
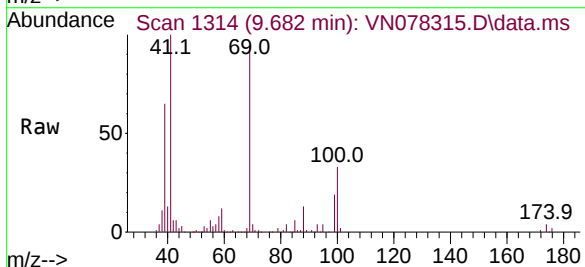
Manual Integrations
APPROVED

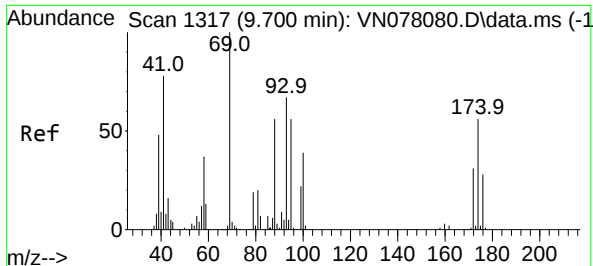
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023



#48
Methyl methacrylate
Concen: 57.724 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.006 min
Lab File: VN078315.D
Acq: 21 Jun 2023 11:56

Tgt Ion: 41 Resp: 210040
Ion Ratio Lower Upper
41 100
69 96.8 90.4 135.6
39 65.7 54.6 81.8





#49

1,4-Dioxane

Concen: 941.476 ug/l

RT: 9.700 min Scan# 1317

Delta R.T. 0.000 min

Lab File: VN078315.D

Acq: 21 Jun 2023 11:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

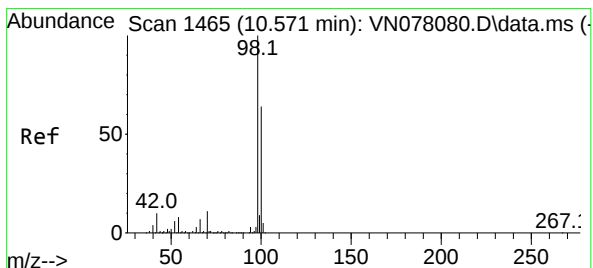
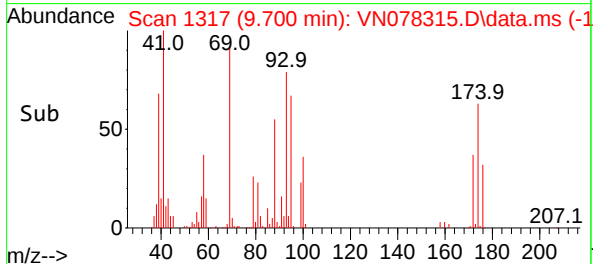
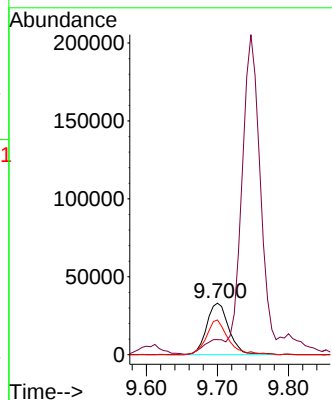
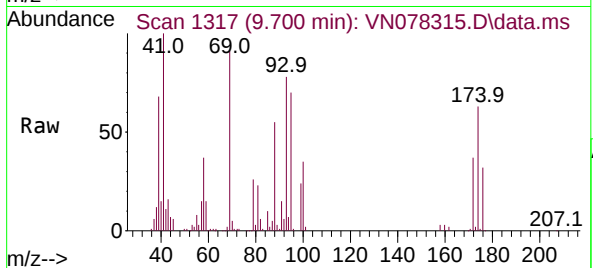
Tgt Ion: 88 Resp: 72000
 Ion Ratio Lower Upper
 88 100
 43 0.0 17.0 25.6
 58 66.2 47.0 70.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/22/2023

Supervised By :Mahesh Dadoda 06/22/2023



#50

Toluene-d8

Concen: 55.373 ug/l

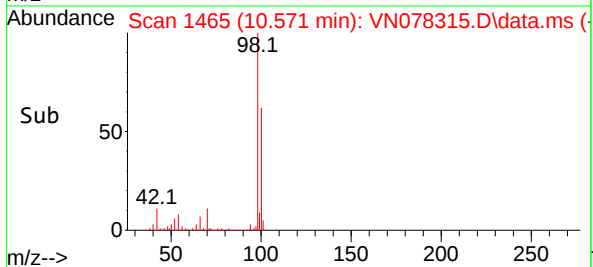
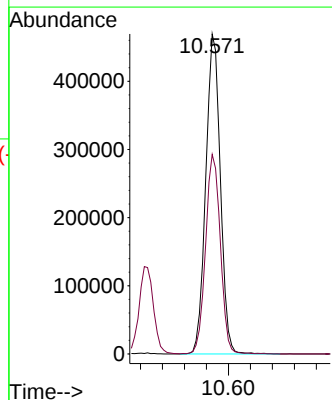
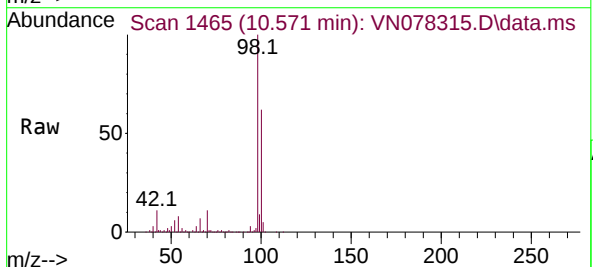
RT: 10.571 min Scan# 1465

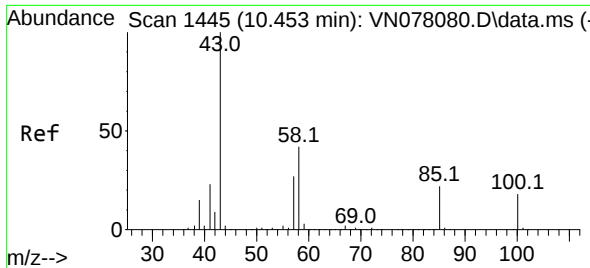
Delta R.T. 0.000 min

Lab File: VN078315.D

Acq: 21 Jun 2023 11:56

Tgt Ion: 98 Resp: 863705
 Ion Ratio Lower Upper
 98 100
 100 63.3 52.0 78.0





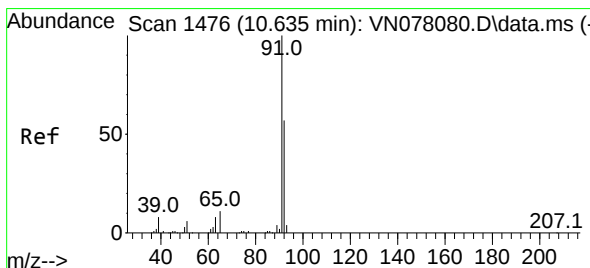
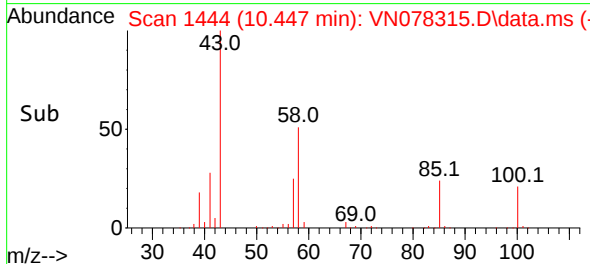
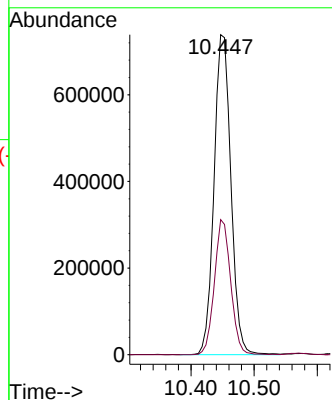
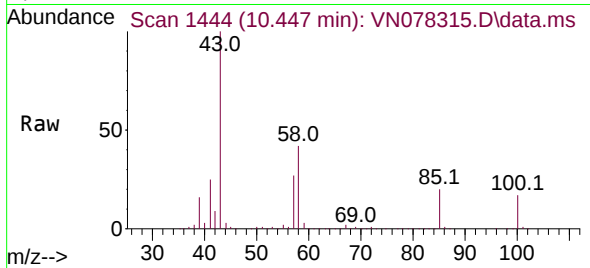
#51
4-Methyl-2-Pentanone
Concen: 300.273 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.006 min
Lab File: VN078315.D
Acq: 21 Jun 2023 11:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 1370999
Ion Ratio Lower Upper
43 100
58 40.8 36.6 54.8

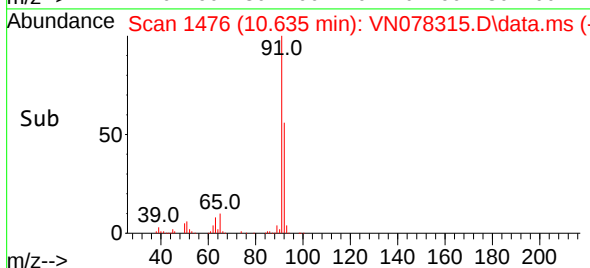
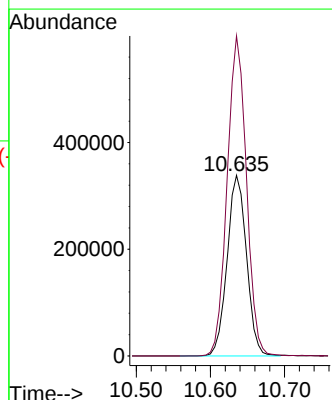
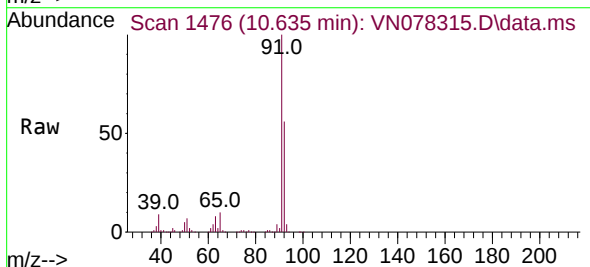
Manual Integrations
APPROVED

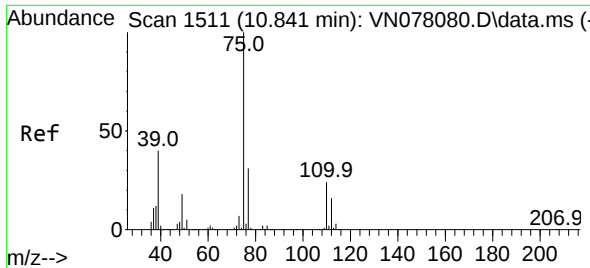
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023



#52
Toluene
Concen: 56.094 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN078315.D
Acq: 21 Jun 2023 11:56

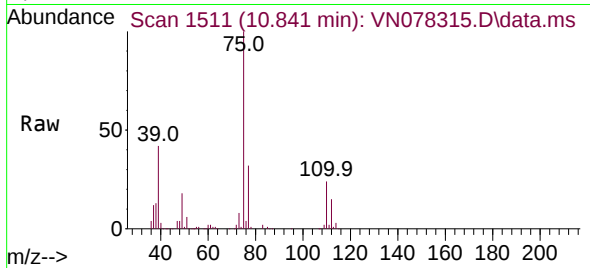
Tgt Ion: 92 Resp: 613622
Ion Ratio Lower Upper
92 100
91 176.5 137.4 206.0





#53
t-1,3-Dichloropropene
Concen: 60.529 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN078315.D
Acq: 21 Jun 2023 11:56

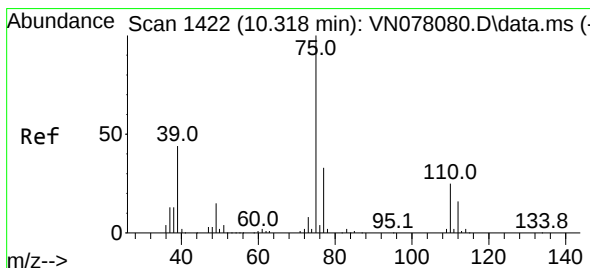
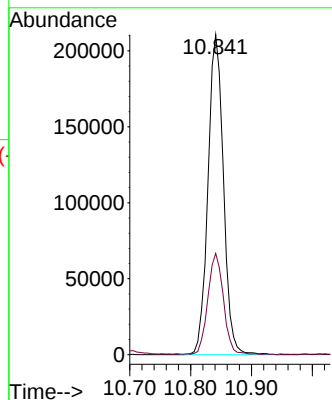
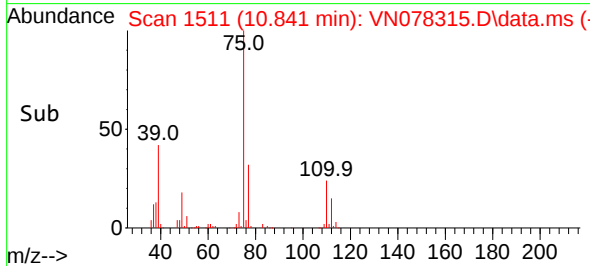
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 371790
Ion Ratio Lower Upper
75 100
77 31.5 25.4 38.0

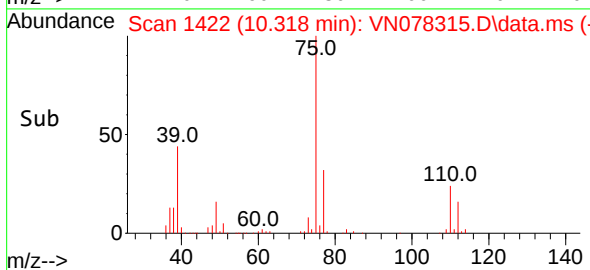
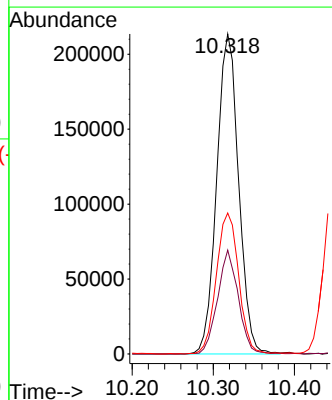
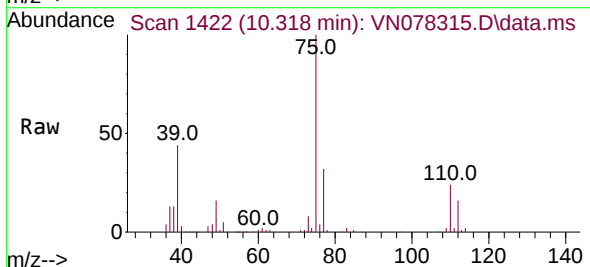
Manual Integrations
APPROVED

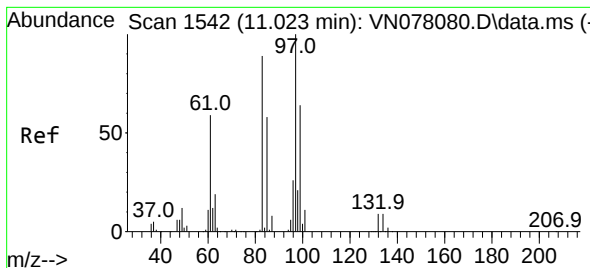
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023



#54
cis-1,3-Dichloropropene
Concen: 59.006 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. 0.000 min
Lab File: VN078315.D
Acq: 21 Jun 2023 11:56

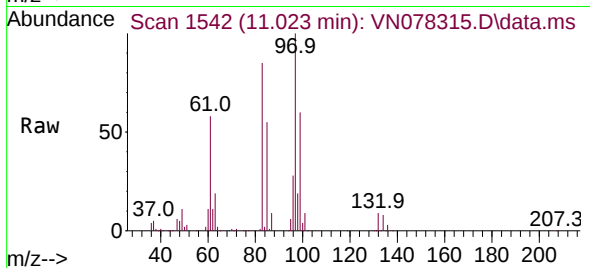
Tgt Ion: 75 Resp: 400646
Ion Ratio Lower Upper
75 100
77 32.4 26.1 39.1
39 43.9 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 60.809 ug/l
RT: 11.023 min Scan# 1542
Delta R.T. 0.000 min
Lab File: VN078315.D
Acq: 21 Jun 2023 11:56

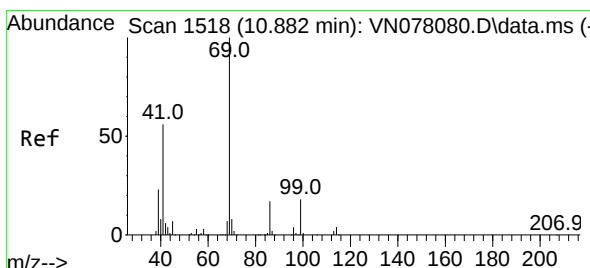
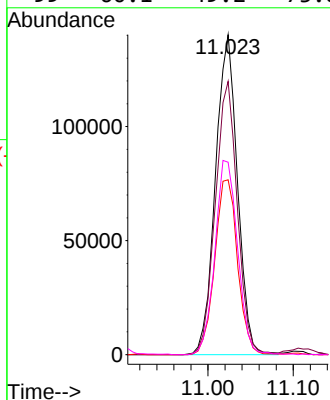
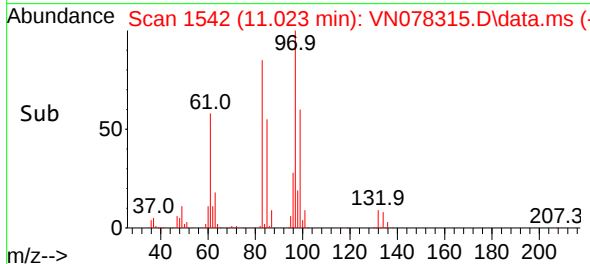
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



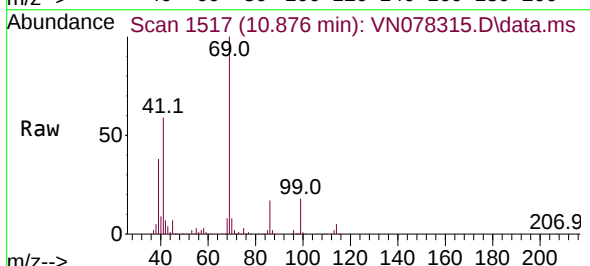
Tgt Ion: 97 Resp: 251638
Ion Ratio Lower Upper
97 100
83 85.4 65.1 97.7
85 54.7 43.4 65.2
99 60.1 49.2 73.8

Manual Integrations
APPROVED

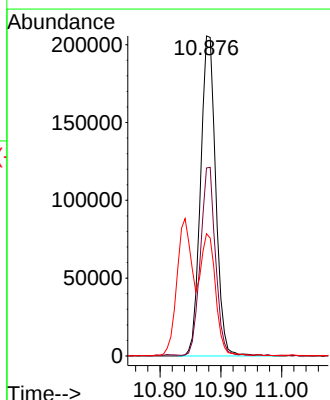
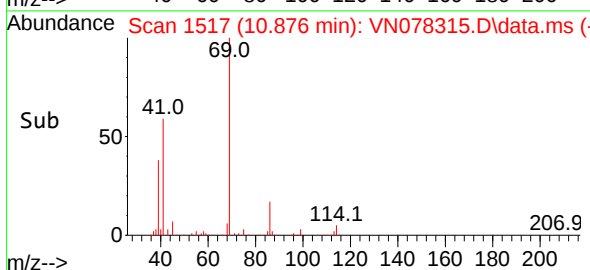
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023



#56
Ethyl methacrylate
Concen: 59.324 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.006 min
Lab File: VN078315.D
Acq: 21 Jun 2023 11:56



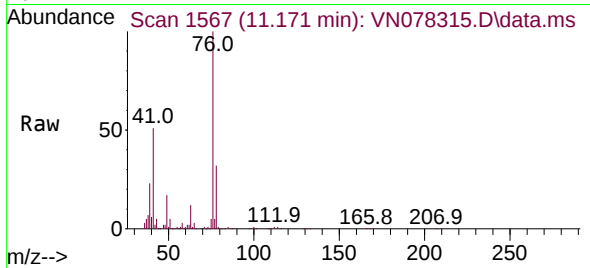
Tgt Ion: 69 Resp: 357460
Ion Ratio Lower Upper
69 100
41 58.0 39.6 59.4
39 37.7 28.6 43.0





#57
1,3-Dichloropropane
Concen: 59.342 ug/l
RT: 11.171 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VN078315.D
Acq: 21 Jun 2023 11:56

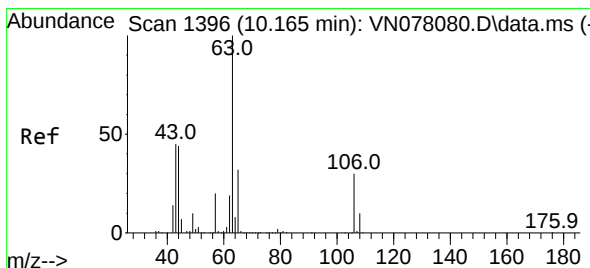
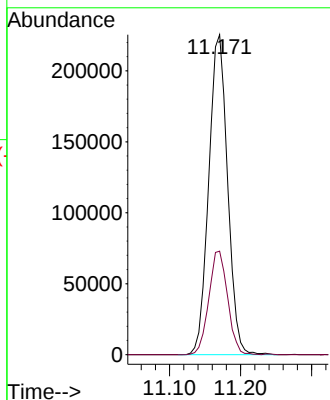
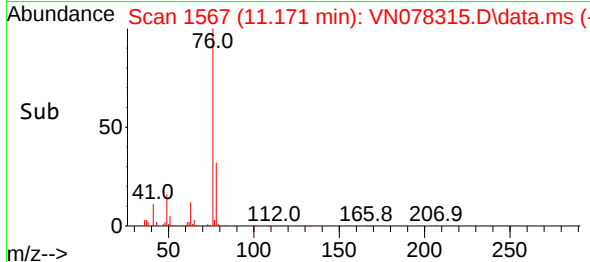
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



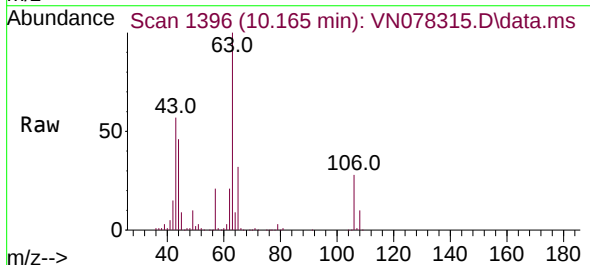
Tgt Ion: 76 Resp: 414514
Ion Ratio Lower Upper
76 100
78 32.3 26.1 39.1

Manual Integrations
APPROVED

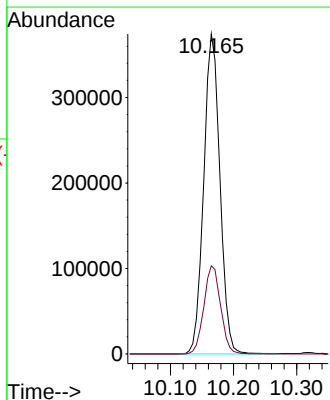
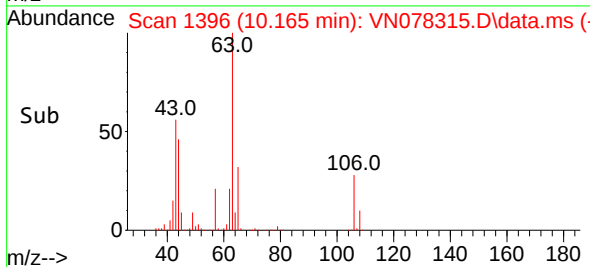
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023

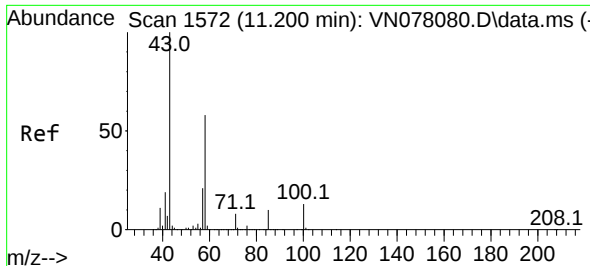


#58
2-Chloroethyl Vinyl ether
Concen: 274.137 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. 0.000 min
Lab File: VN078315.D
Acq: 21 Jun 2023 11:56



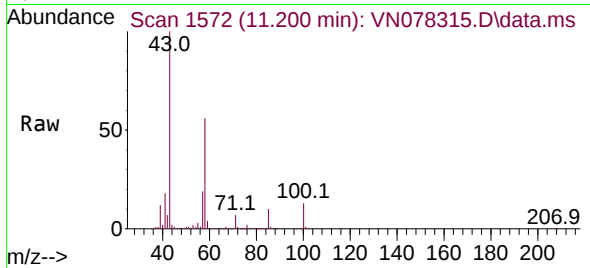
Tgt Ion: 63 Resp: 667286
Ion Ratio Lower Upper
63 100
106 28.3 26.2 39.4





#59
2-Hexanone
Concen: 298.854 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078315.D
Acq: 21 Jun 2023 11:56

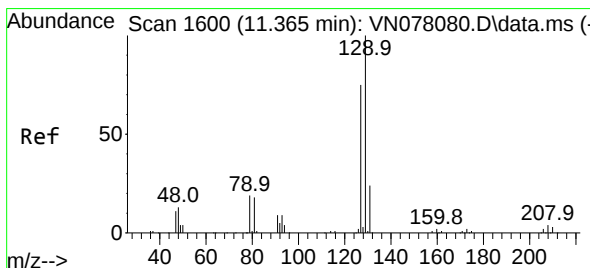
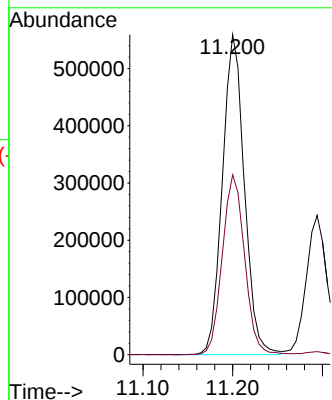
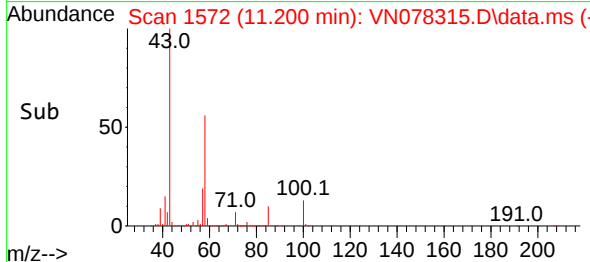
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



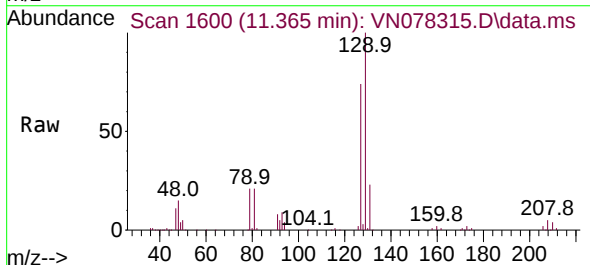
Tgt Ion: 43 Resp: 95010
Ion Ratio Lower Upper
43 100
58 57.1 31.7 95.1

Manual Integrations
APPROVED

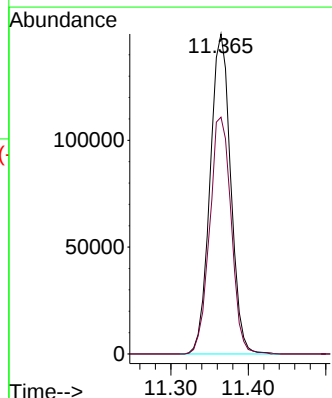
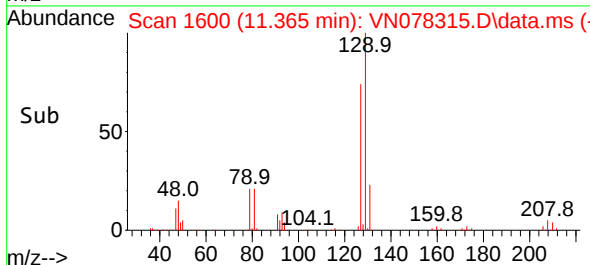
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023

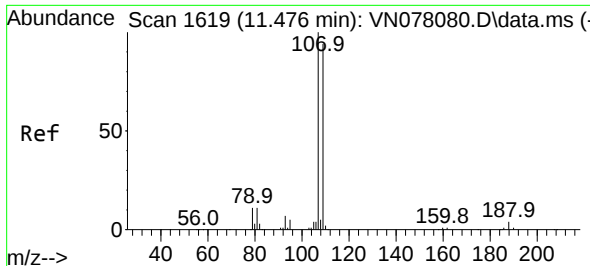


#60
Dibromochloromethane
Concen: 61.167 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VN078315.D
Acq: 21 Jun 2023 11:56



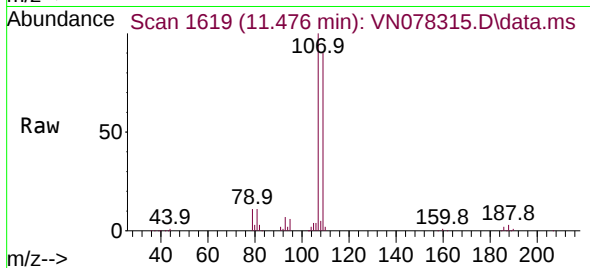
Tgt Ion:129 Resp: 276978
Ion Ratio Lower Upper
129 100
127 77.0 38.6 116.0





#61
1,2-Dibromoethane
Concen: 56.577 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VN078315.D
Acq: 21 Jun 2023 11:56

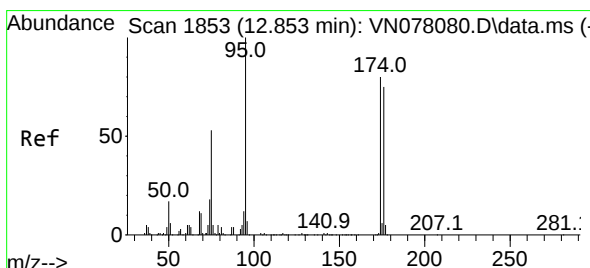
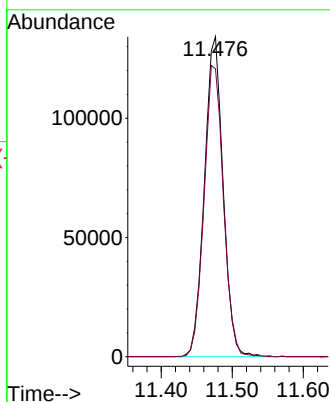
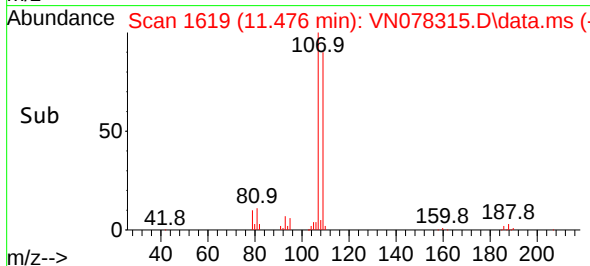
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



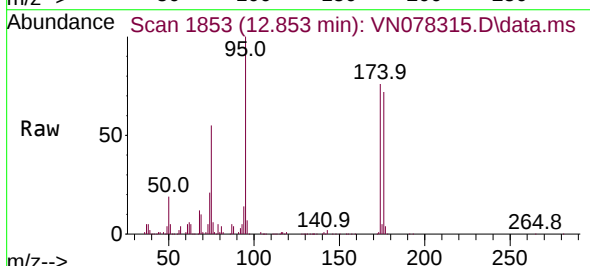
Tgt Ion:107 Resp: 245699
Ion Ratio Lower Upper
107 100
109 94.3 76.6 114.8

Manual Integrations
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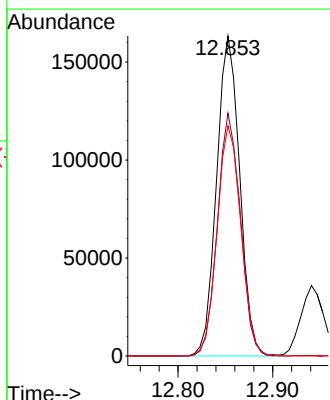
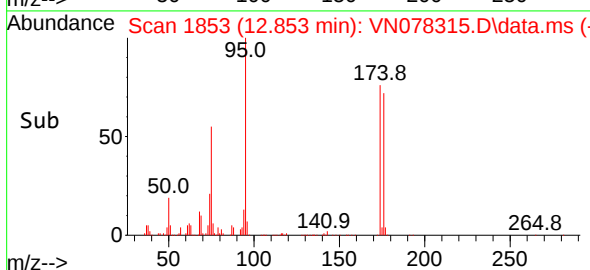
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023

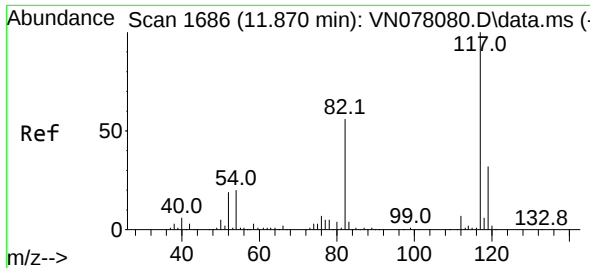


#62
4-Bromofluorobenzene
Concen: 57.118 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN078315.D
Acq: 21 Jun 2023 11:56



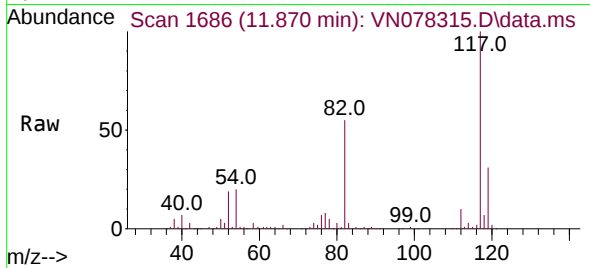
Tgt Ion: 95 Resp: 276967
Ion Ratio Lower Upper
95 100
174 75.5 0.0 143.8
176 73.9 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN078315.D
Acq: 21 Jun 2023 11:56

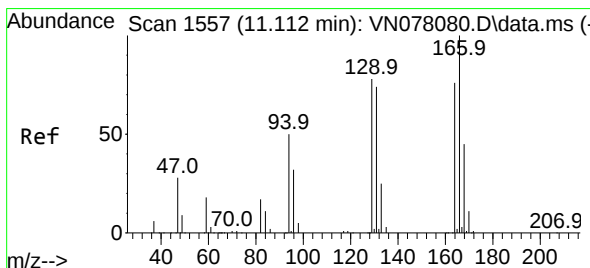
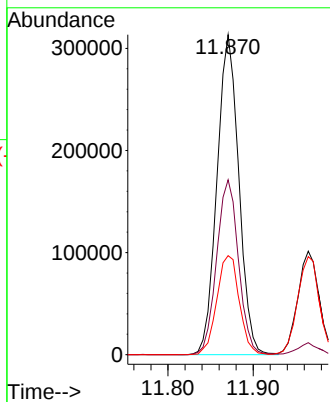
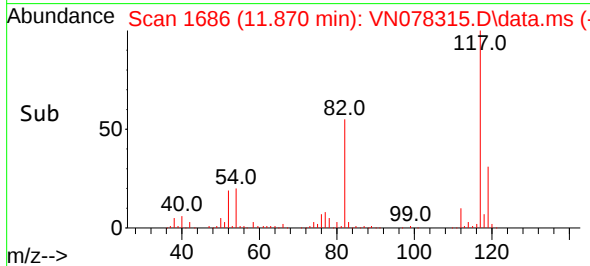
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 557239
Ion Ratio Lower Upper
117 100
82 54.6 44.0 66.0
119 31.0 25.6 38.4

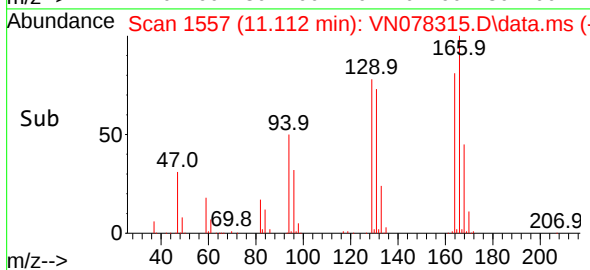
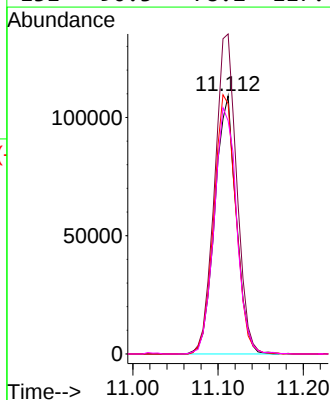
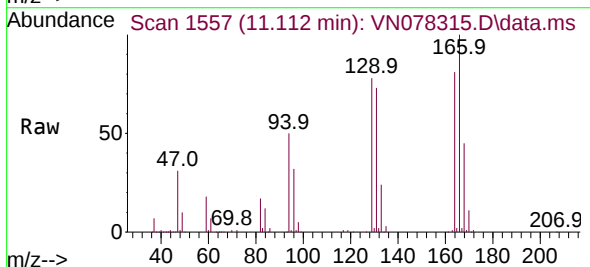
Manual Integrations
APPROVED

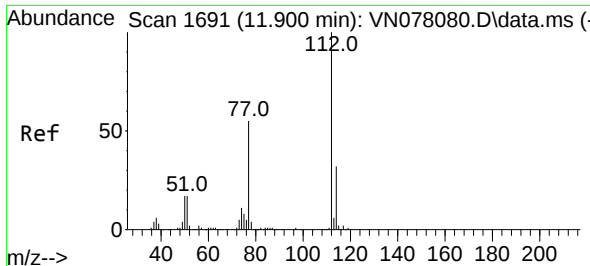
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023



#64
Tetrachloroethene
Concen: 51.276 ug/l
RT: 11.112 min Scan# 1557
Delta R.T. 0.000 min
Lab File: VN078315.D
Acq: 21 Jun 2023 11:56

Tgt Ion:164 Resp: 190620
Ion Ratio Lower Upper
164 100
166 124.0 101.4 152.0
129 96.9 82.4 123.6
131 90.3 78.2 117.4





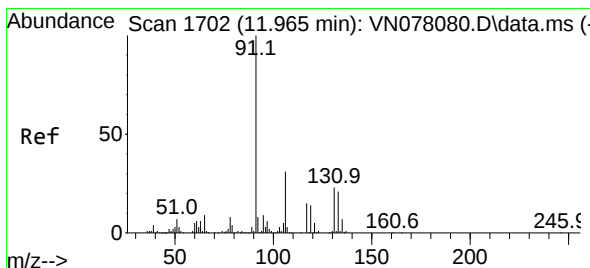
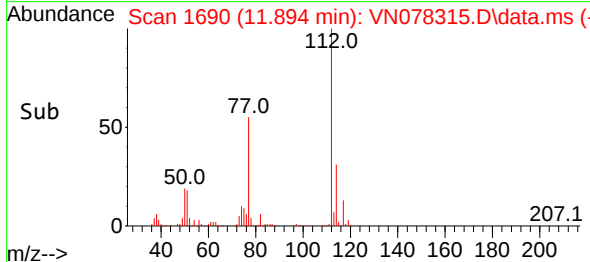
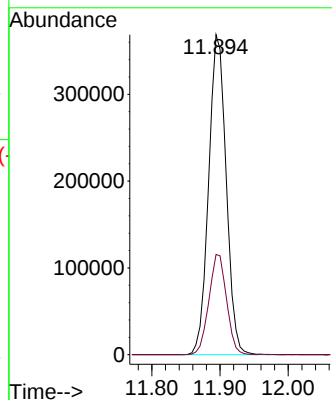
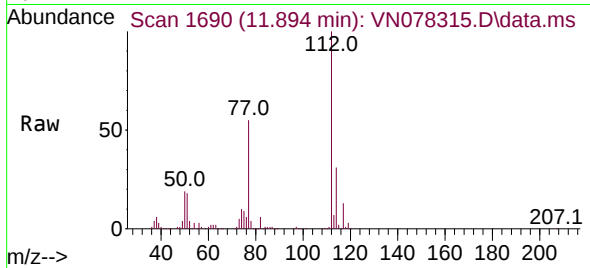
#65
Chlorobenzene
Concen: 55.253 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. -0.006 min
Lab File: VN078315.D
Acq: 21 Jun 2023 11:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 659364
Ion Ratio Lower Upper
112 100
114 31.3 25.0 37.4

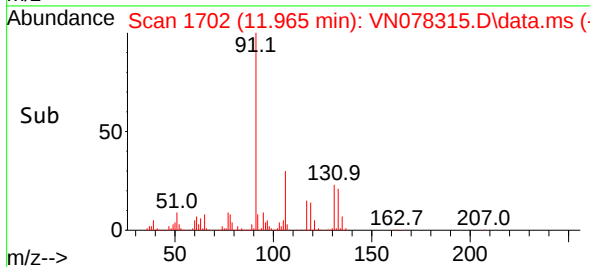
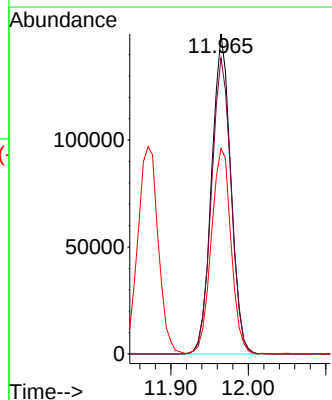
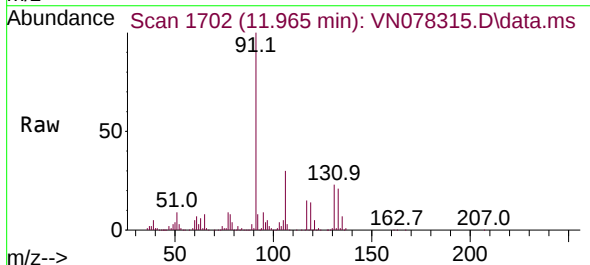
Manual Integrations
APPROVED

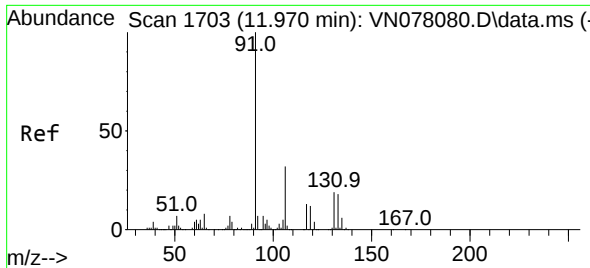
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 58.443 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN078315.D
Acq: 21 Jun 2023 11:56

Tgt Ion:131 Resp: 256514
Ion Ratio Lower Upper
131 100
133 94.9 46.4 139.1
119 66.4 34.1 102.2





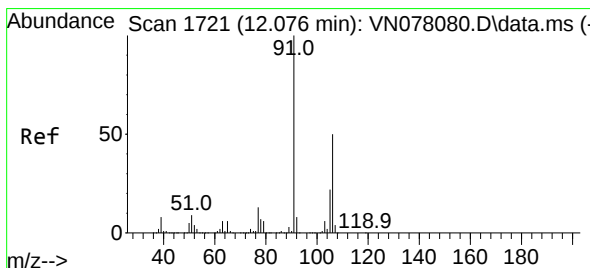
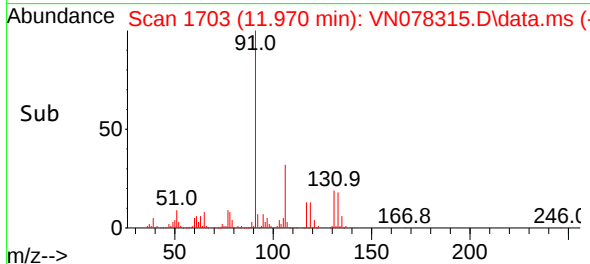
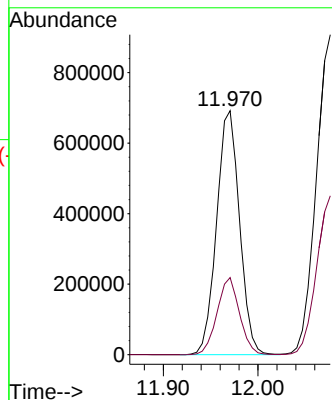
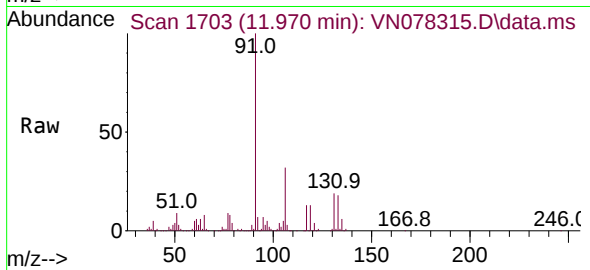
#67
Ethyl Benzene
Concen: 56.562 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VN078315.D
Acq: 21 Jun 2023 11:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 1164679
Ion Ratio Lower Upper
91 100
106 31.6 25.6 38.4

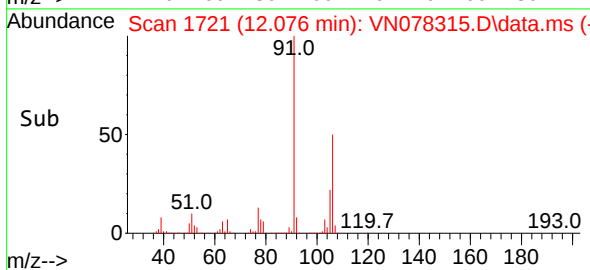
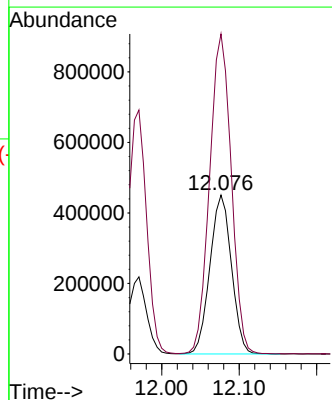
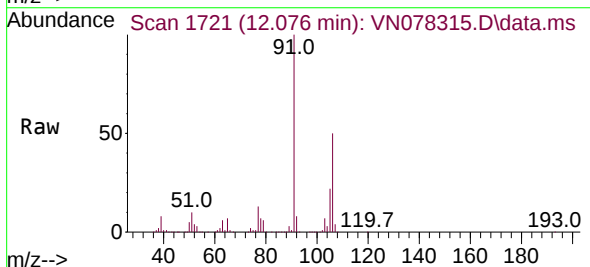
Manual Integrations
APPROVED

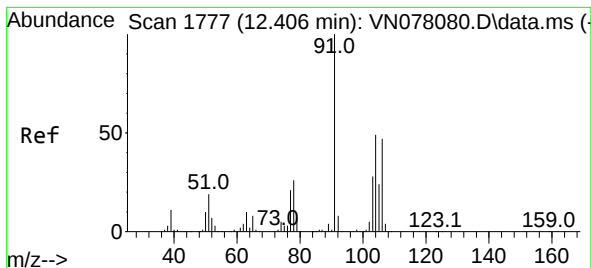
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023



#68
m/p-Xylenes
Concen: 110.762 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN078315.D
Acq: 21 Jun 2023 11:56

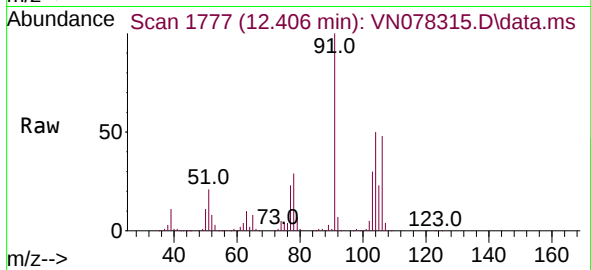
Tgt Ion:106 Resp: 869190
Ion Ratio Lower Upper
106 100
91 202.6 159.6 239.4





#69
o-Xylene
Concen: 55.241 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. 0.000 min
Lab File: VN078315.D
Acq: 21 Jun 2023 11:56

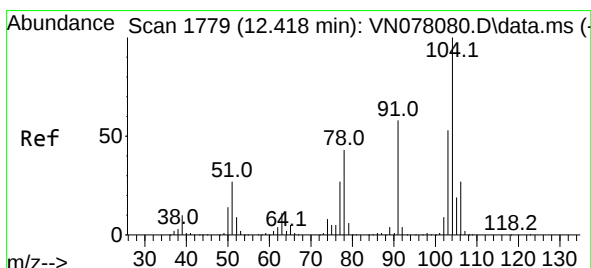
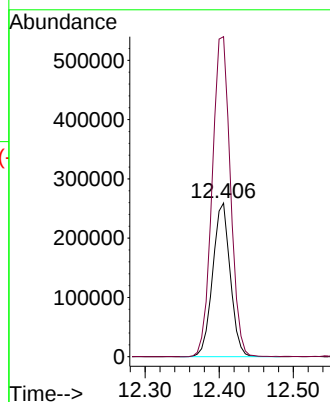
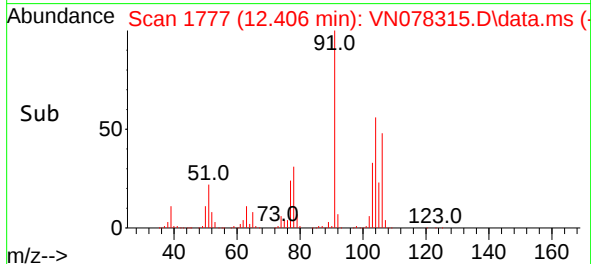
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:106 Resp: 42570
Ion Ratio Lower Upper
106 100
91 216.9 105.2 315.5

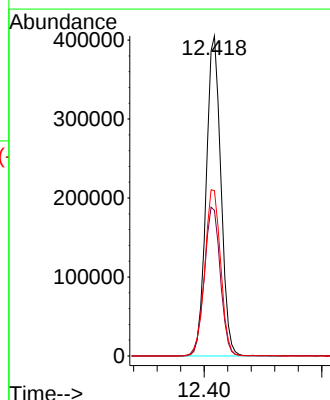
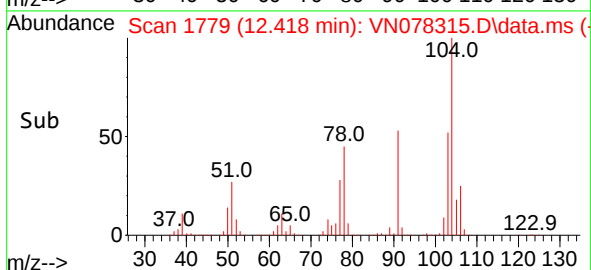
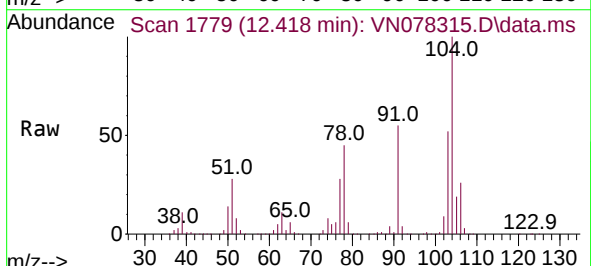
Manual Integrations
APPROVED

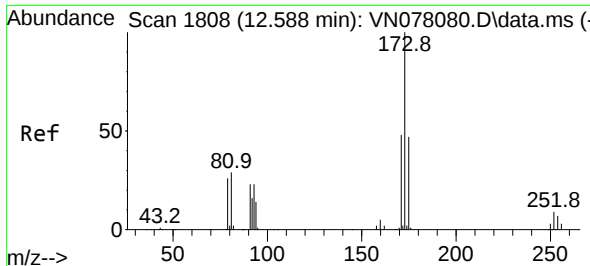
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023



#70
Styrene
Concen: 58.143 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VN078315.D
Acq: 21 Jun 2023 11:56

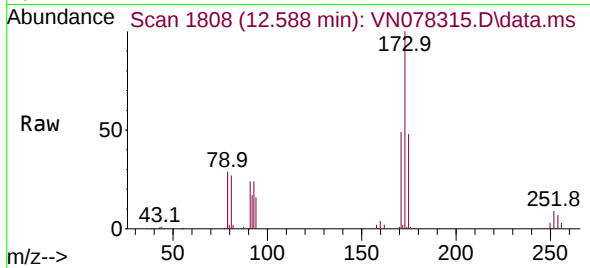
Tgt Ion:104 Resp: 705396
Ion Ratio Lower Upper
104 100
78 50.7 39.5 59.3
103 55.9 43.2 64.8





#71
Bromoform
Concen: 61.595 ug/l
RT: 12.588 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078315.D
Acq: 21 Jun 2023 11:56

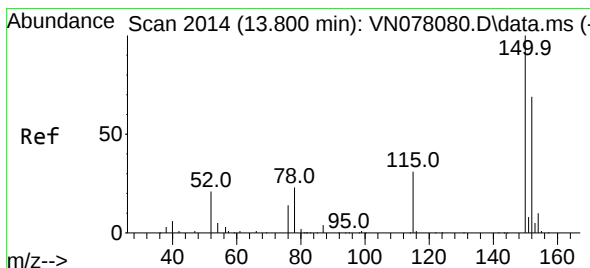
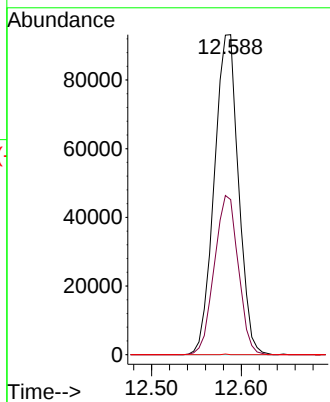
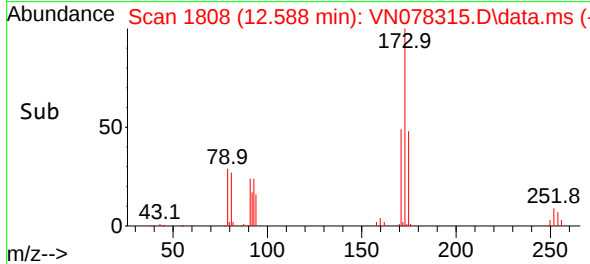
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



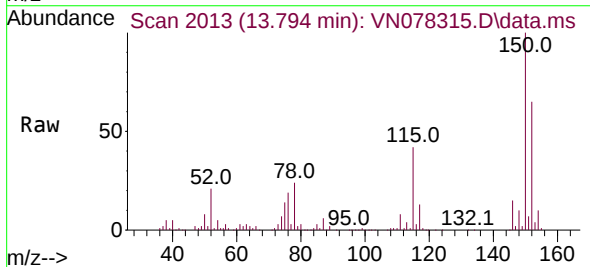
Tgt Ion:173 Resp: 174468
Ion Ratio Lower Upper
173 100
175 49.3 24.3 73.0
254 0.0 0.0 0.0

Manual Integrations
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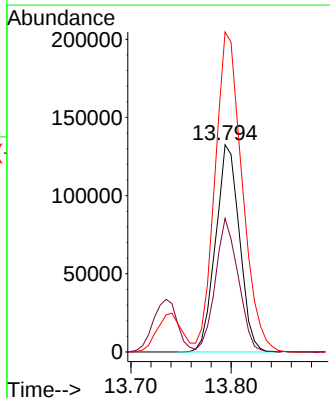
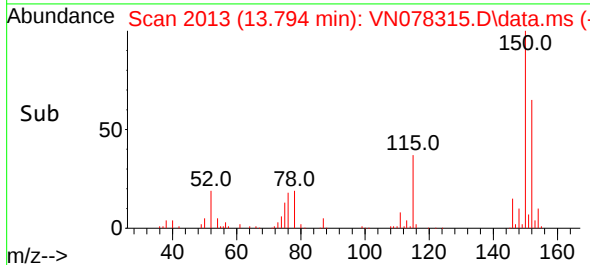
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023

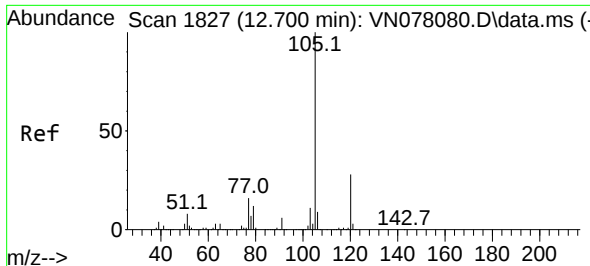


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.006 min
Lab File: VN078315.D
Acq: 21 Jun 2023 11:56



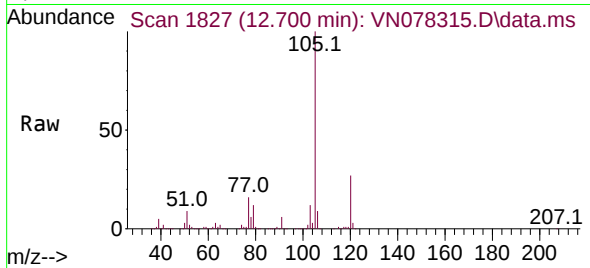
Tgt Ion:152 Resp: 218664
Ion Ratio Lower Upper
152 100
115 62.2 32.3 96.8
150 175.7 0.0 355.8





#73
Isopropylbenzene
Concen: 50.477 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. 0.000 min
Lab File: VN078315.D
Acq: 21 Jun 2023 11:56

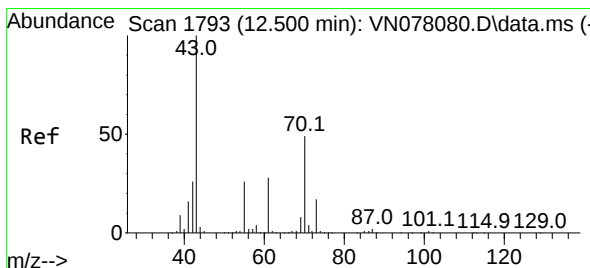
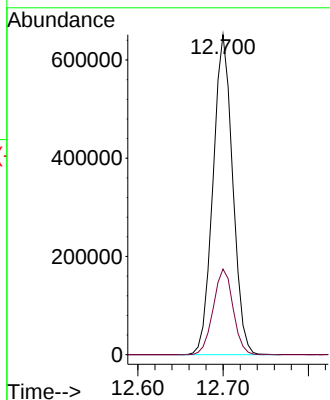
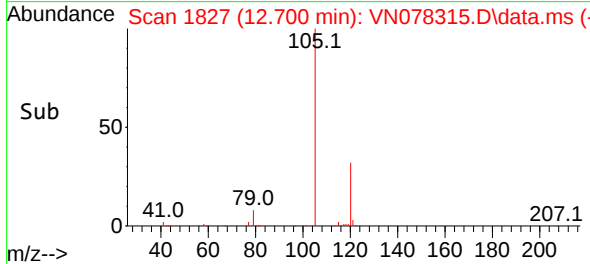
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:105 Resp: 1043740
Ion Ratio Lower Upper
105 100
120 27.0 13.1 39.1

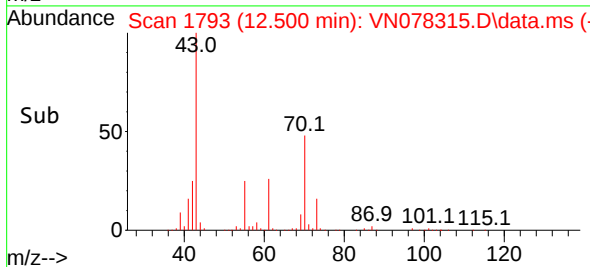
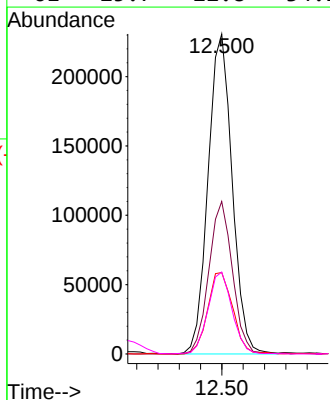
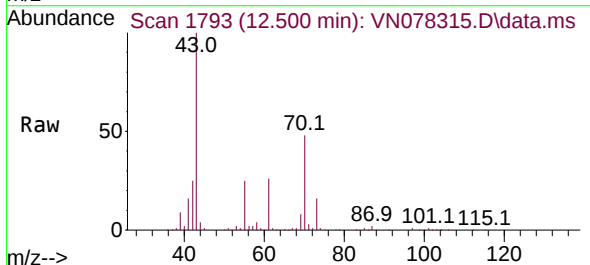
Manual Integrations
APPROVED

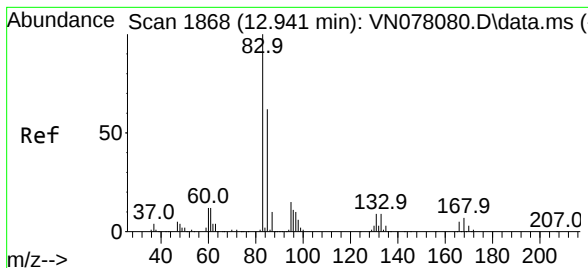
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023



#74
N-ethyl acetate
Concen: 53.297 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VN078315.D
Acq: 21 Jun 2023 11:56

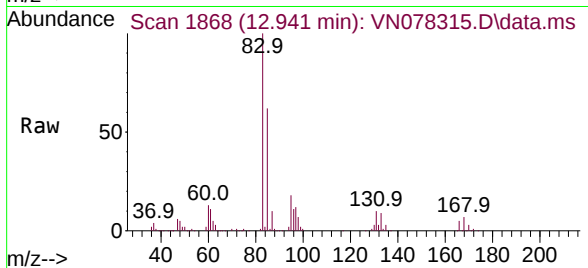
Tgt Ion: 43 Resp: 362913
Ion Ratio Lower Upper
43 100
70 46.6 43.4 65.2
55 26.6 21.4 32.0
61 25.7 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 62.492 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN078315.D
Acq: 21 Jun 2023 11:56

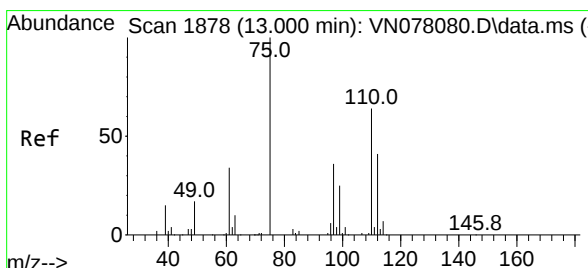
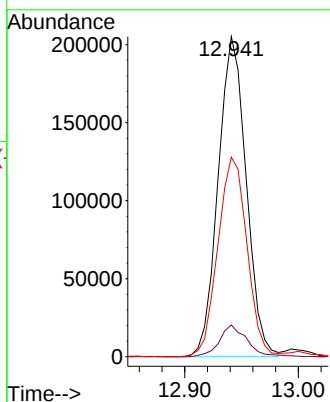
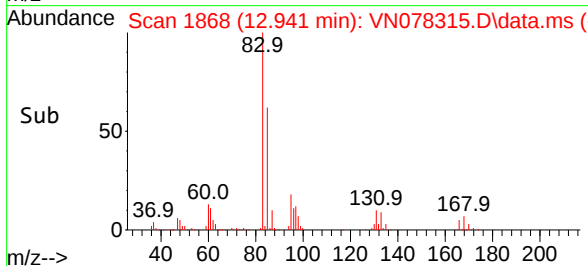
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



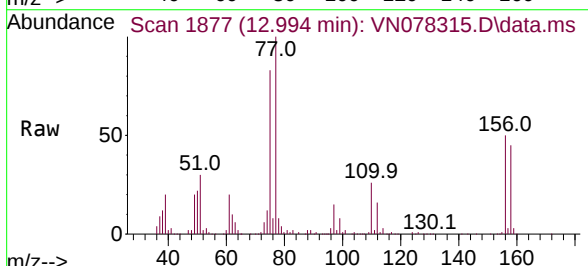
Tgt Ion: 83 Resp: 35192
Ion Ratio Lower Upper
83 100
131 9.7 5.0 15.0
85 64.7 31.9 95.7

Manual Integrations
APPROVED

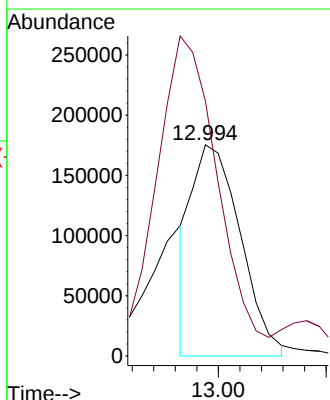
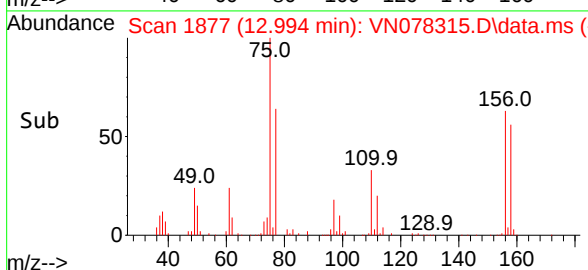
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023

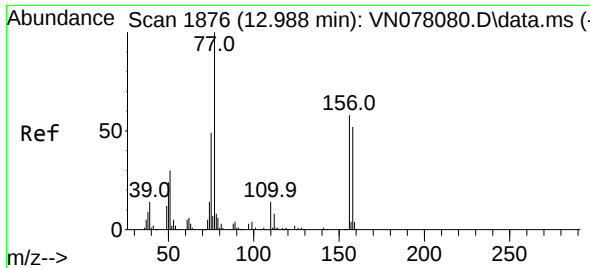


#76
1,2,3-Trichloropropane
Concen: 53.370 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.006 min
Lab File: VN078315.D
Acq: 21 Jun 2023 11:56



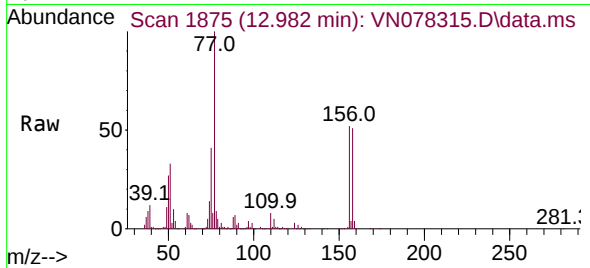
Tgt Ion: 75 Resp: 275885
Ion Ratio Lower Upper
75 100
77 192.7 84.5 253.5





#77
Bromobenzene
Concen: 52.125 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.006 min
Lab File: VN078315.D
Acq: 21 Jun 2023 11:56

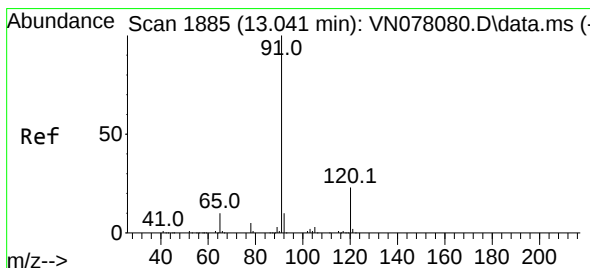
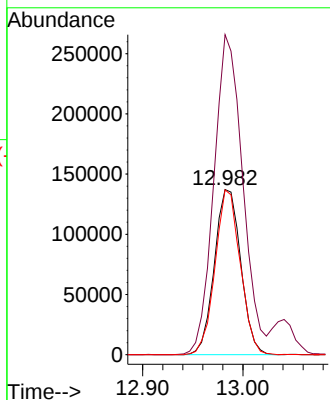
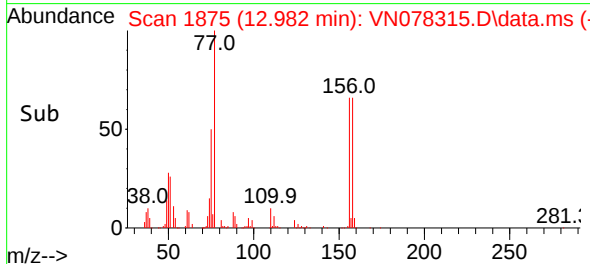
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



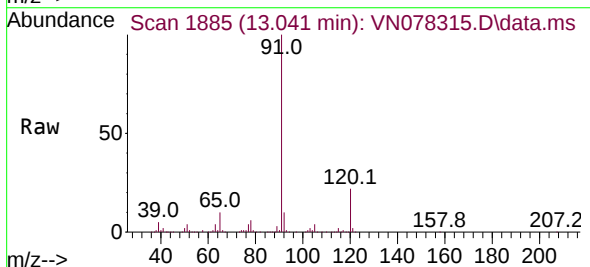
Tgt Ion:156 Resp: 250200
Ion Ratio Lower Upper
156 100
77 212.5 107.7 323.3
158 95.5 48.4 145.3

Manual Integrations
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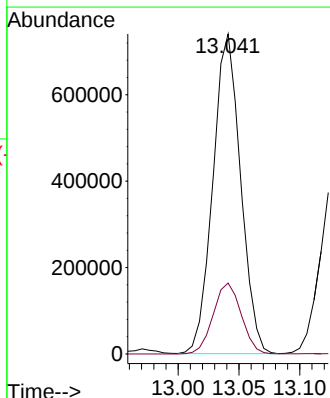
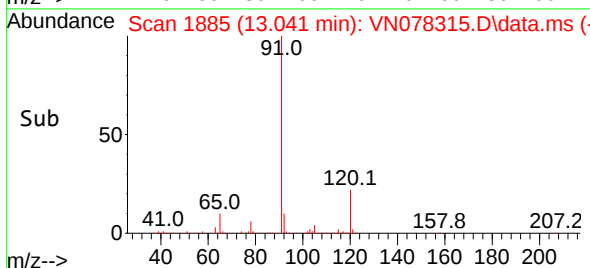
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023

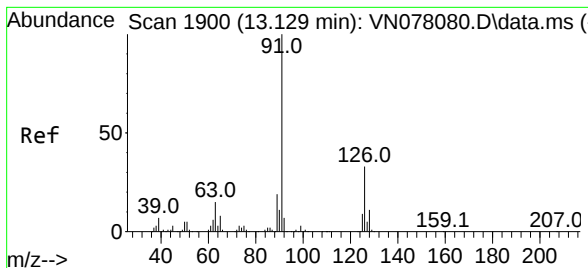


#78
n-propylbenzene
Concen: 52.120 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN078315.D
Acq: 21 Jun 2023 11:56



Tgt Ion: 91 Resp: 1170900
Ion Ratio Lower Upper
91 100
120 22.4 11.5 34.4





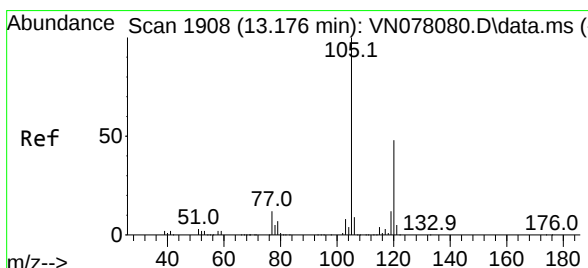
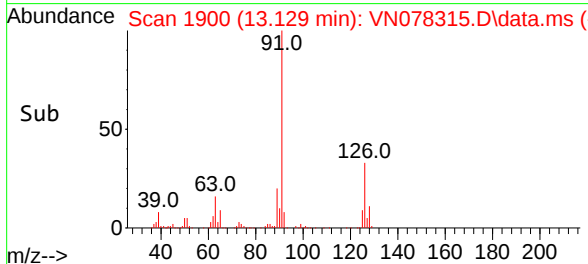
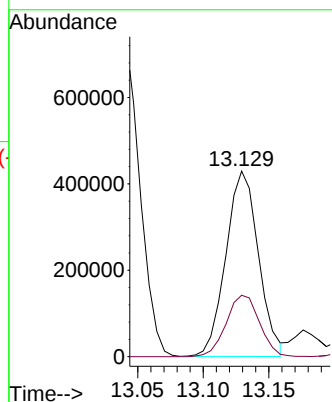
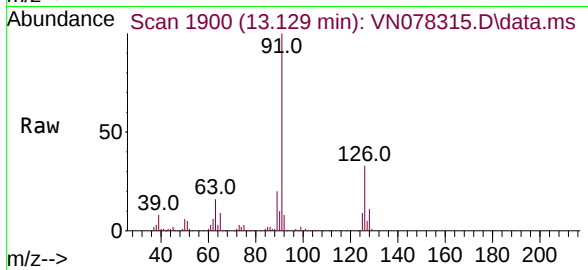
#79
2-Chlorotoluene
Concen: 51.169 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN078315.D
Acq: 21 Jun 2023 11:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 74203
Ion Ratio Lower Upper
91 100
126 34.0 16.3 48.8

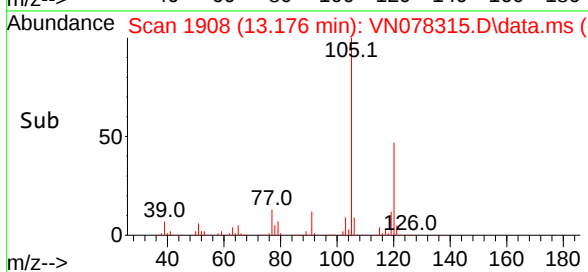
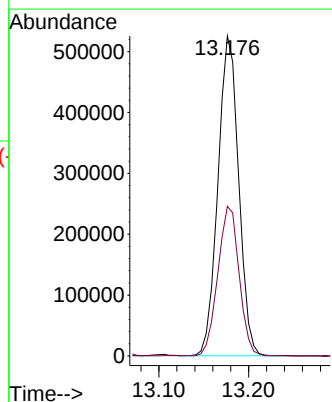
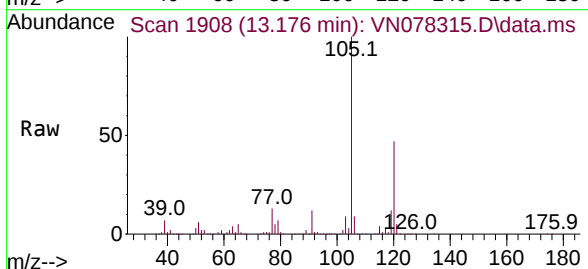
Manual Integrations
APPROVED

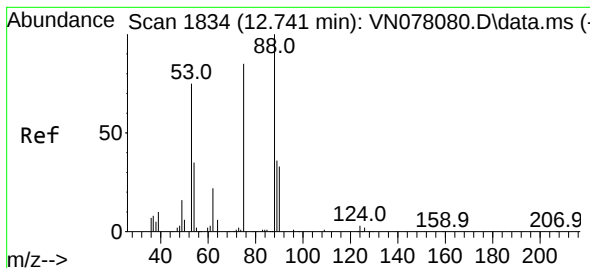
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023



#80
1,3,5-Trimethylbenzene
Concen: 50.277 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN078315.D
Acq: 21 Jun 2023 11:56

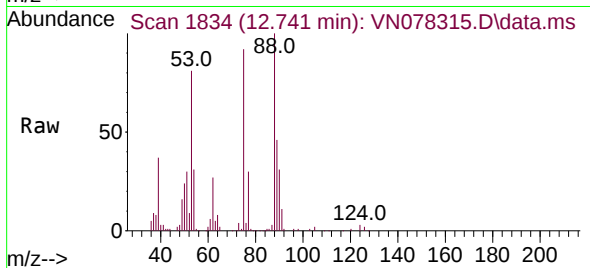
Tgt Ion:105 Resp: 841683
Ion Ratio Lower Upper
105 100
120 47.8 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 60.040 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN078315.D
Acq: 21 Jun 2023 11:56

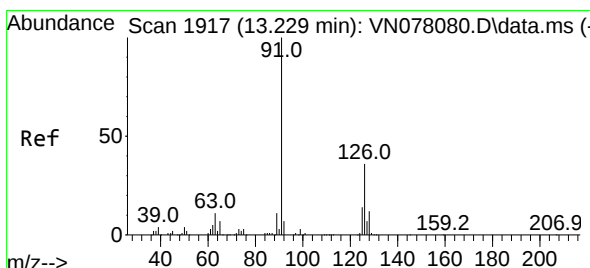
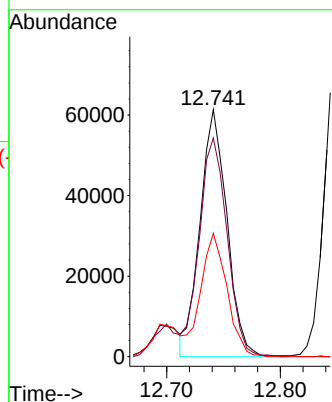
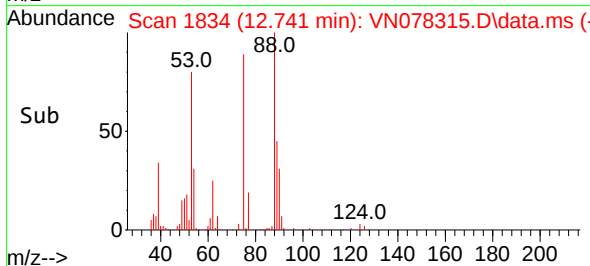
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



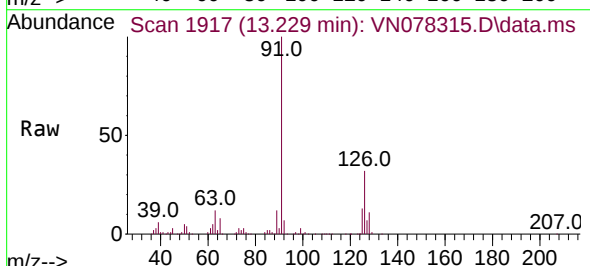
Tgt Ion: 75 Resp: 101020
Ion Ratio Lower Upper
75 100
53 92.2 67.4 101.2
89 49.5 38.8 58.2

Manual Integrations
APPROVED

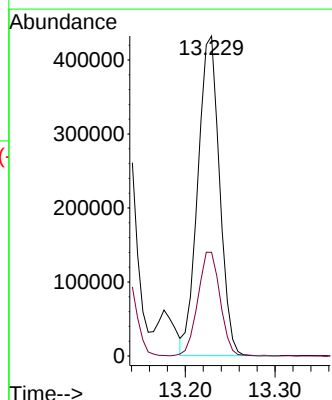
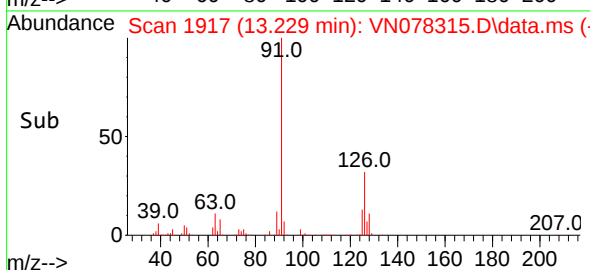
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023

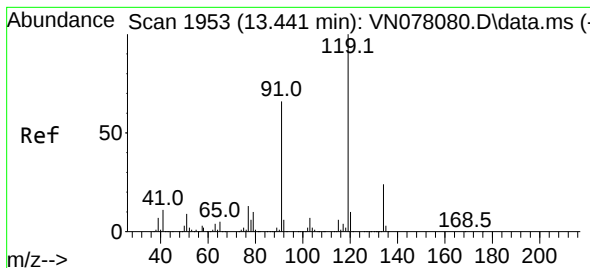


#82
4-Chlorotoluene
Concen: 53.503 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VN078315.D
Acq: 21 Jun 2023 11:56



Tgt Ion: 91 Resp: 724128
Ion Ratio Lower Upper
91 100
126 33.4 16.7 50.0





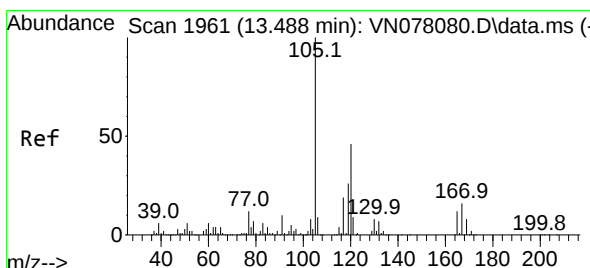
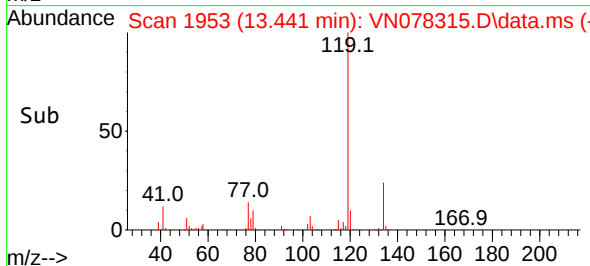
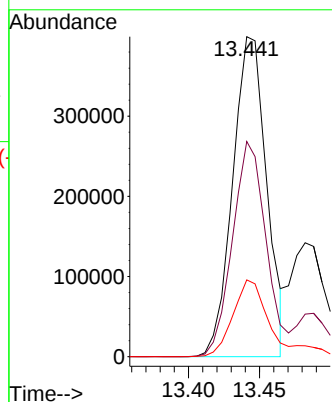
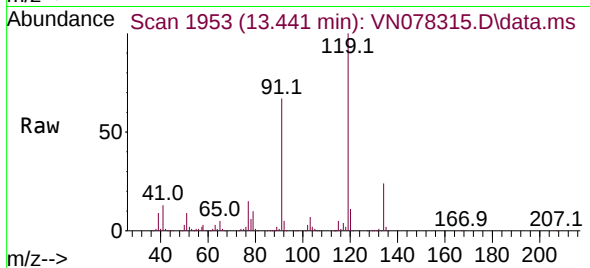
#83
tert-Butylbenzene
Concen: 45.609 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN078315.D
Acq: 21 Jun 2023 11:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:119 Resp: 663712
Ion Ratio Lower Upper
119 100
91 66.8 33.9 101.7
134 26.8 13.2 39.6

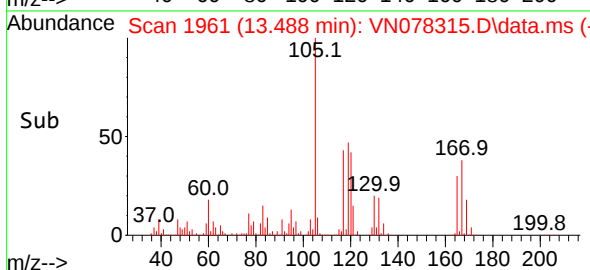
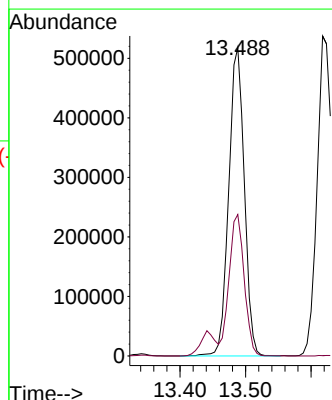
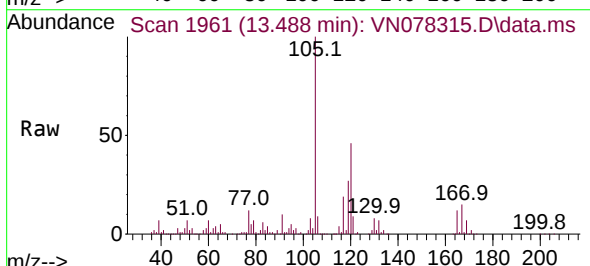
Manual Integrations
APPROVED

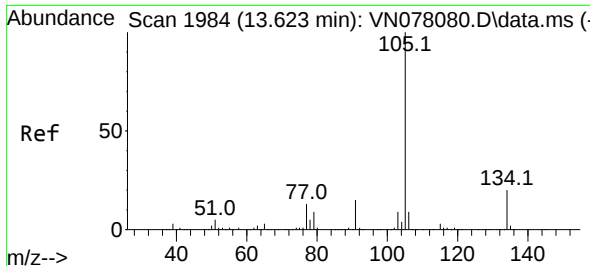
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023



#84
1,2,4-Trimethylbenzene
Concen: 52.642 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN078315.D
Acq: 21 Jun 2023 11:56

Tgt Ion:105 Resp: 854404
Ion Ratio Lower Upper
105 100
120 44.8 22.0 66.0





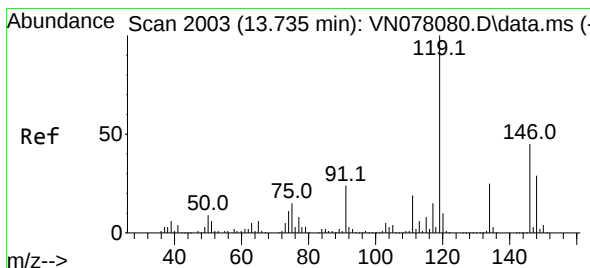
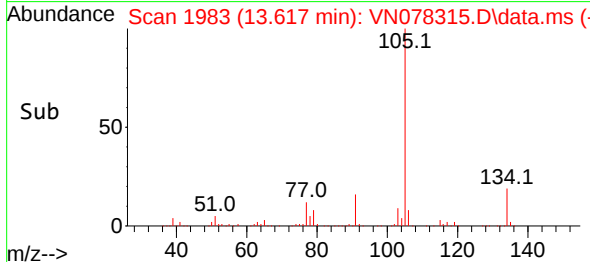
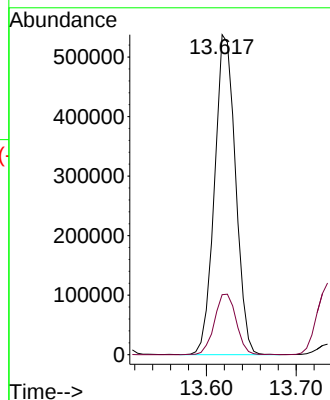
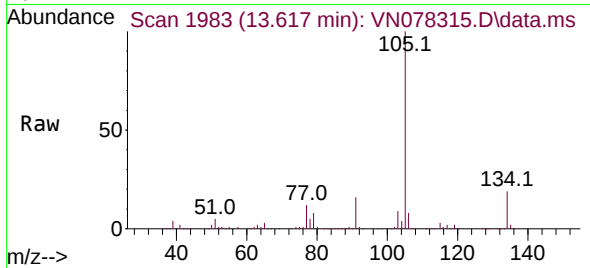
#85
 sec-Butylbenzene
 Concen: 45.829 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.006 min
 Lab File: VN078315.D
 Acq: 21 Jun 2023 11:56

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 872889
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.8 29.3

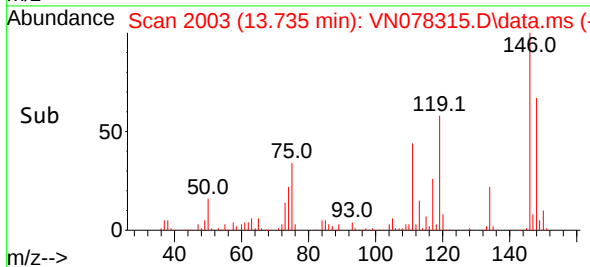
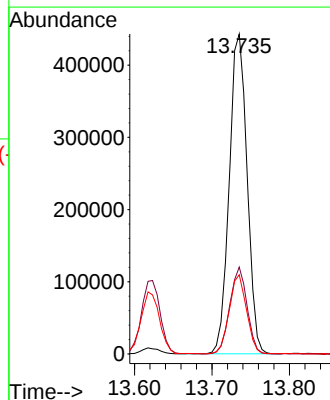
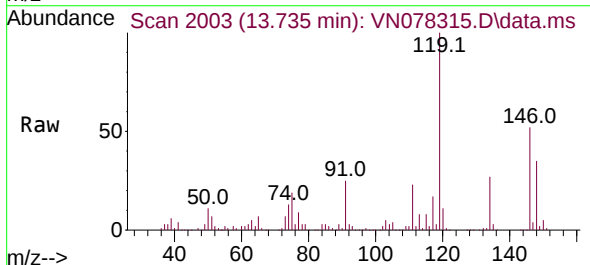
Manual Integrations
 APPROVED

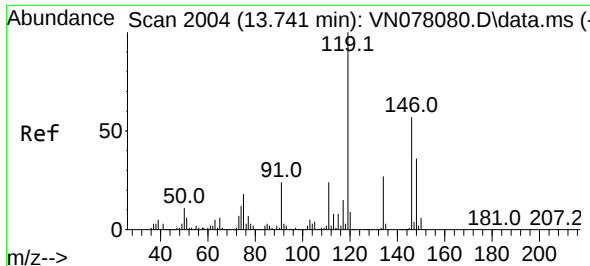
Reviewed By :John Carlone 06/22/2023
 Supervised By :Mahesh Dadoda 06/22/2023



#86
 p-Isopropyltoluene
 Concen: 45.950 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN078315.D
 Acq: 21 Jun 2023 11:56

Tgt Ion:119 Resp: 710230
 Ion Ratio Lower Upper
 119 100
 134 26.2 12.6 37.8
 91 24.0 12.4 37.2





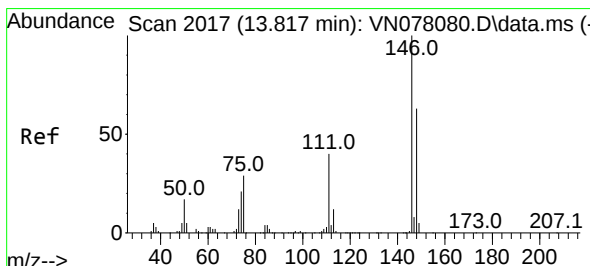
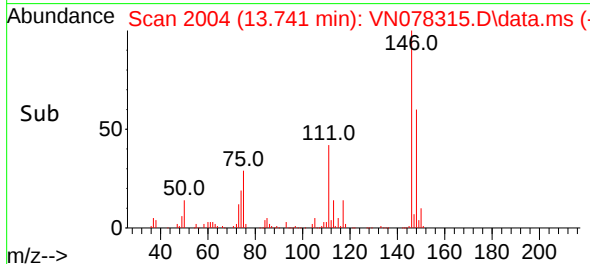
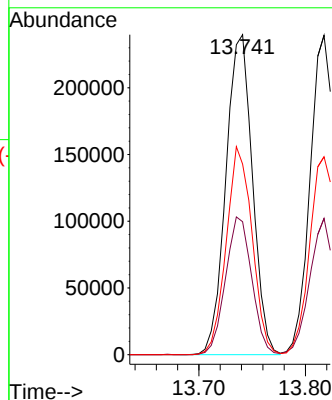
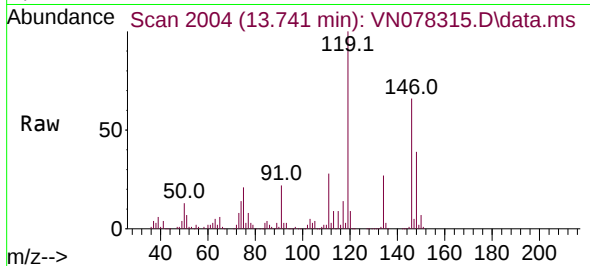
#87
1,3-Dichlorobenzene
Concen: 51.133 ug/l
RT: 13.741 min Scan# 2004
Delta R.T. 0.000 min
Lab File: VN078315.D
Acq: 21 Jun 2023 11:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 415162
Ion Ratio Lower Upper
146 100
111 42.5 22.1 66.3
148 63.3 32.0 96.0

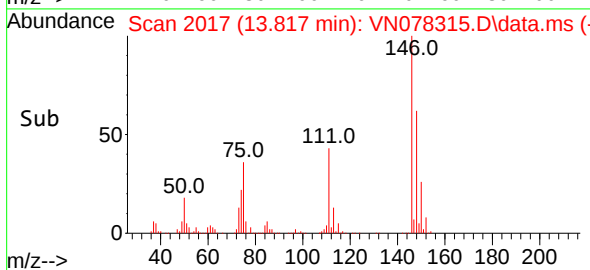
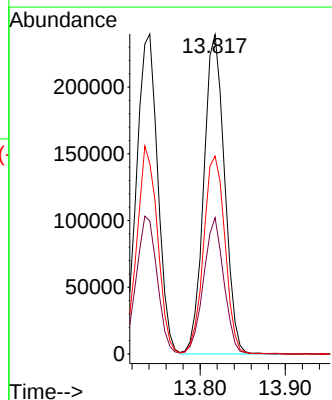
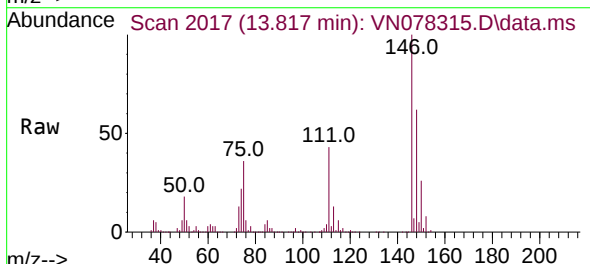
Manual Integrations
APPROVED

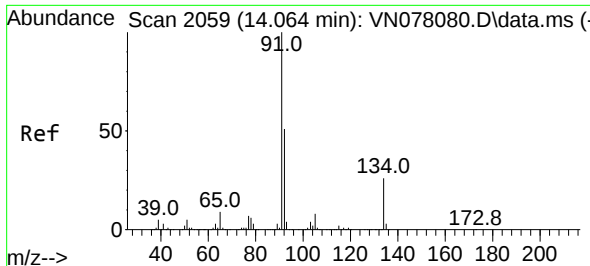
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023



#88
1,4-Dichlorobenzene
Concen: 51.746 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. 0.000 min
Lab File: VN078315.D
Acq: 21 Jun 2023 11:56

Tgt Ion:146 Resp: 405410
Ion Ratio Lower Upper
146 100
111 41.5 20.6 61.8
148 63.9 31.6 94.8





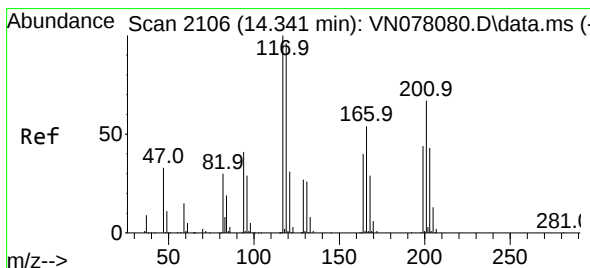
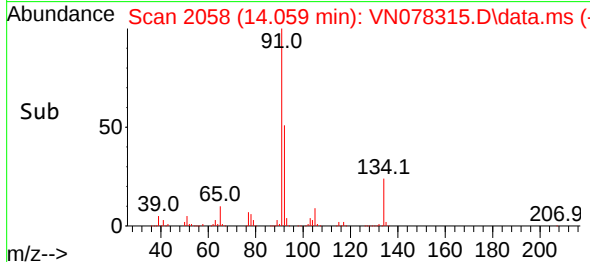
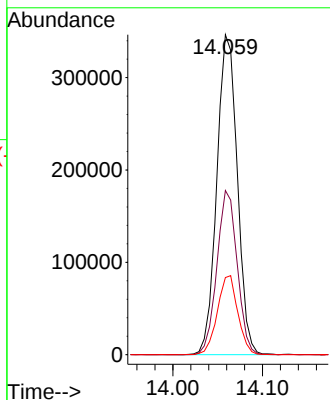
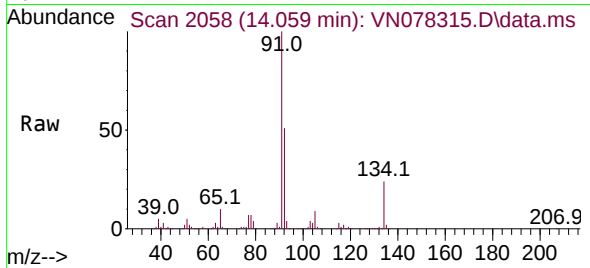
#89
n-Butylbenzene
Concen: 45.048 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.006 min
Lab File: VN078315.D
Acq: 21 Jun 2023 11:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 549198
Ion Ratio Lower Upper
91 100
92 50.8 26.4 79.0
134 24.7 12.6 37.6

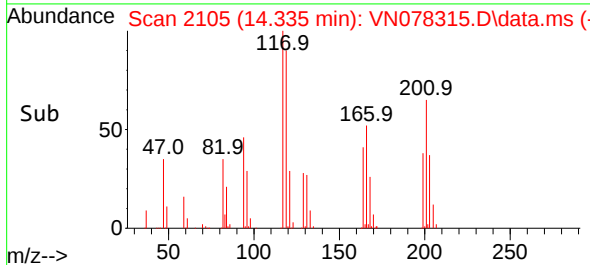
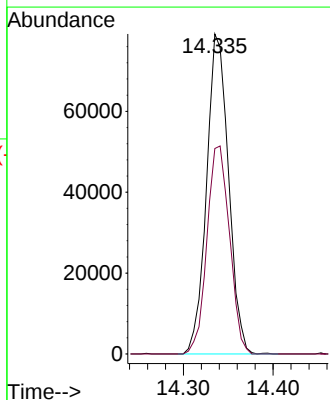
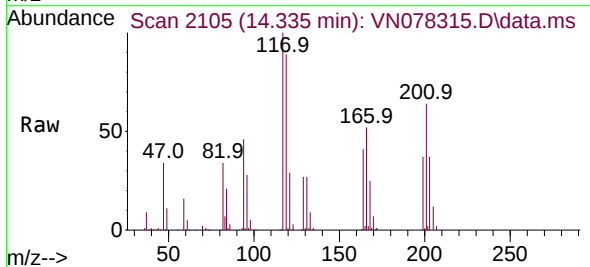
Manual Integrations
APPROVED

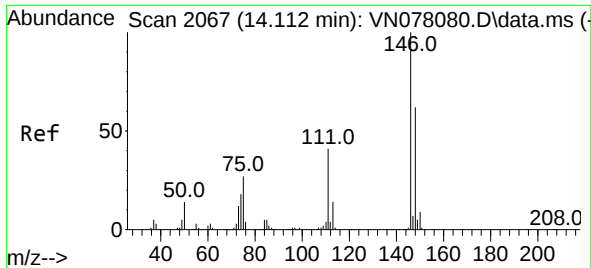
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023



#90
Hexachloroethane
Concen: 49.046 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.006 min
Lab File: VN078315.D
Acq: 21 Jun 2023 11:56

Tgt Ion:117 Resp: 134532
Ion Ratio Lower Upper
117 100
201 66.7 29.3 88.0





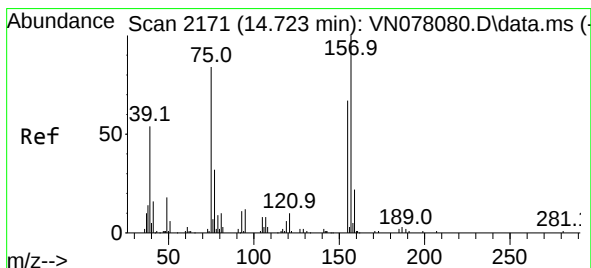
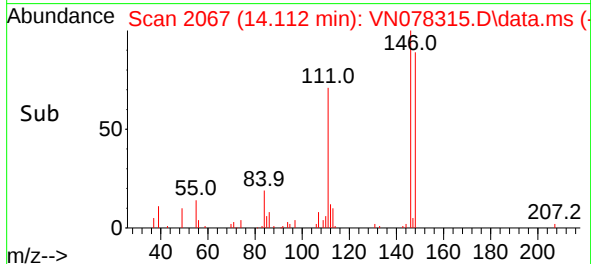
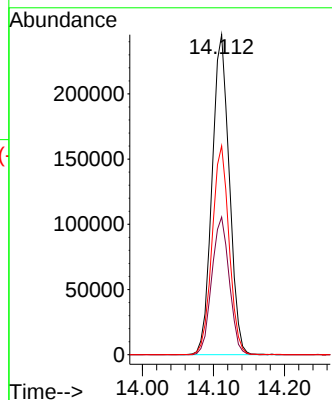
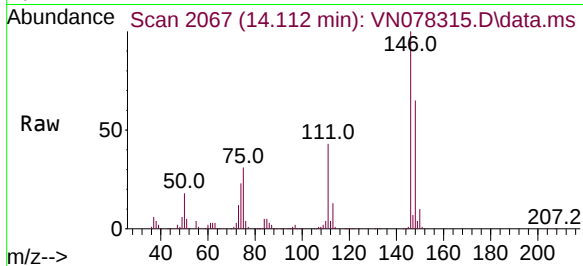
#91
1,2-Dichlorobenzene
Concen: 51.994 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. 0.000 min
Lab File: VN078315.D
Acq: 21 Jun 2023 11:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 41258
Ion Ratio Lower Upper
146 100
111 43.5 22.0 66.0
148 64.3 31.8 95.3

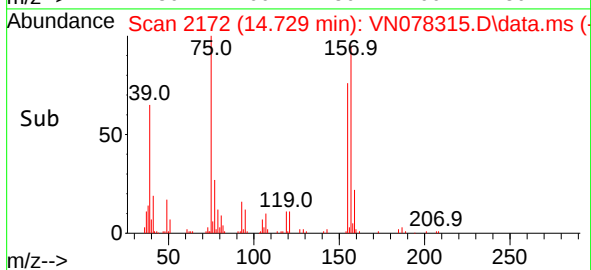
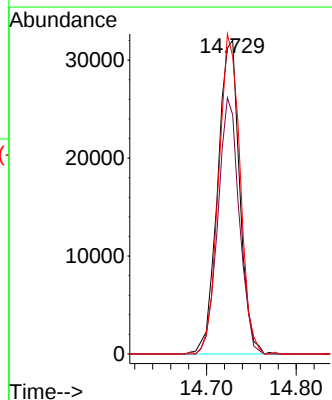
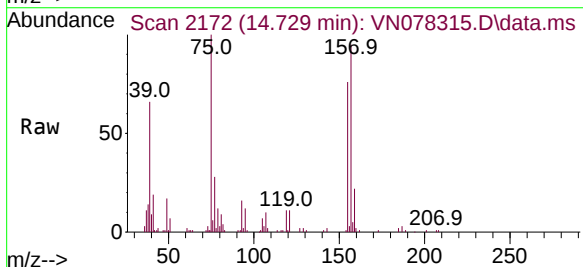
Manual Integrations
APPROVED

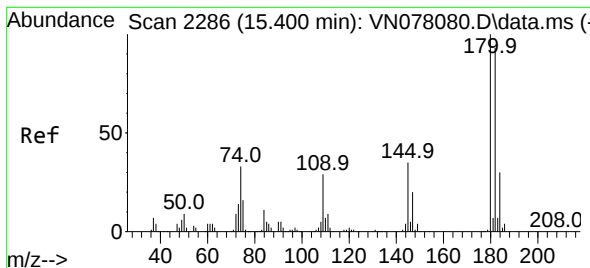
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 53.210 ug/l
RT: 14.729 min Scan# 2172
Delta R.T. 0.006 min
Lab File: VN078315.D
Acq: 21 Jun 2023 11:56

Tgt Ion: 75 Resp: 54498
Ion Ratio Lower Upper
75 100
155 79.0 39.1 117.2
157 99.2 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 44.246 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.006 min

Lab File: VN078315.D

Acq: 21 Jun 2023 11:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

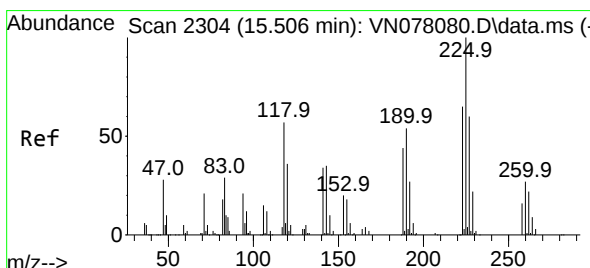
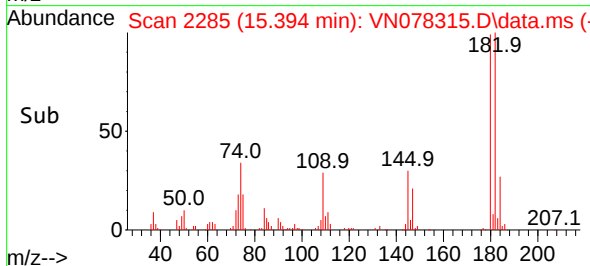
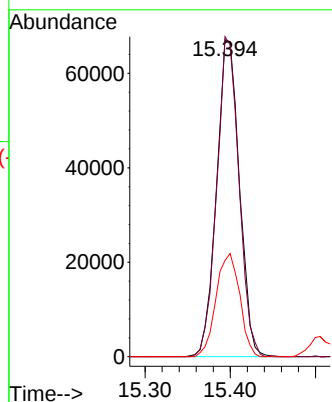
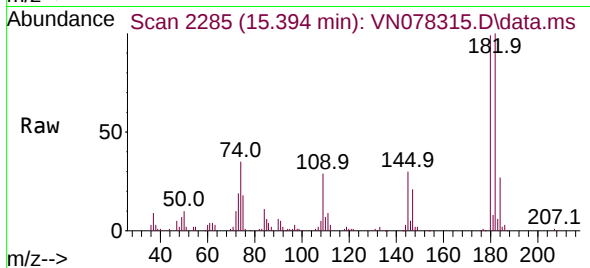
Tgt Ion:180	Resp:	125094
Ion Ratio	Lower	Upper
180	100	
182	97.6	46.1 138.2
145	33.6	16.6 49.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/22/2023

Supervised By :Mahesh Dadoda 06/22/2023



#94

Hexachlorobutadiene

Concen: 44.944 ug/l

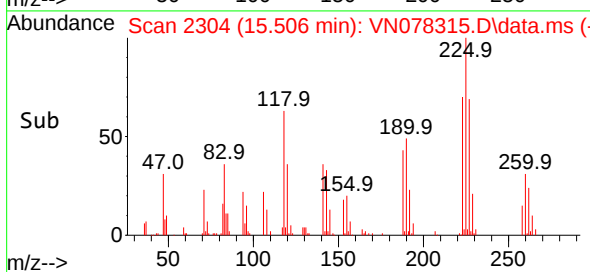
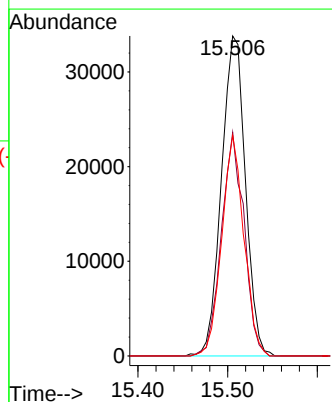
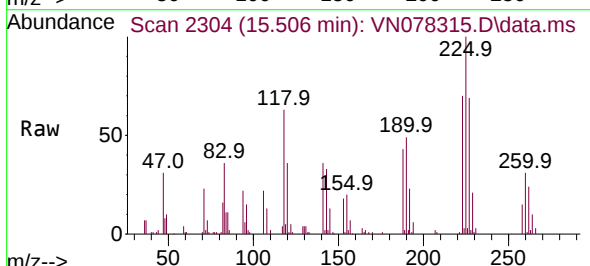
RT: 15.506 min Scan# 2304

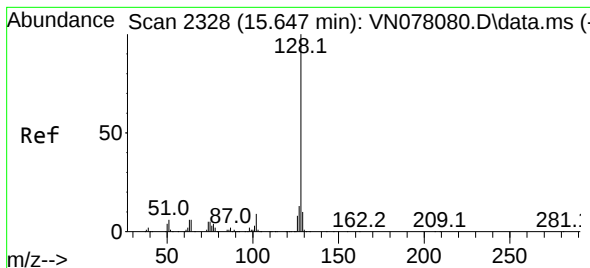
Delta R.T. -0.000 min

Lab File: VN078315.D

Acq: 21 Jun 2023 11:56

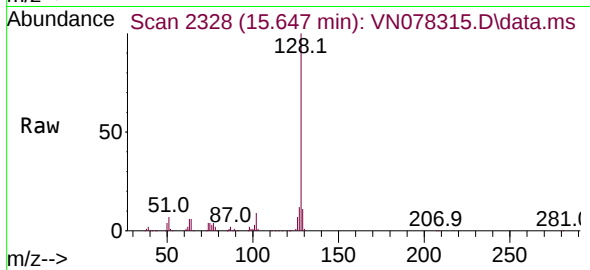
Tgt Ion:225	Resp:	62661
Ion Ratio	Lower	Upper
225	100	
223	66.0	31.3 93.8
227	64.0	31.9 95.9





#95
Naphthalene
Concen: 43.221 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. 0.000 min
Lab File: VN078315.D
Acq: 21 Jun 2023 11:56

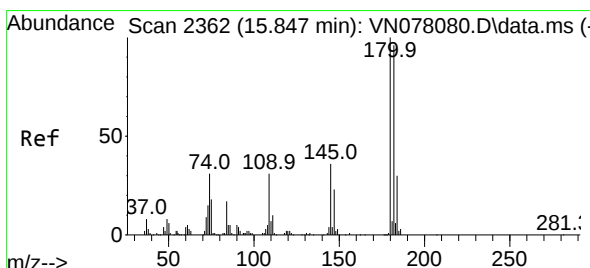
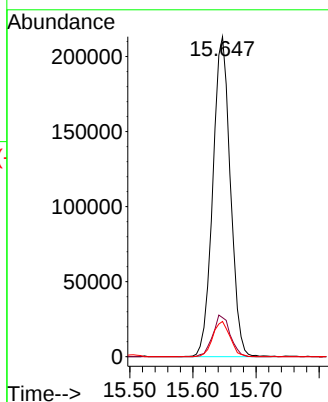
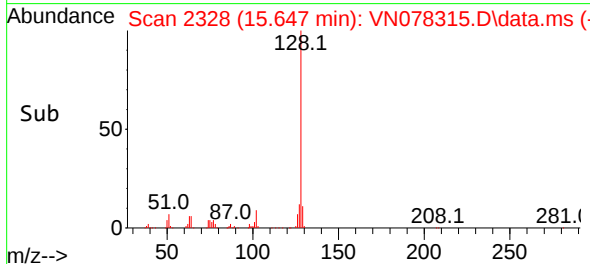
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:128 Resp: 411045
Ion Ratio Lower Upper
128 100
127 12.9 10.0 15.0
129 10.9 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023



#96
1,2,3-Trichlorobenzene
Concen: 42.591 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.006 min
Lab File: VN078315.D
Acq: 21 Jun 2023 11:56

Tgt Ion:180 Resp: 134675
Ion Ratio Lower Upper
180 100
182 98.5 46.2 138.6
145 35.3 17.5 52.6

