

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060622\
 Data File : VN072660.D
 Acq On : 06 Jun 2022 12:29
 Operator : JC\MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC150

Quant Time: Jun 06 13:13:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N060622W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Jun 06 13:10:13 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

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

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

Internal Standards						
1) Bromochloromethane	7.651	128	44709	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.963	114	259607	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.739	117	246319	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.433	65	147511	32.746	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 109.167%			
60) 4-Bromofluorobenzene	12.727	95	153565	34.617	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 115.400%#			
63) Toluene-d8	10.439	98	400201	28.657	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 95.533%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.063	85	477699	156.624	ug/l	97
3) Chloromethane	2.293	50	519329	129.168	ug/l	95
4) Vinyl Chloride	2.434	62	466611	137.371	ug/l	99
5) Bromomethane	2.810	94	206510	122.342	ug/l	98
6) Chloroethane	2.981	64	294331	136.279	ug/l	97
7) Trichlorofluoromethane	3.351	101	835009	166.896	ug/l	98
8) Diethyl Ether	3.816	74	330703	161.752	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.193	101	440122	160.976	ug/l	76
10) 1,1-Dichloroethene	4.169	96	414185	156.694	ug/l	84
11) Methyl Iodide	4.410	142	480066	184.075	ug/l	98
12) Methyl Acetate	4.840	43	850072	159.627	ug/l	96
13) Acrolein	4.034	56	378159	648.601	ug/l	99
14) Acrylonitrile	5.545	53	1802290	794.019	ug/l	100
15) Acetone	4.275	58	473953	805.673	ug/l	78
16) Carbon Disulfide	4.522	76	1022277	143.212	ug/l	98
17) Allyl chloride	4.828	41	929054	165.274	ug/l	96
18) Methylene Chloride	5.087	84	527092	152.769	ug/l	89
19) trans-1,2-Dichloroethene	5.587	96	443217	153.271	ug/l #	82
20) Diisopropyl ether	6.487	45	1850038	145.535	ug/l	96
21) 1,1-Dichloroethane	6.375	63	997829	152.820	ug/l	100
22) cis-1,2-Dichloroethene	7.316	96	570572	153.380	ug/l	90
23) tert-Butyl Alcohol	5.363	59	828653	980.258	ug/l #	100
24) Methyl tert-Butyl Ether	5.610	73	1895197	177.214	ug/l	96
25) Chloroform	7.810	83	1032564	153.958	ug/l	99
26) Cyclohexane	8.092	56	825721	135.713	ug/l #	93
29) 1,1-Dichloropropene	8.216	75	733665	153.488	ug/l	95
30) 2-Butanone	7.328	43	2637471	811.106	ug/l	95
31) 2,2-Dichloropropane	7.316	77	987617	191.851	ug/l	94
32) 1,1,1-Trichloroethane	8.010	97	953077	173.297	ug/l	96
33) Carbon Tetrachloride	8.204	117	819316	168.559	ug/l	97
34) Benzene	8.457	78	2157726	145.091	ug/l	99
35) Methacrylonitrile	7.628	41	522676	156.294	ug/l	93
36) 1,2-Dichloroethane	8.522	62	903282	175.754	ug/l	99
37) Trichloroethene	9.210	130	528036	148.703	ug/l	91
38) Methylcyclohexane	9.457	83	865054	146.564	ug/l	92
39) 1,2-Dichloropropane	9.486	63	592557	148.443	ug/l	98
40) Dibromomethane	9.569	93	410483	159.582	ug/l	94
41) Bromodichloromethane	9.757	83	891951	169.690	ug/l	95
42) Vinyl Acetate	6.422	43	8662688	812.005	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.404	43	1037830	163.740	ug/l	97
44) Isopropyl Acetate	8.557	43	1695959	170.267	ug/l	99
45) 1,4-Dioxane	9.563	88	276331	3312.472	ug/l	89
46) Methyl methacrylate	9.557	41	785569	168.208	ug/l	88
47) n-amyl Acetate	12.380	43	1342415	184.861	ug/l	97
48) t-1,3-Dichloropropene	10.716	75	1060018	184.752	ug/l	99
49) cis-1,3-Dichloropropene	10.186	75	1050589	170.206	ug/l	97
50) 1,1,2-Trichloroethane	10.892	97	583374	155.260	ug/l	97
51) Ethyl methacrylate	10.757	69	1092690	169.725	ug/l	94
52) 1,3-Dichloropropane	11.039	76	1050660	157.857	ug/l	100
53) Dibromochloromethane	11.233	129	670797	171.486	ug/l	100
54) 1,2-Dibromoethane	11.345	107	627481	162.396	ug/l	97
55) 2-Chloroethyl vinyl ether	10.039	63	2385597	861.412	ug/l	98
56) Bromoform	12.457	173	468209	168.596	ug/l #	100
58) 4-Methyl-2-Pentanone	10.327	43	5421190	764.235	ug/l	98
59) 2-Hexanone	11.080	43	4010758	785.106	ug/l	99
61) Tetrachloroethene	10.975	164	422883	134.196	ug/l	96
62) Toluene	10.498	91	2419805	144.057	ug/l	97
64) Chlorobenzene	11.769	112	1512512	153.094	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.839	131	600917	153.038	ug/l	99
66) Ethyl Benzene	11.839	91	2849034	150.867	ug/l	100
67) m/p-Xylenes	11.951	106	2079962	306.107	ug/l	93
68) o-Xylene	12.274	106	1056886	155.057	ug/l	95
69) Styrene	12.292	104	1733674	161.106	ug/l	94
70) Isopropylbenzene	12.574	105	2793146	160.129	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.821	83	876736	146.653	ug/l	98
72) 1,2,3-Trichloropropane	12.874	75	765182m	135.175	ug/l	
73) Bromobenzene	12.857	156	568240	151.095	ug/l	76
74) n-propylbenzene	12.916	91	3268530	165.249	ug/l	99
75) 2-Chlorotoluene	13.004	91	1967987	162.996	ug/l	93
76) 1,3,5-Trimethylbenzene	13.057	105	2305145	165.908	ug/l	100
77) t-1,4-Dichloro-2-butene	12.621	75	360748	178.546	ug/l	99
78) 4-Chlorotoluene	13.098	91	1929243	175.067	ug/l	92
79) tert-butylbenzene	13.321	119	2019692	166.158	ug/l	97
80) 1,2,4-Trimethylbenzene	13.498	105	2850332	203.799	ug/l	100
81) sec-Butylbenzene	13.498	105	2850332	163.233	ug/l	99
82) p-Isopropyltoluene	13.610	119	2308805	170.467	ug/l	98
83) 1,3-Dichlorobenzene	13.610	146	1000640	152.616	ug/l	97
84) 1,4-Dichlorobenzene	13.692	146	994679	155.933	ug/l	97
85) n-Butylbenzene	13.939	91	2041763	180.872	ug/l	96
86) Hexachloroethane	14.204	117	495958	177.931	ug/l	90
87) 1,2-Dichlorobenzene	13.986	146	966294	149.980	ug/l	96
88) 1,2-Dibromo-3-Chloropr...	14.598	75	238919	192.105	ug/l	87
89) 1,2,4-Trichlorobenzene	15.257	180	528686	164.748	ug/l	97
90) Hexachlorobutadiene	15.368	225	222151	141.185	ug/l	99
91) Naphthalene	15.498	128	2110254	181.257	ug/l	99
92) 1,2,3-Trichlorobenzene	15.698	180	525930	161.560	ug/l	98

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

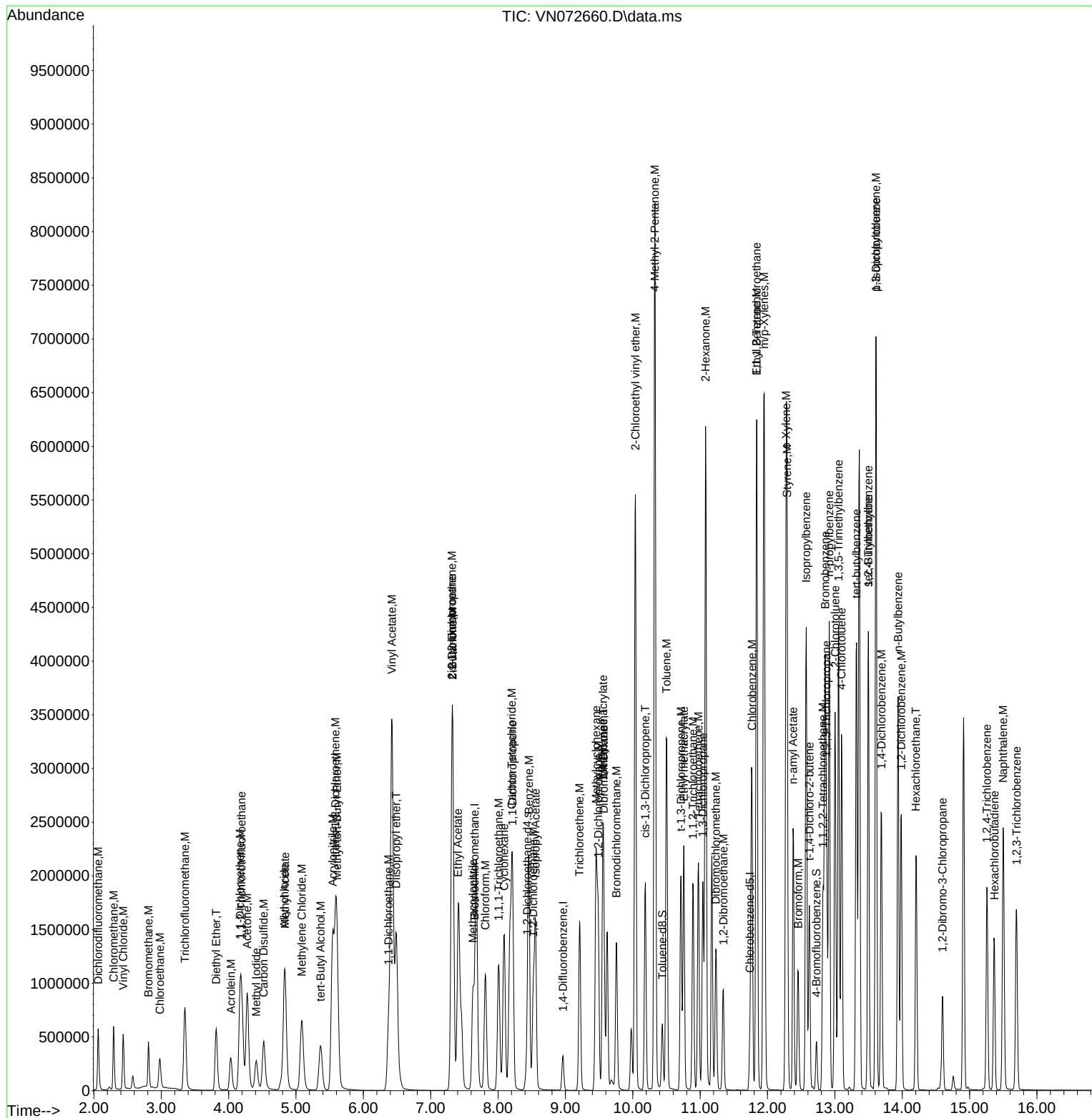
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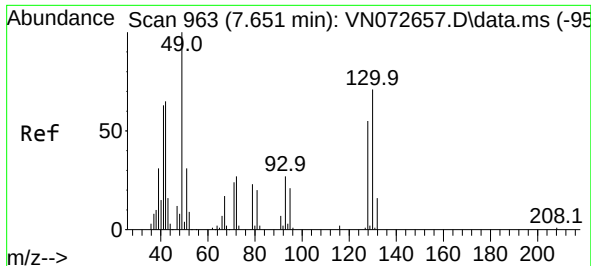
Instrument :
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 ClientSampleId :
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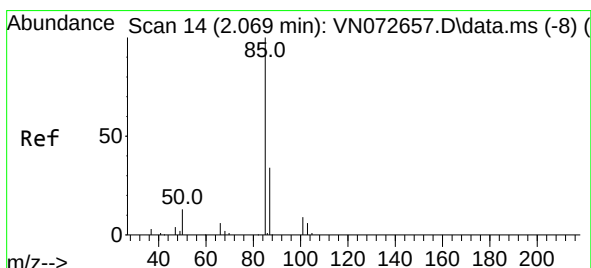
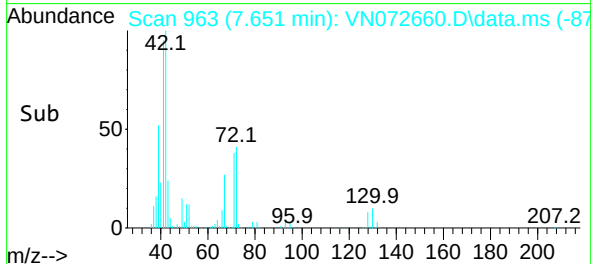
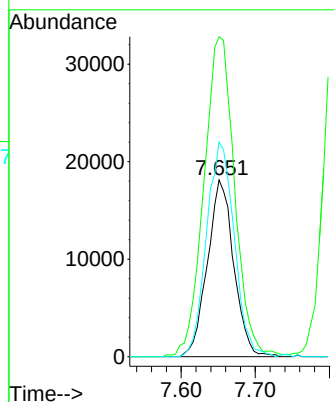
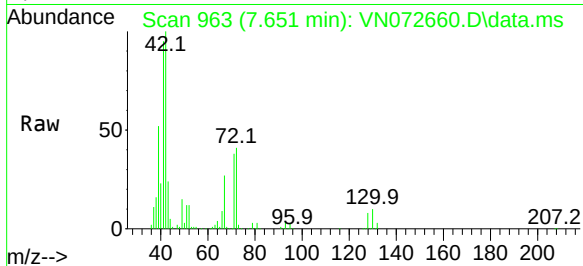
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.651 min Scan# 9
Delta R.T. 0.000 min
Lab File: VN072660.D
Acq: 06 Jun 2022 12:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion:128 Resp: 44709
Ion Ratio Lower Upper
128 100
49 208.9 0.0 392.3
130 127.9 0.0 320.2

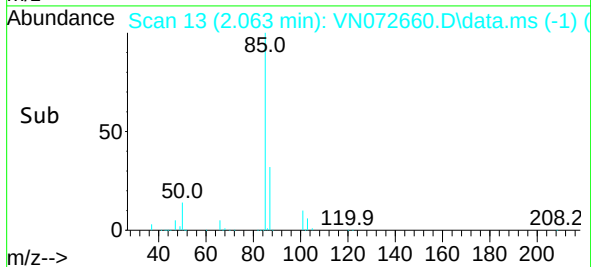
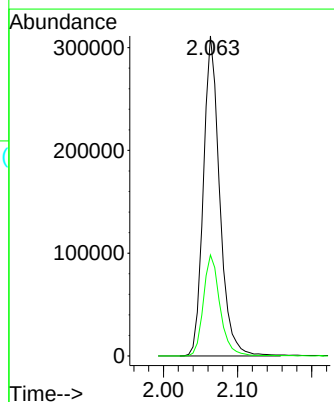
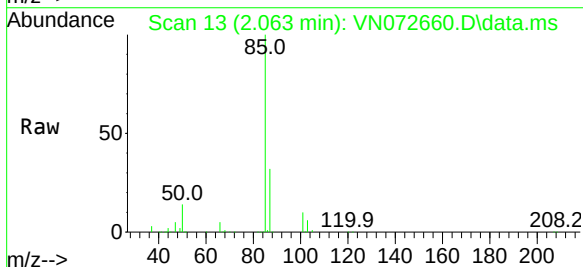
Manual Integrations
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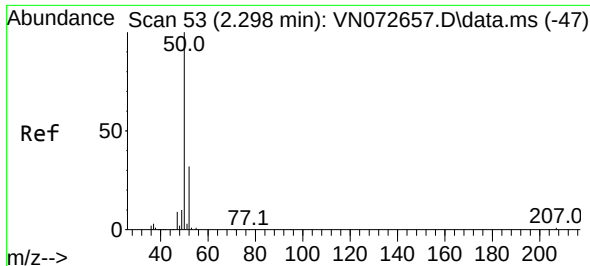
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022



#2
Dichlorodifluoromethane
Concen: 156.624 ug/l
RT: 2.063 min Scan# 13
Delta R.T. -0.006 min
Lab File: VN072660.D
Acq: 06 Jun 2022 12:29

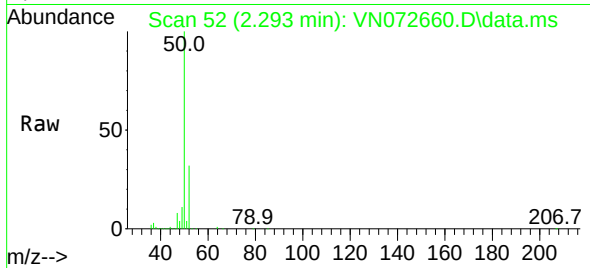
Tgt Ion: 85 Resp: 477699
Ion Ratio Lower Upper
85 100
87 31.5 16.6 49.7





#3
Chloromethane
Concen: 129.168 ug/l
RT: 2.293 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN072660.D
Acq: 06 Jun 2022 12:29

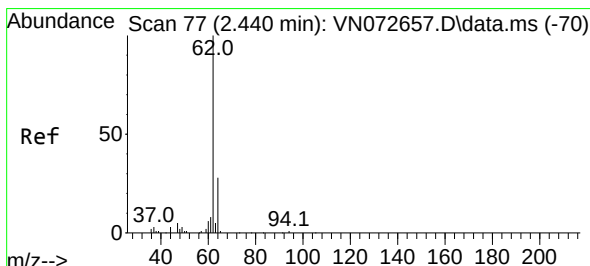
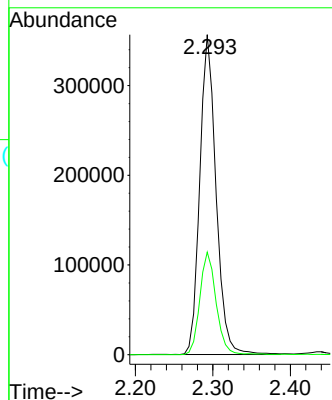
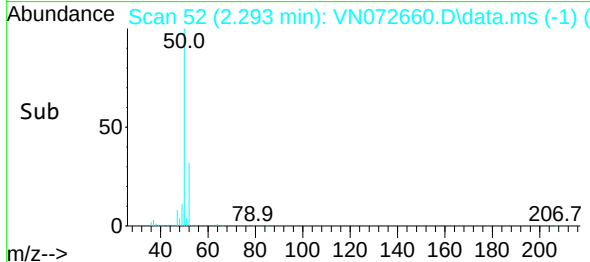
Instrument :
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ClientSampleId :
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Tgt Ion: 50 Resp: 519329
Ion Ratio Lower Upper
50 100
52 32.1 27.8 41.6

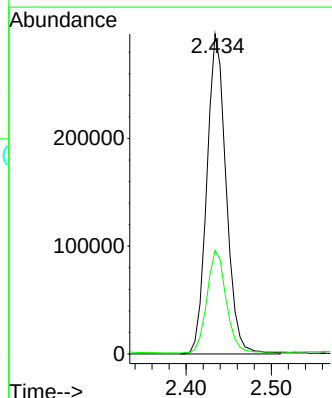
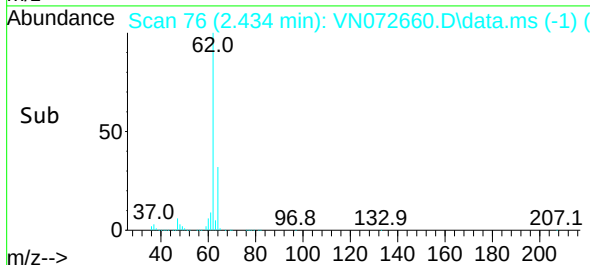
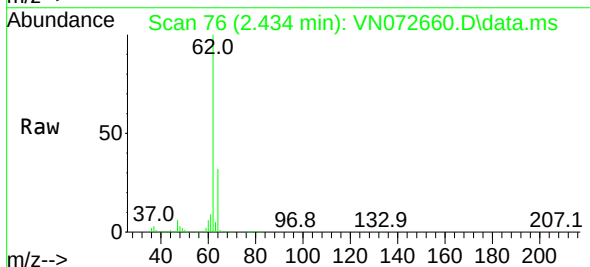
Manual Integrations
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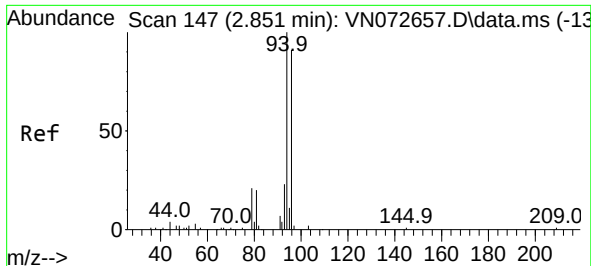
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022



#4
Vinyl Chloride
Concen: 137.371 ug/l
RT: 2.434 min Scan# 76
Delta R.T. -0.006 min
Lab File: VN072660.D
Acq: 06 Jun 2022 12:29

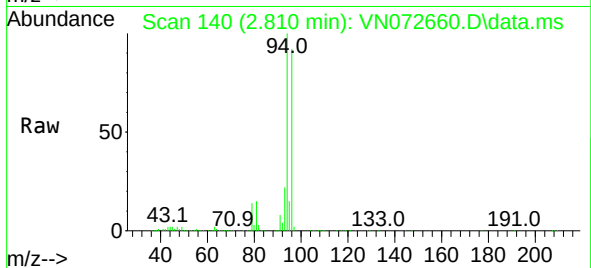
Tgt Ion: 62 Resp: 466611
Ion Ratio Lower Upper
62 100
64 32.0 25.1 37.7





#5
Bromomethane
Concen: 122.342 ug/l
RT: 2.810 min Scan# 147
Delta R.T. -0.041 min
Lab File: VN072660.D
Acq: 06 Jun 2022 12:29

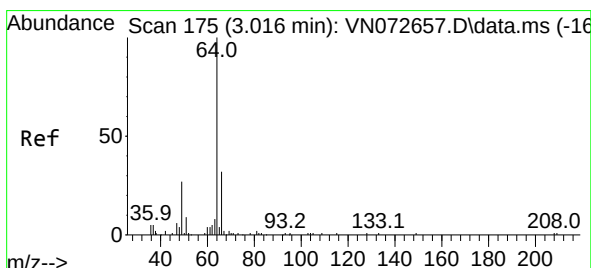
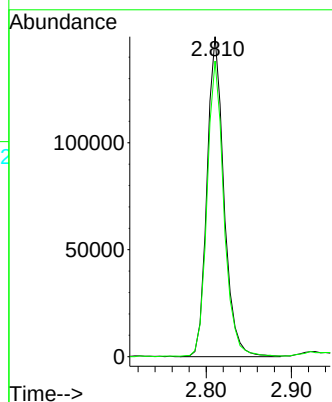
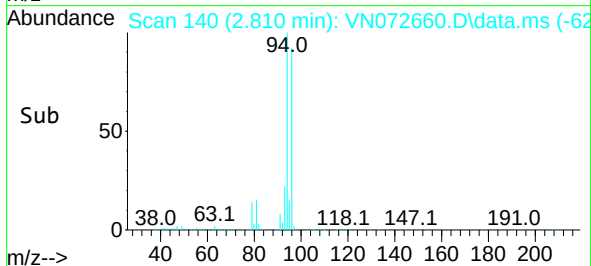
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



Tgt Ion: 94 Resp: 206510
Ion Ratio Lower Upper
94 100
96 92.2 75.2 112.8

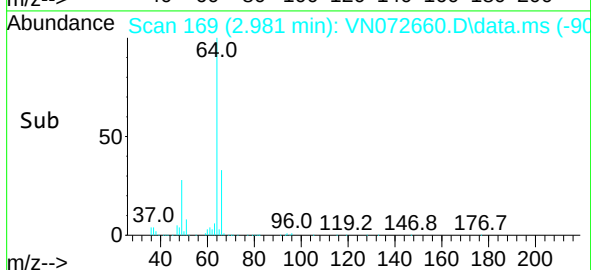
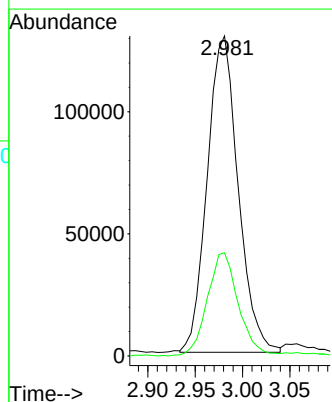
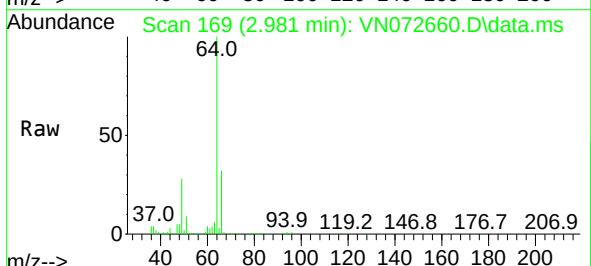
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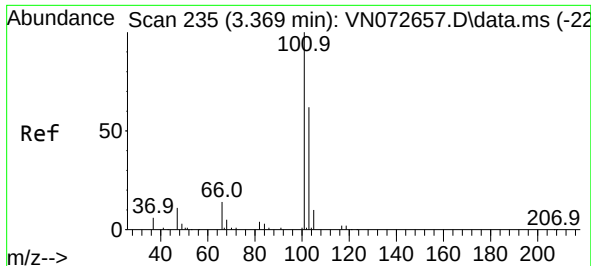
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022



#6
Chloroethane
Concen: 136.279 ug/l
RT: 2.981 min Scan# 169
Delta R.T. -0.035 min
Lab File: VN072660.D
Acq: 06 Jun 2022 12:29

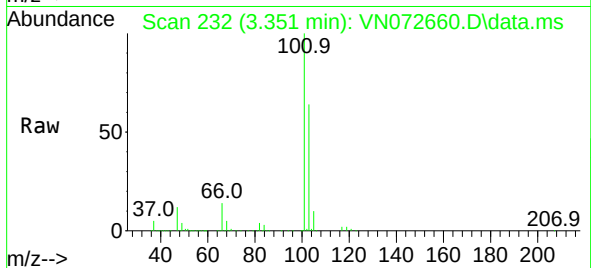
Tgt Ion: 64 Resp: 294331
Ion Ratio Lower Upper
64 100
66 32.4 24.6 36.8





#7
Trichlorofluoromethane
Concen: 166.896 ug/l
RT: 3.351 min Scan# 21
Delta R.T. -0.018 min
Lab File: VN072660.D
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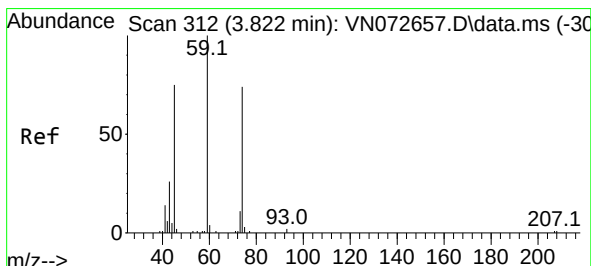
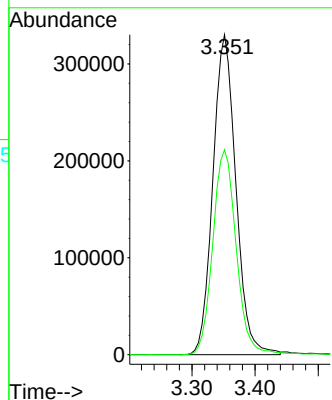
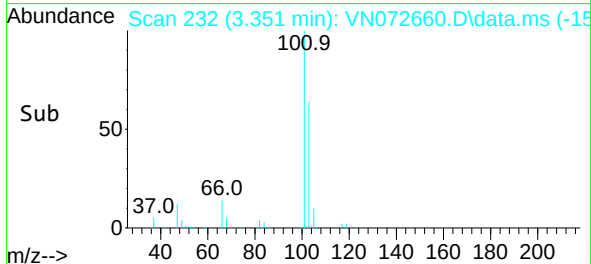
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Tgt Ion:101 Resp: 835009
Ion Ratio Lower Upper
101 100
103 64.1 50.1 75.1

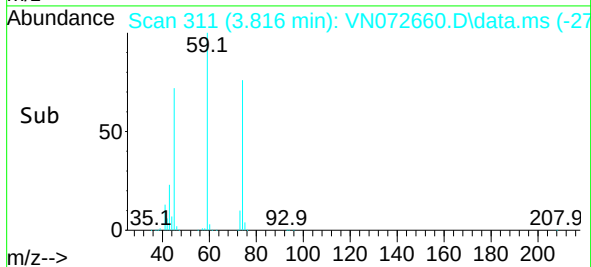
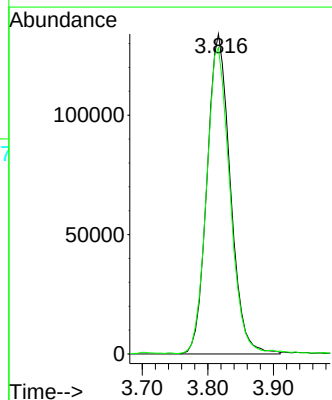
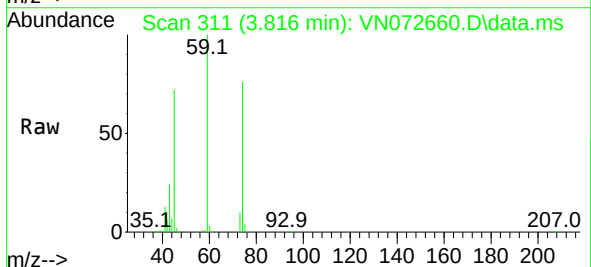
Manual Integrations
APPROVED

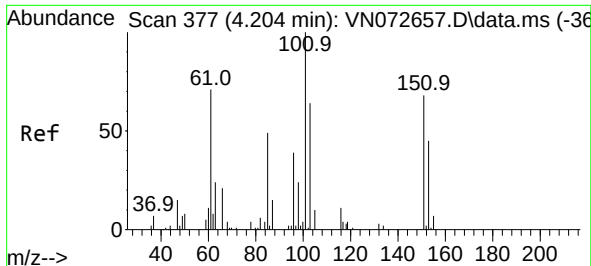
Reviewed By :John Carlone 06/07/2022
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#8
Diethyl Ether
Concen: 161.752 ug/l
RT: 3.816 min Scan# 311
Delta R.T. -0.006 min
Lab File: VN072660.D
Acq: 06 Jun 2022 12:29

Tgt Ion: 74 Resp: 330703
Ion Ratio Lower Upper
74 100
45 95.6 17.6 158.8





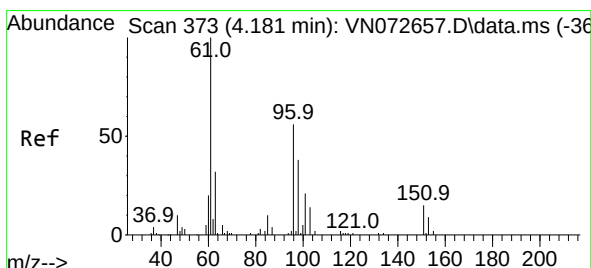
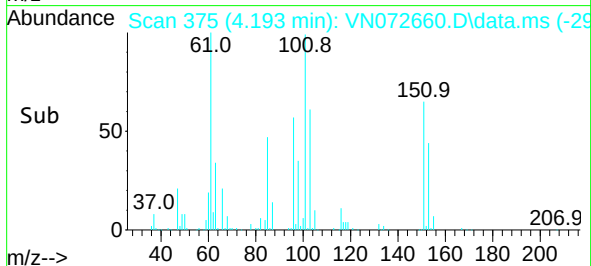
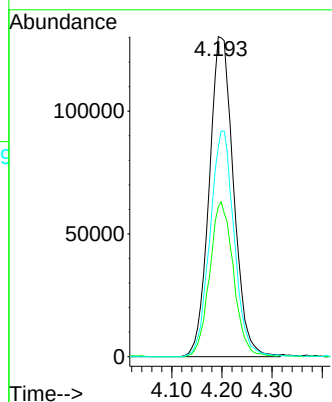
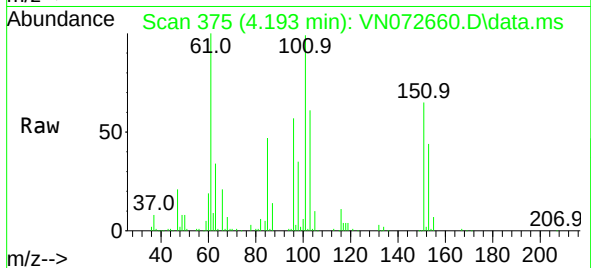
#9
1,1,2-Trichlorotrifluoroethane
Concen: 160.976 ug/l
RT: 4.193 min Scan# 31
Delta R.T. -0.012 min
Lab File: VN072660.D
Acq: 06 Jun 2022 12:29

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion:101 Resp: 44012
Ion Ratio Lower Upper
101 100
85 47.1 0.0 94.0
151 69.9 0.0 74.6

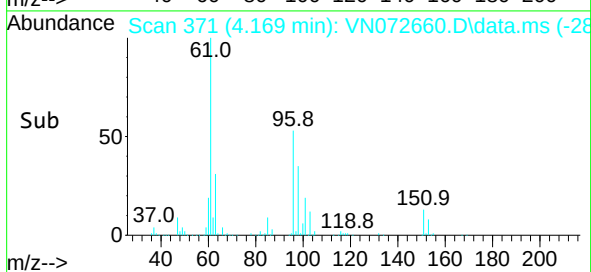
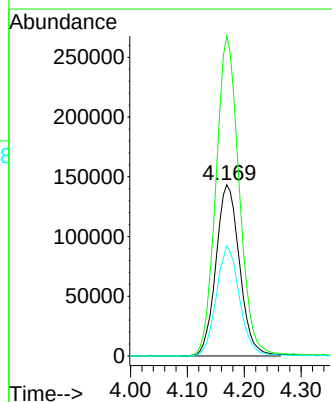
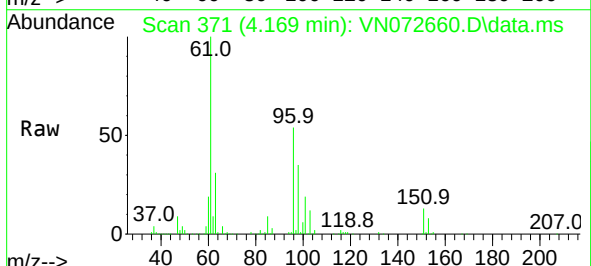
Manual Integrations
APPROVED

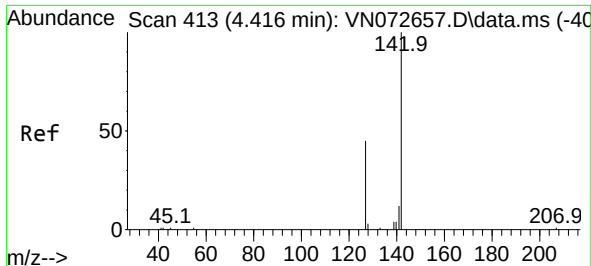
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022



#10
1,1-Dichloroethene
Concen: 156.694 ug/l
RT: 4.169 min Scan# 371
Delta R.T. -0.012 min
Lab File: VN072660.D
Acq: 06 Jun 2022 12:29

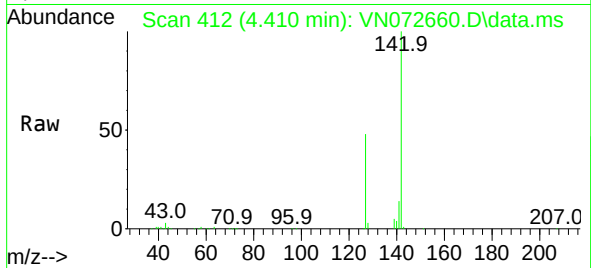
Tgt Ion: 96 Resp: 414185
Ion Ratio Lower Upper
96 100
61 186.9 126.2 189.4
98 64.5 50.9 76.3





#11
Methyl Iodide
Concen: 184.075 ug/l
RT: 4.410 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN072660.D
Acq: 06 Jun 2022 12:29

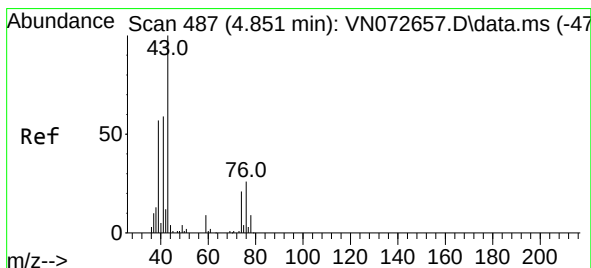
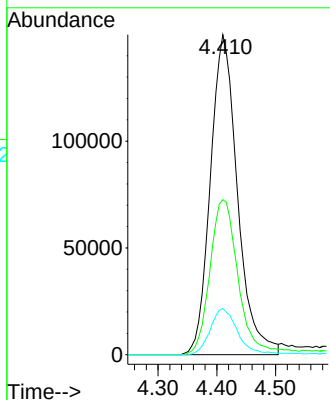
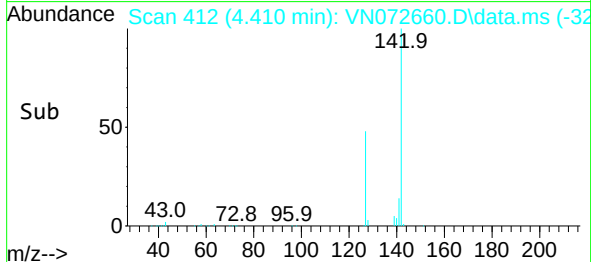
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



Tgt Ion:142 Resp: 480060
Ion Ratio Lower Upper
142 100
127 48.4 24.0 72.0
141 14.5 8.4 25.2

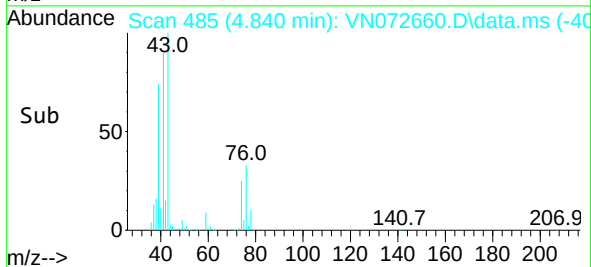
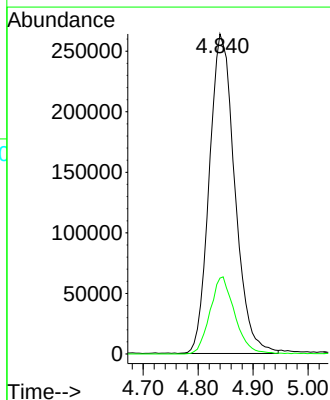
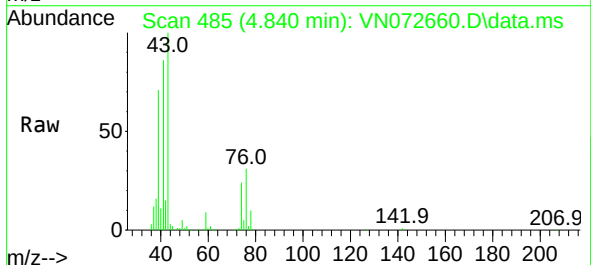
Manual Integrations
APPROVED

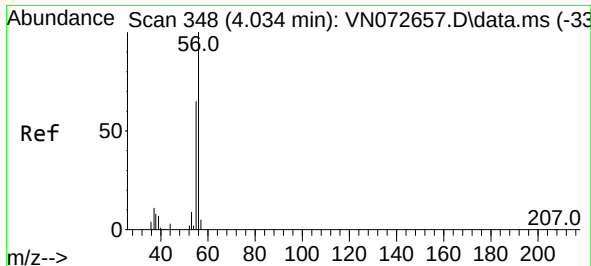
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022



#12
Methyl Acetate
Concen: 159.627 ug/l
RT: 4.840 min Scan# 485
Delta R.T. -0.012 min
Lab File: VN072660.D
Acq: 06 Jun 2022 12:29

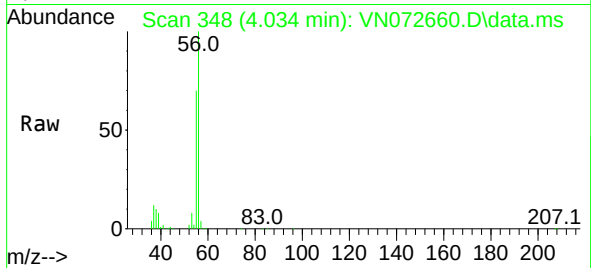
Tgt Ion: 43 Resp: 850072
Ion Ratio Lower Upper
43 100
74 23.7 20.8 31.2





#13
Acrolein
Concen: 648.601 ug/l
RT: 4.034 min Scan# 348
Delta R.T. 0.000 min
Lab File: VN072660.D
Acq: 06 Jun 2022 12:29

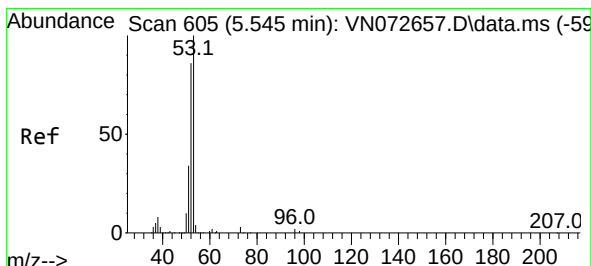
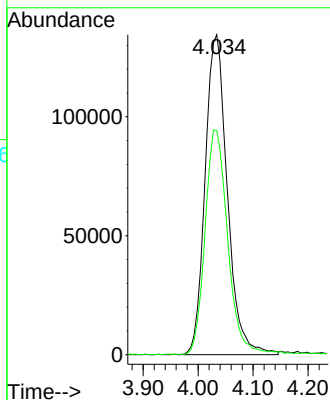
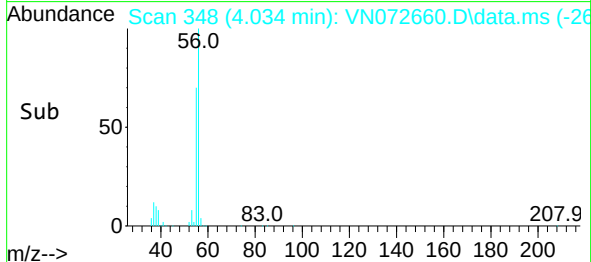
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



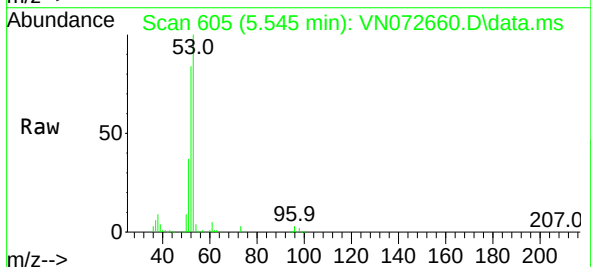
Tgt Ion: 56 Resp: 37815
Ion Ratio Lower Upper
56 100
55 70.9 57.6 86.4

Manual Integrations
APPROVED

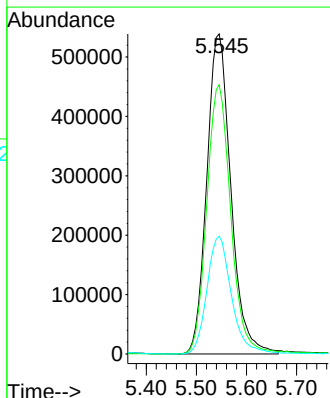
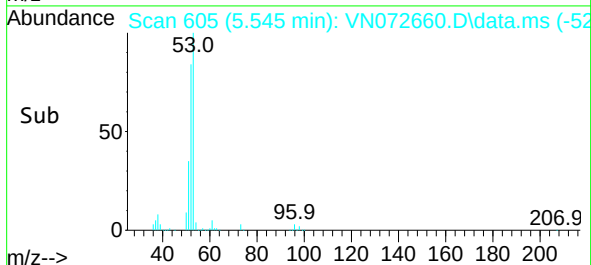
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022

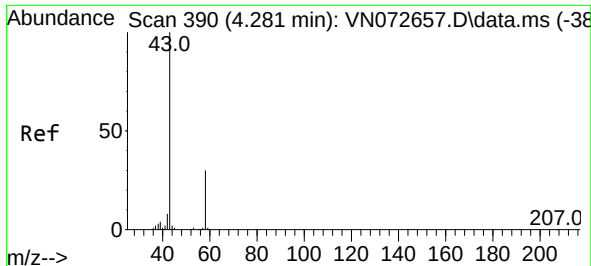


#14
Acrylonitrile
Concen: 794.019 ug/l
RT: 5.545 min Scan# 605
Delta R.T. 0.000 min
Lab File: VN072660.D
Acq: 06 Jun 2022 12:29



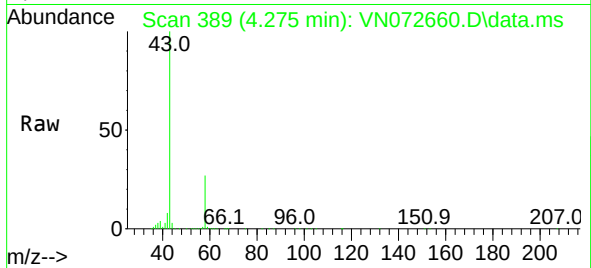
Tgt Ion: 53 Resp: 1802290
Ion Ratio Lower Upper
53 100
52 83.6 41.8 125.4
51 37.4 19.0 57.0





#15
Acetone
Concen: 805.673 ug/l
RT: 4.275 min Scan# 389
Delta R.T. -0.006 min
Lab File: VN072660.D
Acq: 06 Jun 2022 12:29

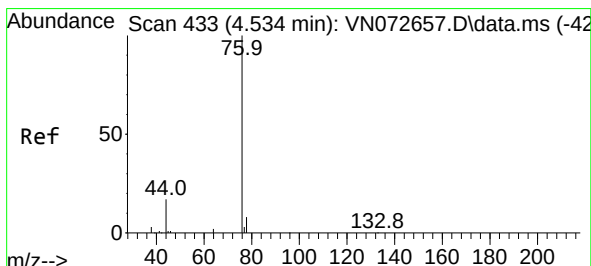
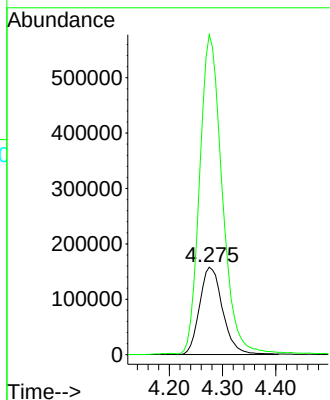
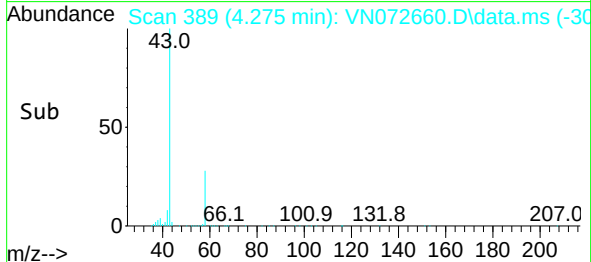
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



Tgt Ion: 58 Resp: 47395
Ion Ratio Lower Upper
58 100
43 365.0 256.6 384.8

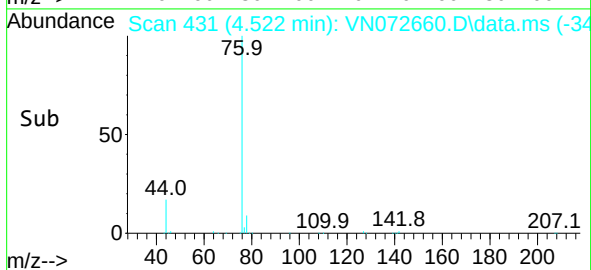
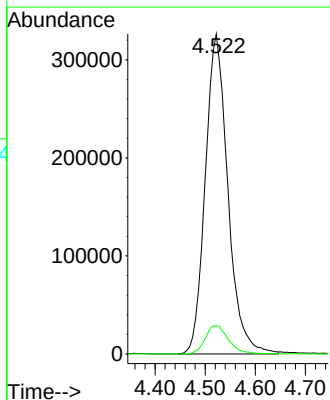
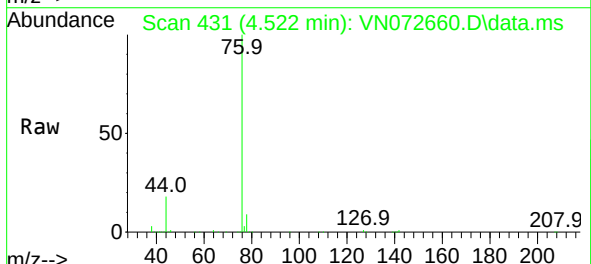
Manual Integrations
APPROVED

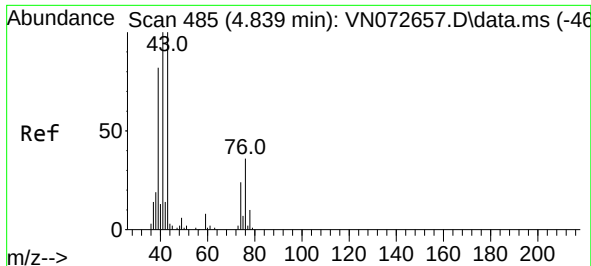
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022



#16
Carbon Disulfide
Concen: 143.212 ug/l
RT: 4.522 min Scan# 431
Delta R.T. -0.012 min
Lab File: VN072660.D
Acq: 06 Jun 2022 12:29

Tgt Ion: 76 Resp: 1022277
Ion Ratio Lower Upper
76 100
78 8.9 7.8 11.8





#17

Allyl chloride

Concen: 165.274 ug/l

RT: 4.828 min Scan# 41

Delta R.T. -0.012 min

Lab File: VN072660.D

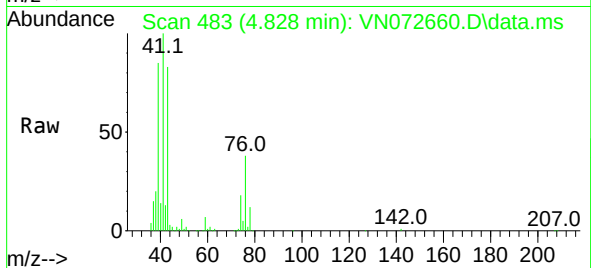
Acq: 06 Jun 2022 12:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC150



Tgt Ion: 41 Resp: 929054

Ion Ratio Lower Upper

41 100

39 84.7 44.6 134.0

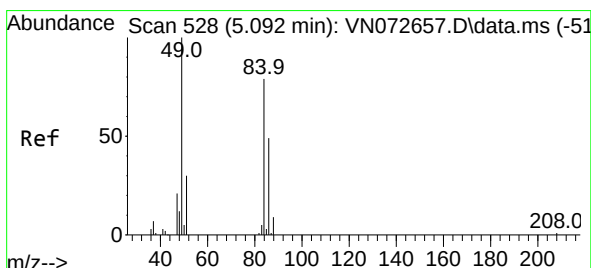
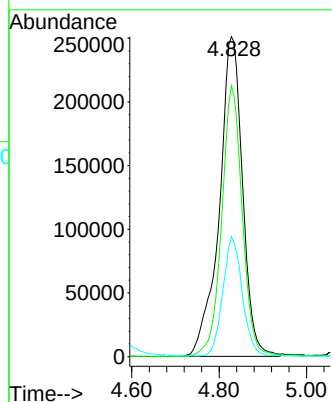
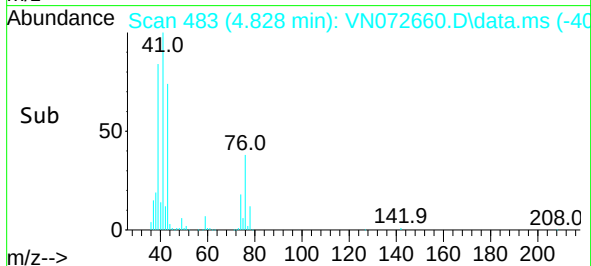
76 37.3 19.6 58.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/07/2022

Supervised By :Mahesh Dadoda 06/07/2022



#18

Methylene Chloride

Concen: 152.769 ug/l

RT: 5.087 min Scan# 527

Delta R.T. -0.006 min

Lab File: VN072660.D

Acq: 06 Jun 2022 12:29

Tgt Ion: 84 Resp: 527092

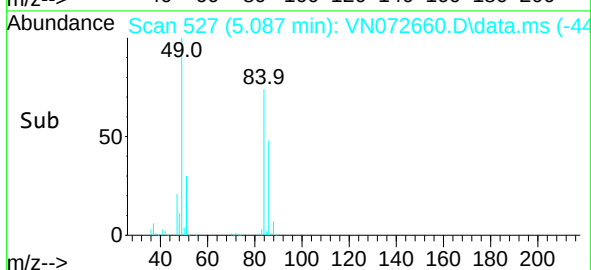
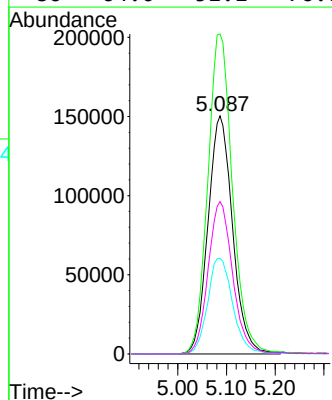
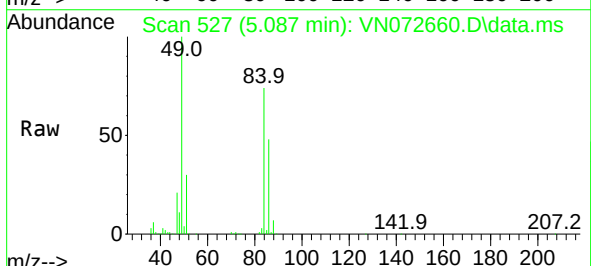
Ion Ratio Lower Upper

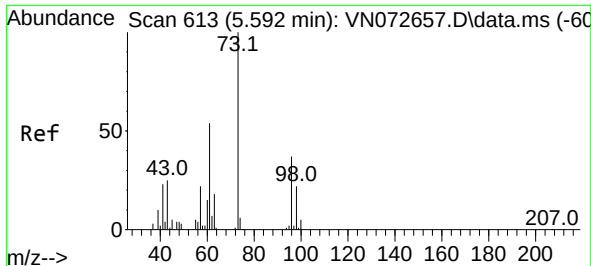
84 100

49 134.2 91.4 137.0

51 40.2 29.4 44.0

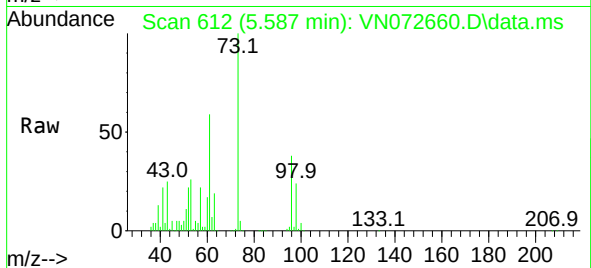
86 64.0 51.1 76.7





#19
trans-1,2-Dichloroethene
Concen: 153.271 ug/l
RT: 5.587 min Scan# 613
Delta R.T. -0.006 min
Lab File: VN072660.D
Acq: 06 Jun 2022 12:29

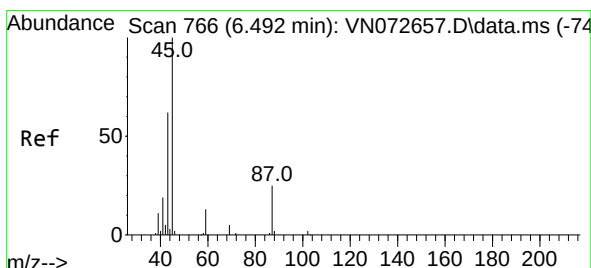
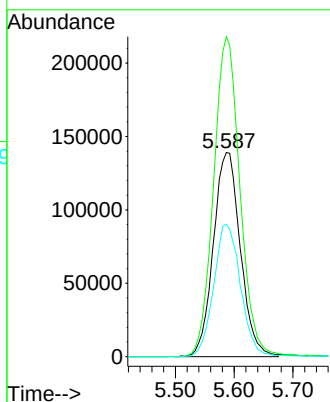
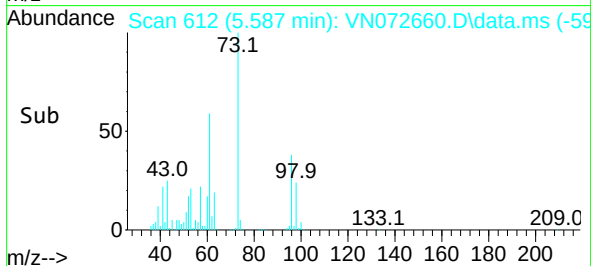
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



Tgt Ion: 96 Resp: 443217
Ion Ratio Lower Upper
96 100
61 156.7 102.8 154.2
98 64.9 49.3 73.9

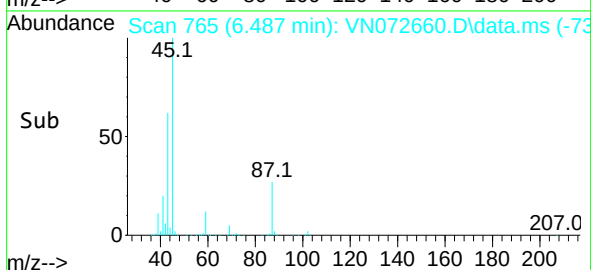
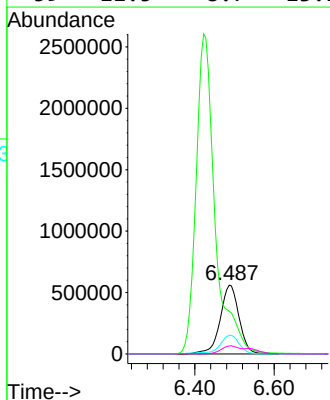
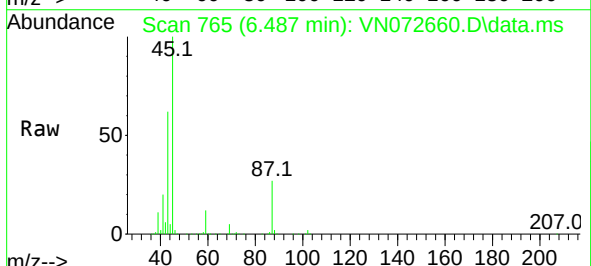
Manual Integrations
APPROVED

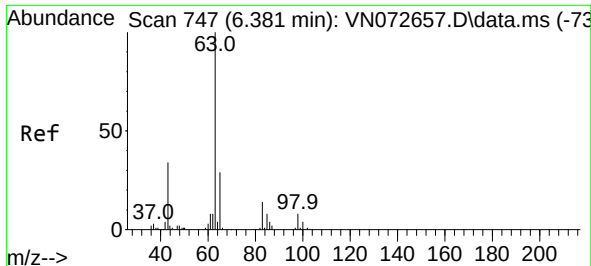
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022



#20
Diisopropyl ether
Concen: 145.535 ug/l
RT: 6.487 min Scan# 765
Delta R.T. -0.006 min
Lab File: VN072660.D
Acq: 06 Jun 2022 12:29

Tgt Ion: 45 Resp: 1850038
Ion Ratio Lower Upper
45 100
43 61.5 51.0 76.4
87 27.1 25.0 37.4
59 11.5 8.7 13.1





#21

1,1-Dichloroethane

Concen: 152.820 ug/l

RT: 6.375 min Scan# 74

Delta R.T. -0.006 min

Lab File: VN072660.D

Acq: 06 Jun 2022 12:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

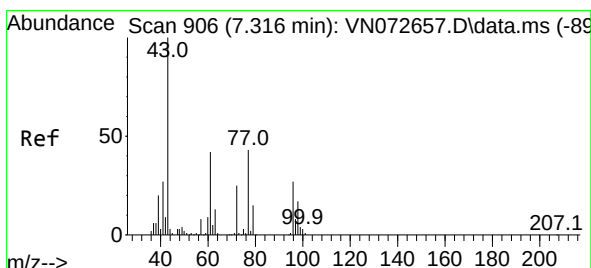
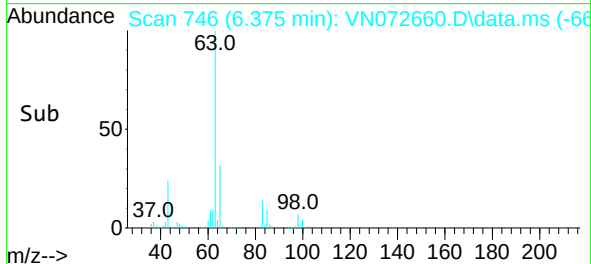
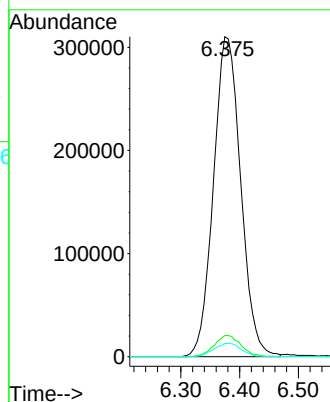
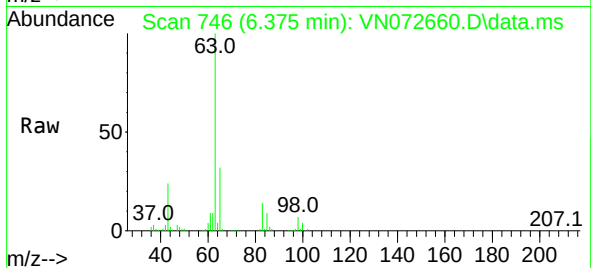
Tgt Ion:	63	Resp:	997829
Ion	Ratio	Lower	Upper
63	100		
98	6.6	3.2	9.6
100	4.1	2.1	6.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/07/2022

Supervised By :Mahesh Dadoda 06/07/2022



#22

cis-1,2-Dichloroethene

Concen: 153.380 ug/l

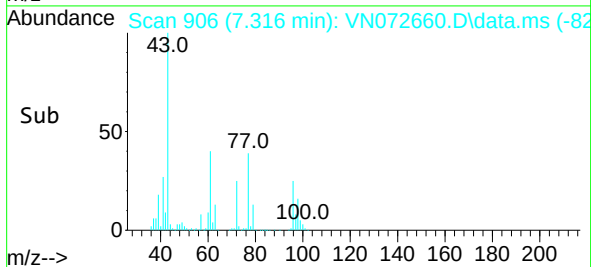
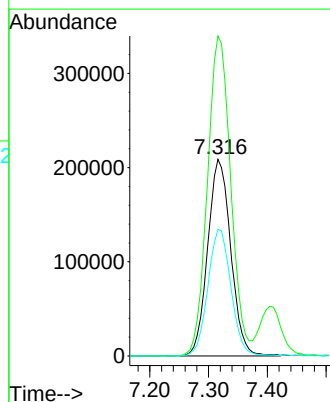
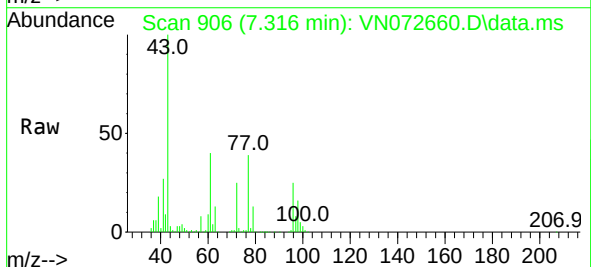
RT: 7.316 min Scan# 906

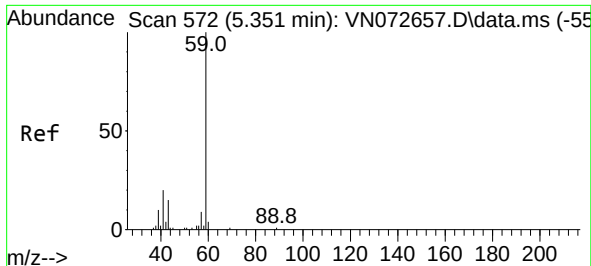
Delta R.T. 0.000 min

Lab File: VN072660.D

Acq: 06 Jun 2022 12:29

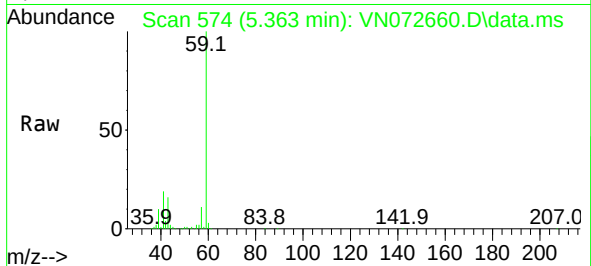
Tgt Ion:	96	Resp:	570572
Ion	Ratio	Lower	Upper
96	100		
61	163.3	115.7	173.5
98	64.4	51.6	77.4





#23
tert-Butyl Alcohol
Concen: 980.258 ug/l
RT: 5.363 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN072660.D
Acq: 06 Jun 2022 12:29

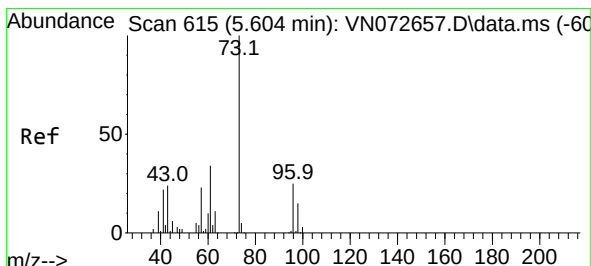
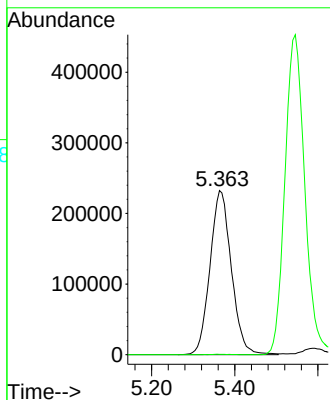
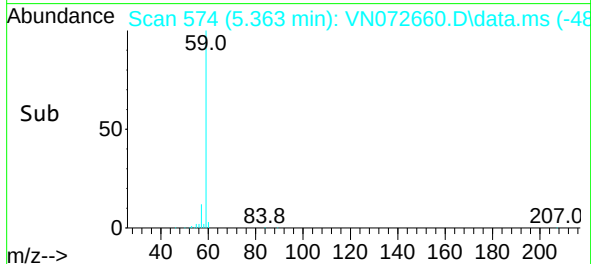
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



Tgt Ion: 59 Resp: 82865
Ion Ratio Lower Upper
59 100
52 0.1 0.0 0.0

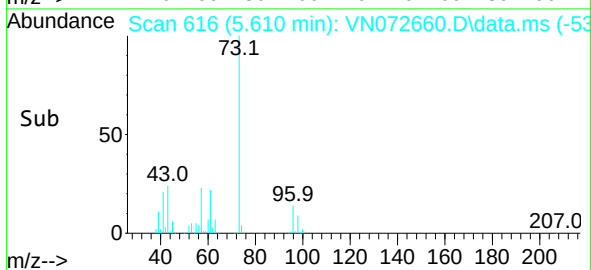
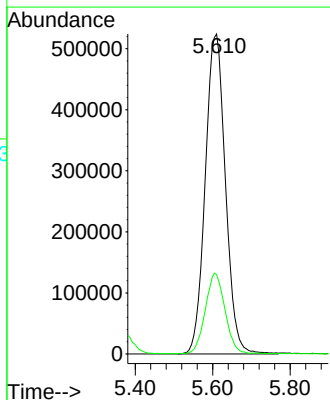
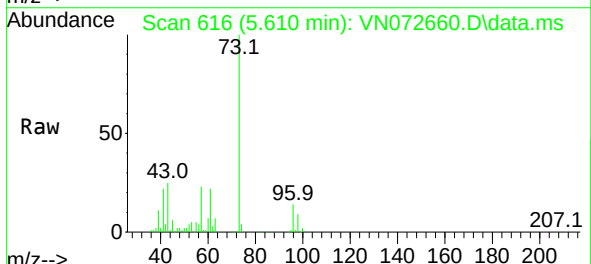
Manual Integrations
APPROVED

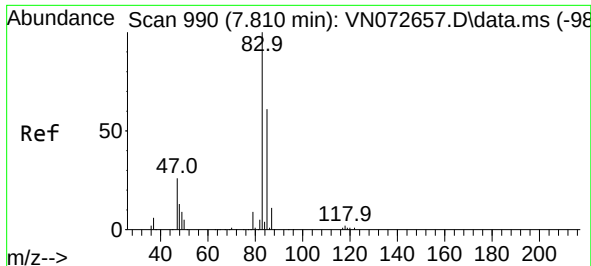
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022



#24
Methyl tert-Butyl Ether
Concen: 177.214 ug/l
RT: 5.610 min Scan# 616
Delta R.T. 0.006 min
Lab File: VN072660.D
Acq: 06 Jun 2022 12:29

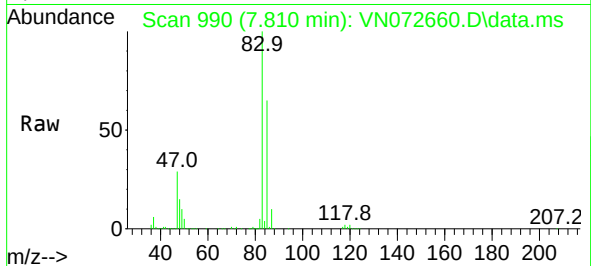
Tgt Ion: 73 Resp: 1895197
Ion Ratio Lower Upper
73 100
43 24.4 18.1 27.1





#25
Chloroform
Concen: 153.958 ug/l
RT: 7.810 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN072660.D
Acq: 06 Jun 2022 12:29

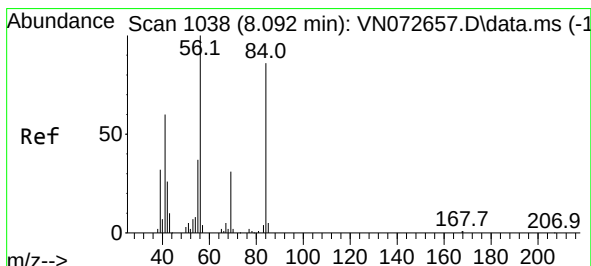
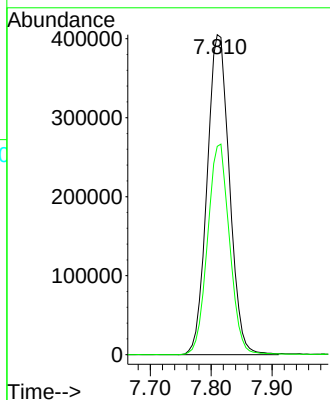
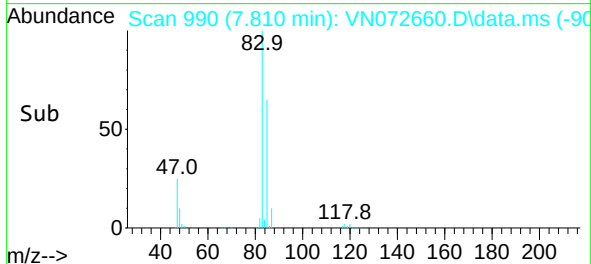
Instrument :
MSVOA_N
Client Sample Id :
VSTDIC150



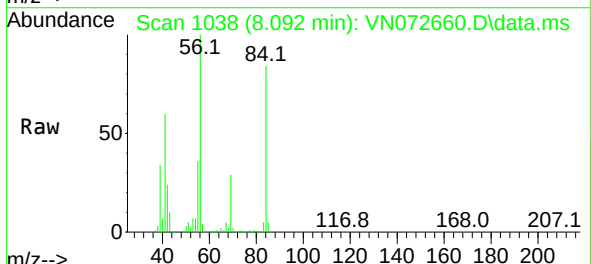
Tgt Ion: 83 Resp: 1032564
Ion Ratio Lower Upper
83 100
85 65.1 51.3 76.9

Manual Integrations
APPROVED

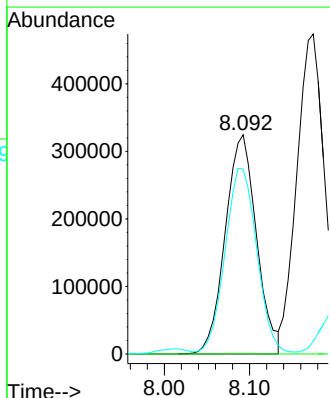
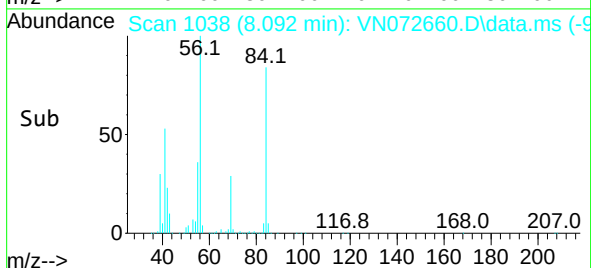
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022

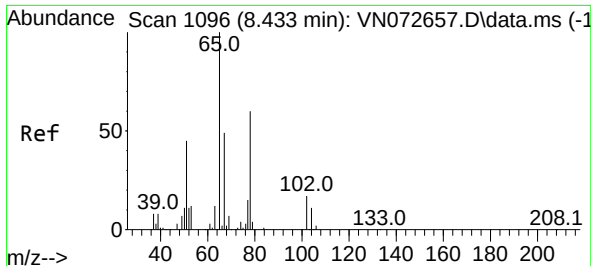


#26
Cyclohexane
Concen: 135.713 ug/l
RT: 8.092 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VN072660.D
Acq: 06 Jun 2022 12:29



Tgt Ion: 56 Resp: 825721
Ion Ratio Lower Upper
56 100
89 0.2 0.1 0.1#
84 86.7 74.6 111.8





#27

1,2-Dichloroethane-d4

Concen: 32.746 ug/l

RT: 8.433 min Scan# 1096

Delta R.T. 0.000 min

Lab File: VN072660.D

Acq: 06 Jun 2022 12:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tgt Ion: 65 Resp: 14751

Ion Ratio Lower Upper

65 100

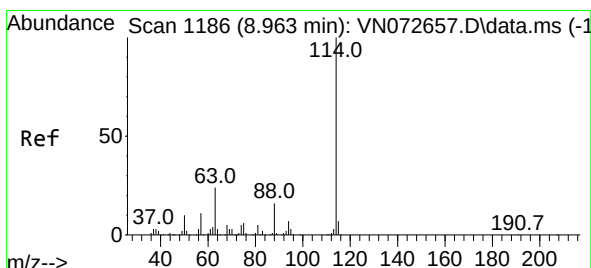
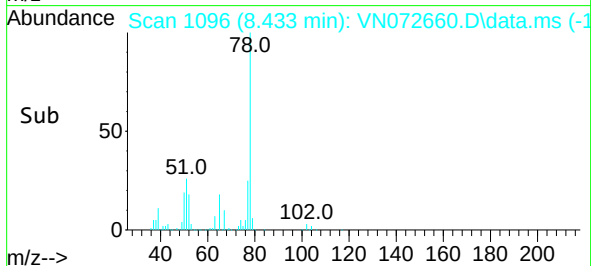
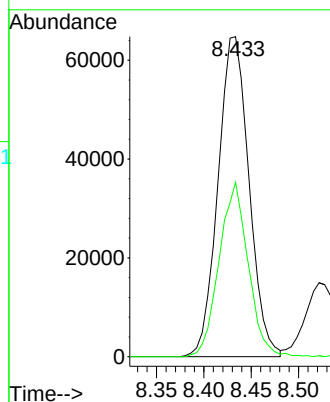
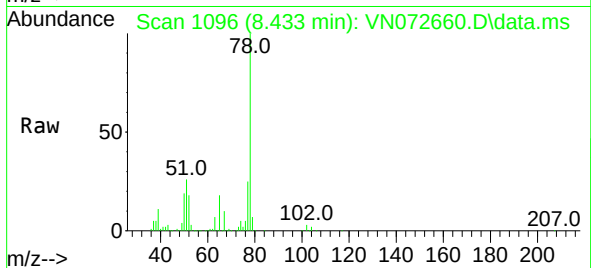
67 51.1 40.2 60.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/07/2022

Supervised By :Mahesh Dadoda 06/07/2022



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. 0.000 min

Lab File: VN072660.D

Acq: 06 Jun 2022 12:29

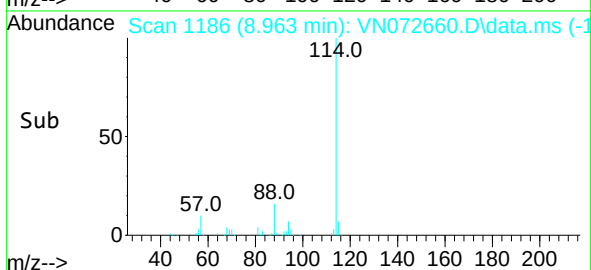
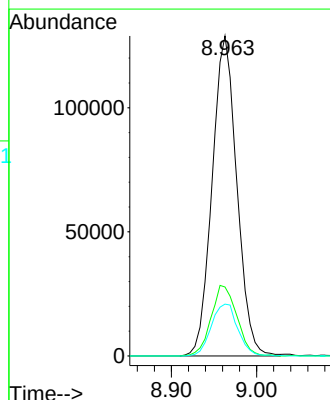
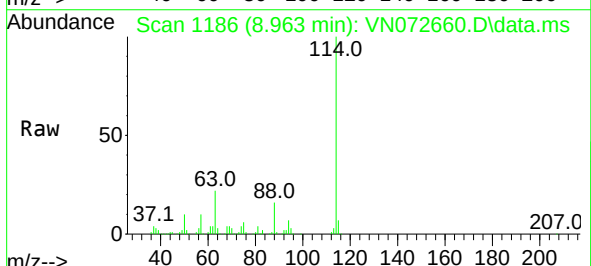
Tgt Ion:114 Resp: 259607

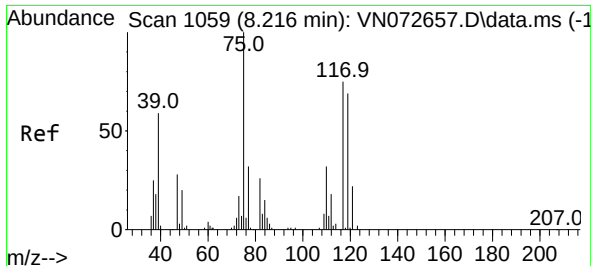
Ion Ratio Lower Upper

114 100

63 23.0 15.8 23.6

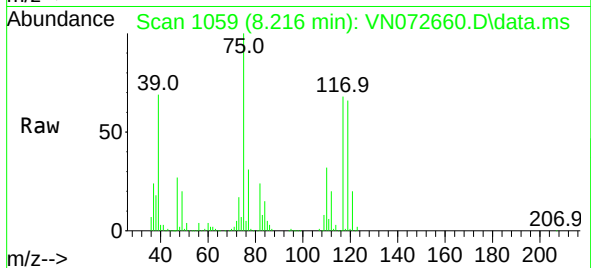
88 17.3 11.6 17.4





#29
1,1-Dichloropropene
Concen: 153.488 ug/l
RT: 8.216 min Scan# 1059
Delta R.T. 0.000 min
Lab File: VN072660.D
Acq: 06 Jun 2022 12:29

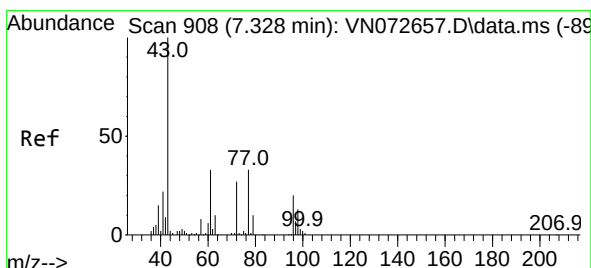
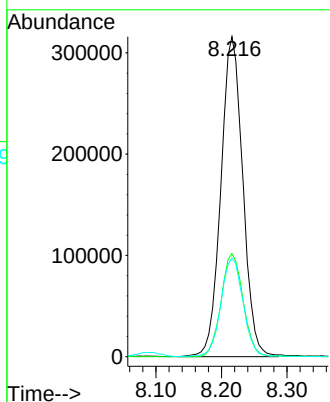
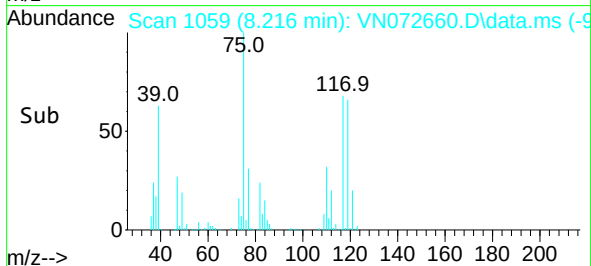
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



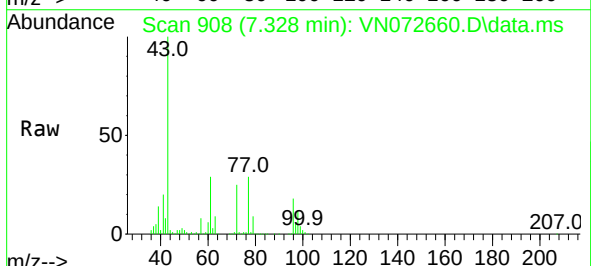
Tgt Ion: 75 Resp: 73366
Ion Ratio Lower Upper
75 100
110 32.2 0.0 74.2
77 31.0 0.0 63.2

Manual Integrations
APPROVED

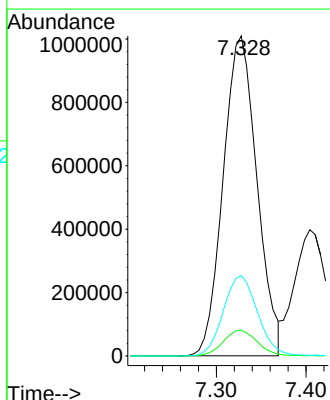
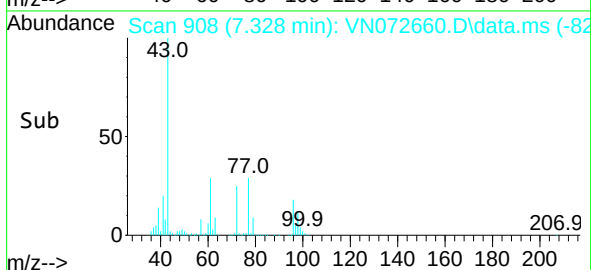
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022

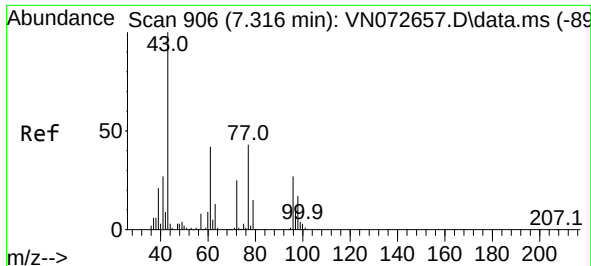


#30
2-Butanone
Concen: 811.106 ug/l
RT: 7.328 min Scan# 908
Delta R.T. 0.000 min
Lab File: VN072660.D
Acq: 06 Jun 2022 12:29



Tgt Ion: 43 Resp: 2637471
Ion Ratio Lower Upper
43 100
57 8.2 6.7 10.1
72 25.5 23.2 34.8





#31

2,2-Dichloropropane

Concen: 191.851 ug/l

RT: 7.316 min Scan# 906

Delta R.T. 0.000 min

Lab File: VN072660.D

Acq: 06 Jun 2022 12:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tgt Ion: 77 Resp: 98761

Ion Ratio Lower Upper

77 100

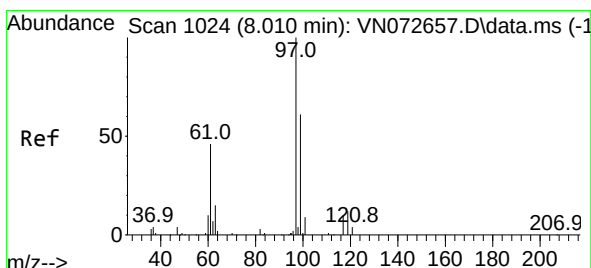
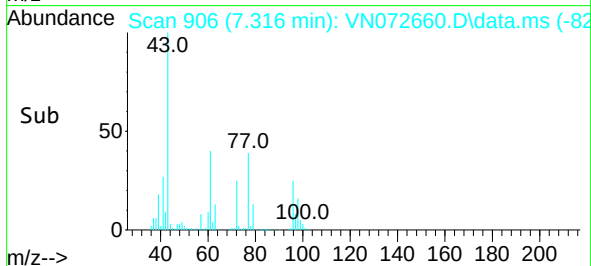
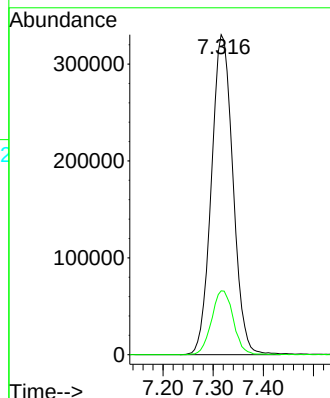
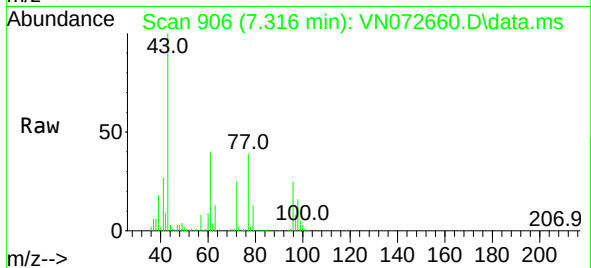
97 20.0 18.3 27.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/07/2022

Supervised By :Mahesh Dadoda 06/07/2022



#32

1,1,1-Trichloroethane

Concen: 173.297 ug/l

RT: 8.010 min Scan# 1024

Delta R.T. 0.000 min

Lab File: VN072660.D

Acq: 06 Jun 2022 12:29

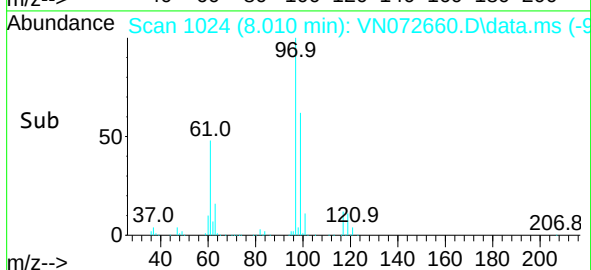
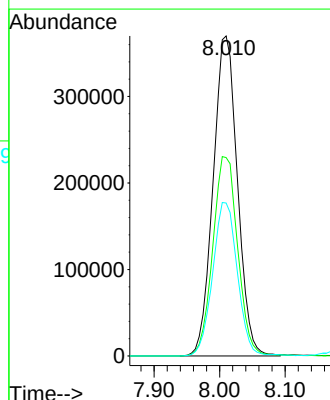
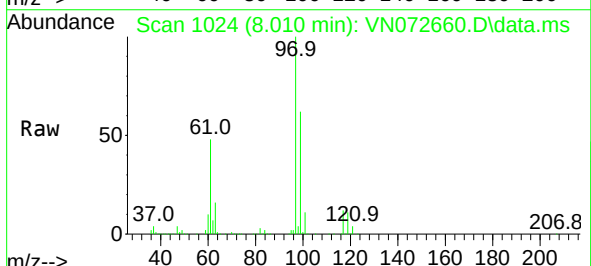
Tgt Ion: 97 Resp: 953077

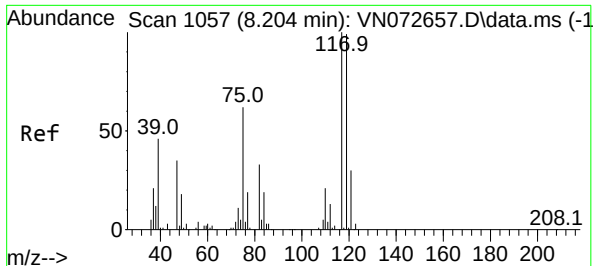
Ion Ratio Lower Upper

97 100

99 63.8 50.4 75.6

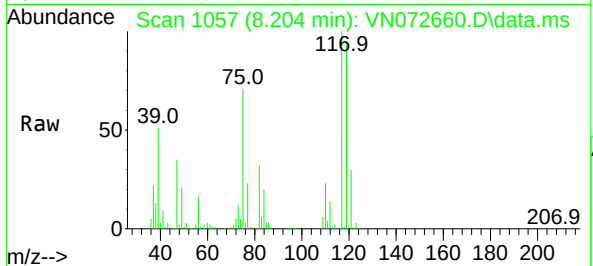
61 48.5 34.6 51.8





#33
Carbon Tetrachloride
Concen: 168.559 ug/l
RT: 8.204 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN072660.D
Acq: 06 Jun 2022 12:29

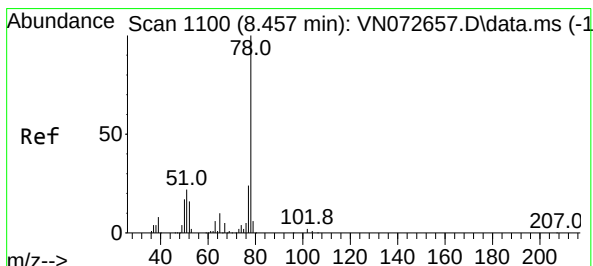
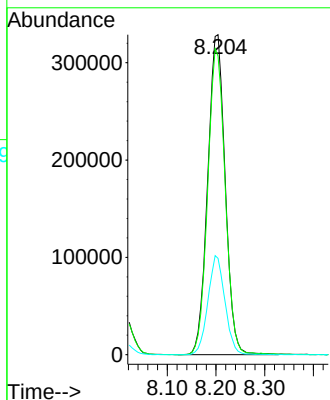
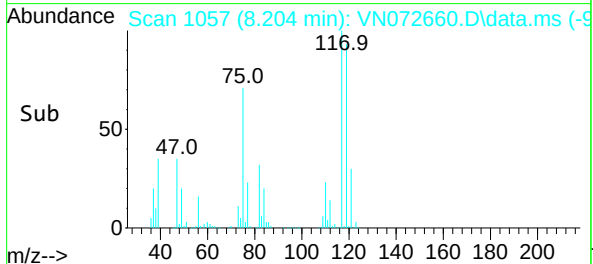
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



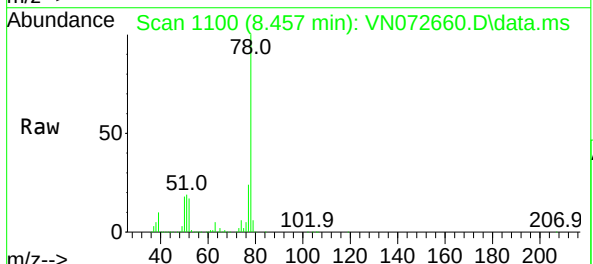
Tgt Ion: 117 Resp: 819310
Ion Ratio Lower Upper
117 100
119 93.3 77.5 116.3
121 30.1 23.5 35.3

Manual Integrations
APPROVED

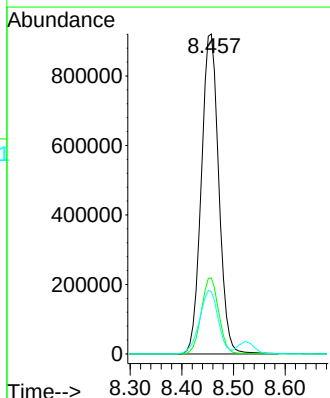
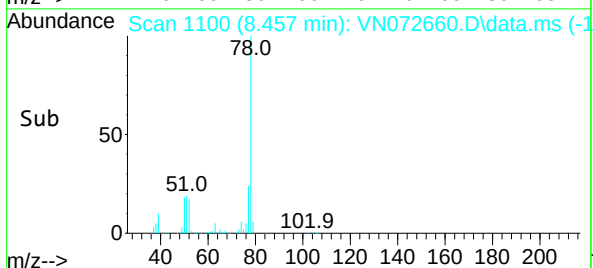
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022

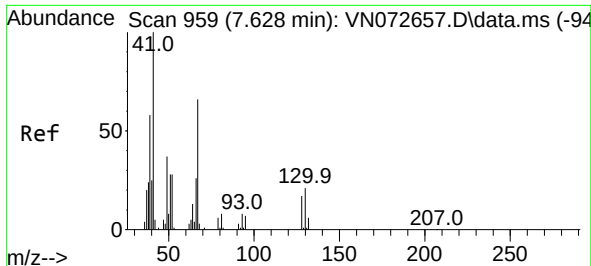


#34
Benzene
Concen: 145.091 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN072660.D
Acq: 06 Jun 2022 12:29



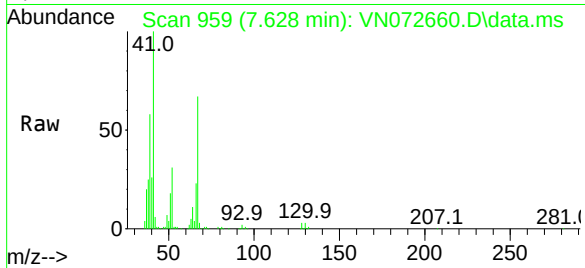
Tgt Ion: 78 Resp: 2157726
Ion Ratio Lower Upper
78 100
77 23.7 19.1 28.7
51 19.4 16.0 24.0





#35
Methacrylonitrile
Concen: 156.294 ug/l
RT: 7.628 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN072660.D
Acq: 06 Jun 2022 12:29

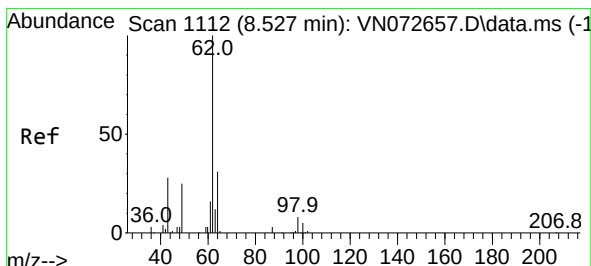
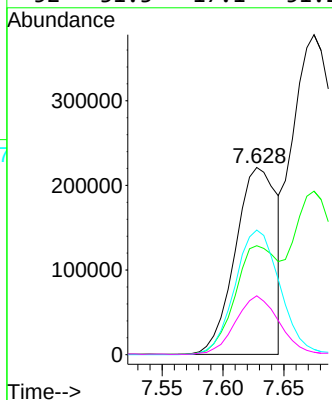
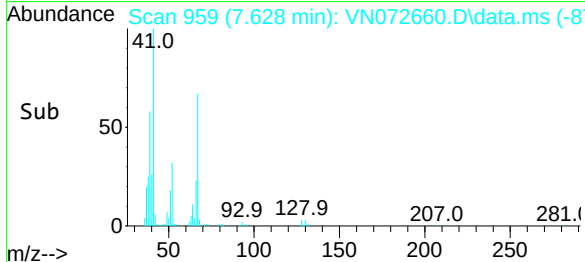
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



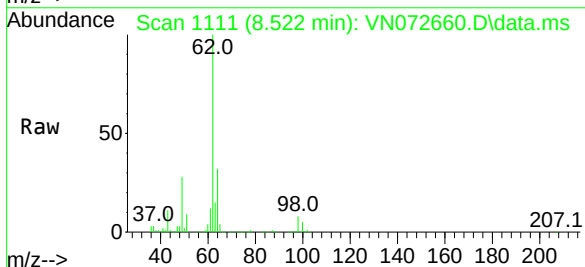
Tgt Ion: 41 Resp: 522670
Ion Ratio Lower Upper
41 100
39 58.1 28.0 83.9
67 66.7 37.7 113.1
52 31.3 17.1 51.2

Manual Integrations
APPROVED

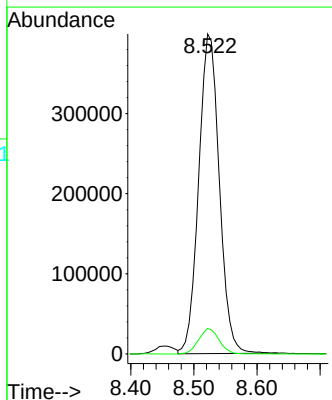
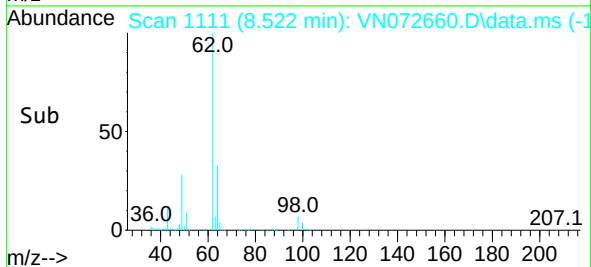
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022

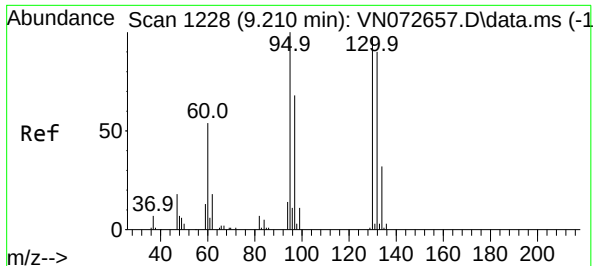


#36
1,2-Dichloroethane
Concen: 175.754 ug/l
RT: 8.522 min Scan# 1111
Delta R.T. -0.006 min
Lab File: VN072660.D
Acq: 06 Jun 2022 12:29



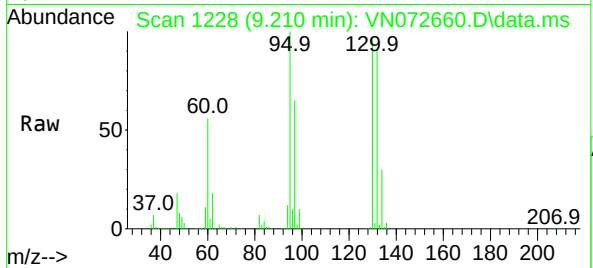
Tgt Ion: 62 Resp: 903282
Ion Ratio Lower Upper
62 100
98 7.9 6.6 10.0





#37
Trichloroethene
Concen: 148.703 ug/l
RT: 9.210 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VN072660.D
Acq: 06 Jun 2022 12:29

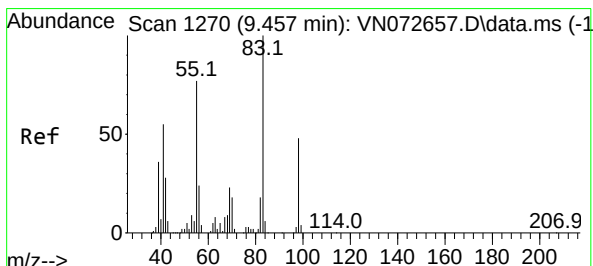
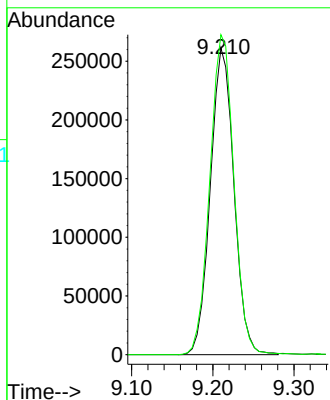
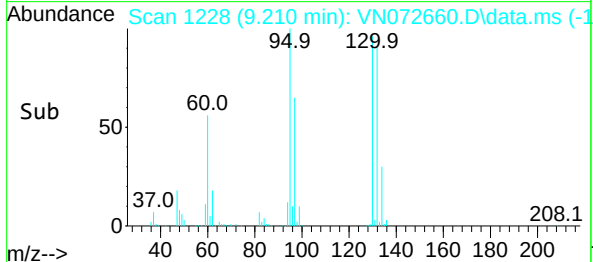
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



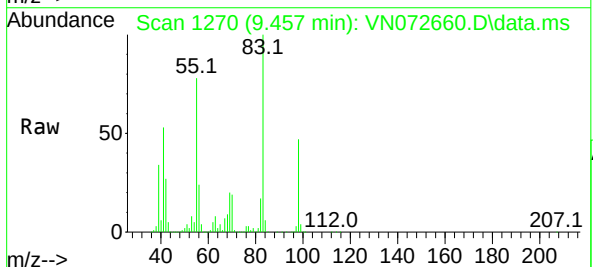
Tgt Ion:130 Resp: 528036
Ion Ratio Lower Upper
130 100
95 104.3 76.6 115.0

Manual Integrations
APPROVED

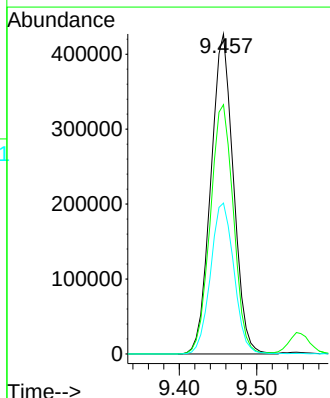
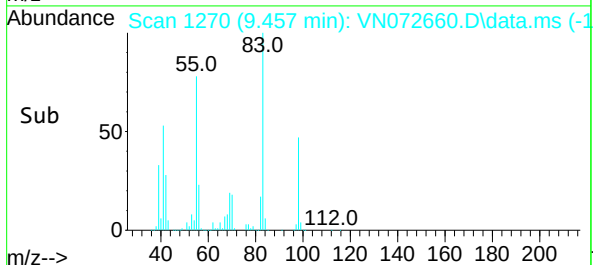
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022

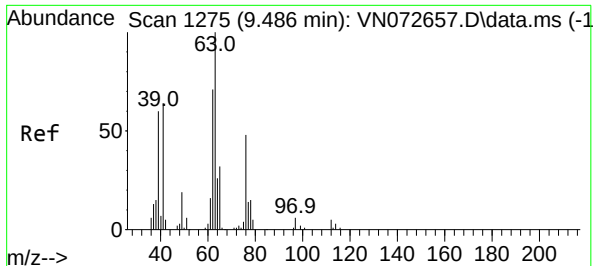


#38
Methylcyclohexane
Concen: 146.564 ug/l
RT: 9.457 min Scan# 1270
Delta R.T. 0.000 min
Lab File: VN072660.D
Acq: 06 Jun 2022 12:29



Tgt Ion: 83 Resp: 865054
Ion Ratio Lower Upper
83 100
55 79.9 35.1 105.3
98 48.8 23.4 70.2





#39

1,2-Dichloropropane

Concen: 148.443 ug/l

RT: 9.486 min Scan# 1275

Delta R.T. 0.000 min

Lab File: VN072660.D

Acq: 06 Jun 2022 12:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tgt Ion: 63 Resp: 59255

Ion Ratio Lower Upper

63 100

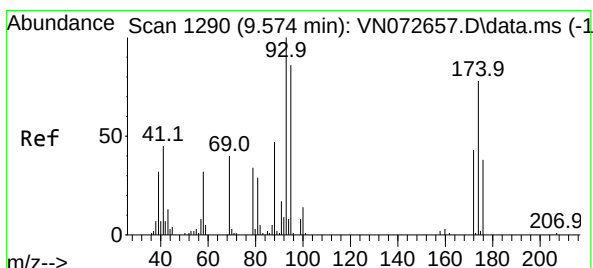
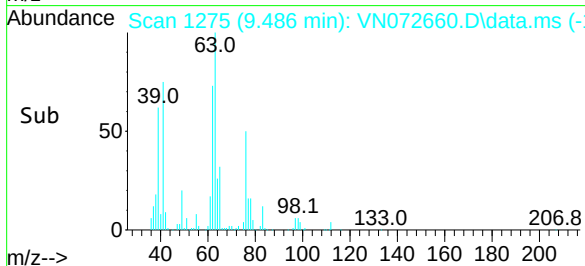
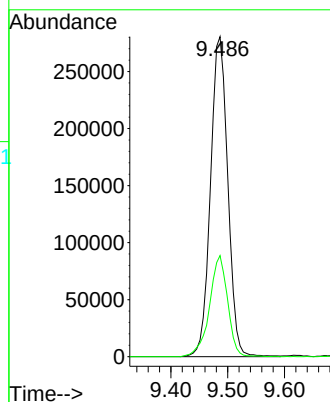
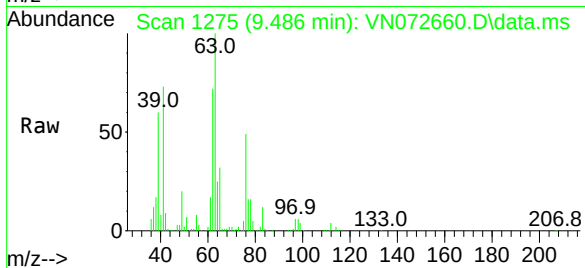
65 31.6 24.2 36.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/07/2022

Supervised By :Mahesh Dadoda 06/07/2022



#40

Dibromomethane

Concen: 159.582 ug/l

RT: 9.569 min Scan# 1289

Delta R.T. -0.006 min

Lab File: VN072660.D

Acq: 06 Jun 2022 12:29

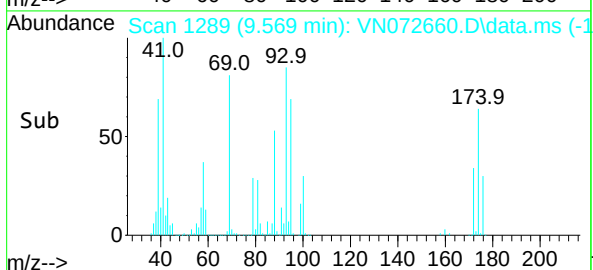
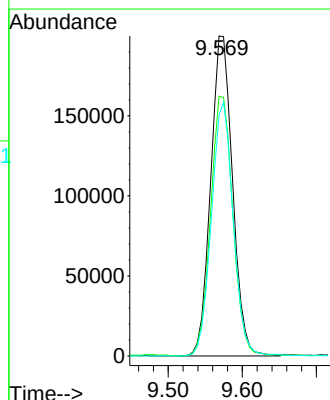
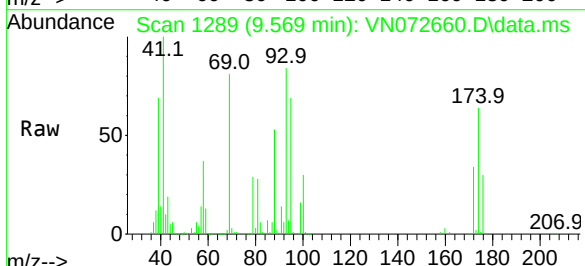
Tgt Ion: 93 Resp: 410483

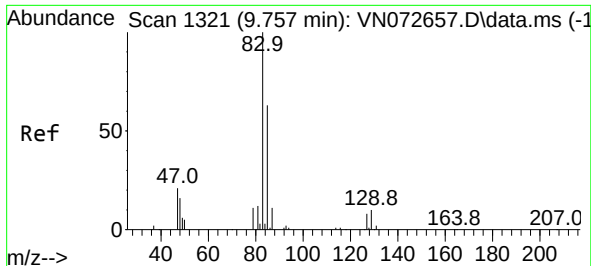
Ion Ratio Lower Upper

93 100

95 82.5 0.0 168.8

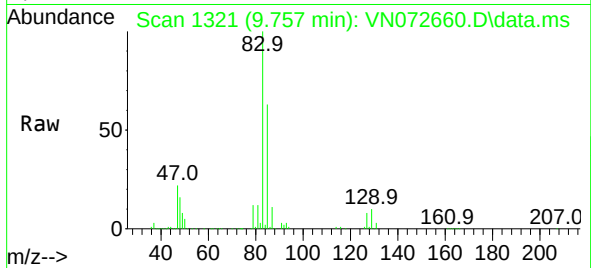
174 78.6 0.0 173.6





#41
Bromodichloromethane
Concen: 169.690 ug/l
RT: 9.757 min Scan# 1321
Delta R.T. 0.000 min
Lab File: VN072660.D
Acq: 06 Jun 2022 12:29

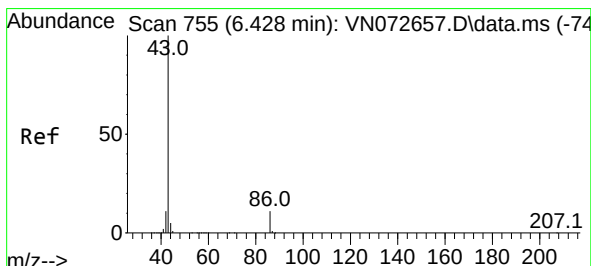
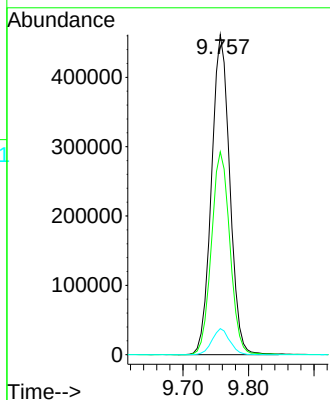
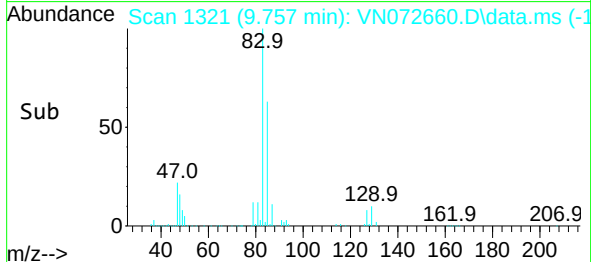
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



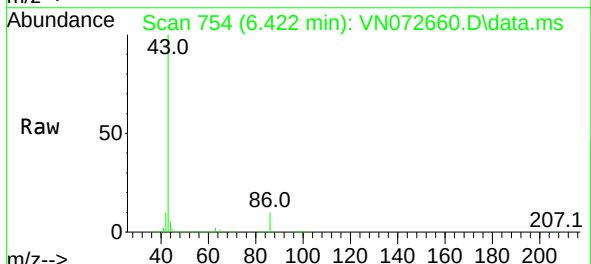
Tgt Ion: 83 Resp: 89195
Ion Ratio Lower Upper
83 100
85 63.4 54.1 81.1
127 8.1 7.6 11.4

Manual Integrations
APPROVED

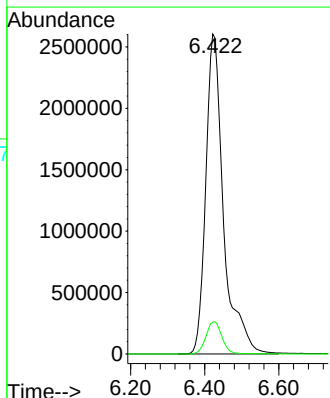
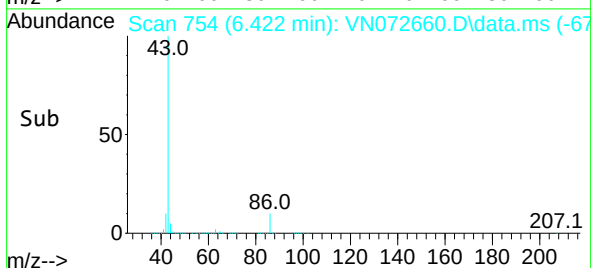
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022

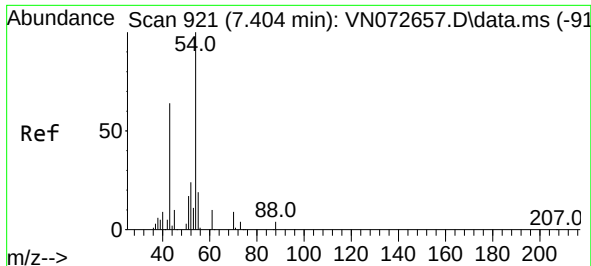


#42
Vinyl Acetate
Concen: 812.005 ug/l
RT: 6.422 min Scan# 754
Delta R.T. -0.006 min
Lab File: VN072660.D
Acq: 06 Jun 2022 12:29



Tgt Ion: 43 Resp: 8662688
Ion Ratio Lower Upper
43 100
86 9.1 7.5 11.3





#43

Ethyl Acetate

Concen: 163.740 ug/l

RT: 7.404 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN072660.D

Acq: 06 Jun 2022 12:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC150

Tgt Ion: 43 Resp: 1037830

Ion Ratio Lower Upper

43 100

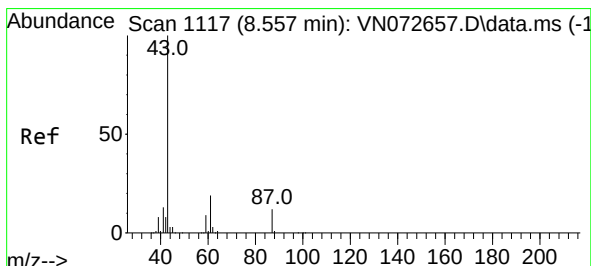
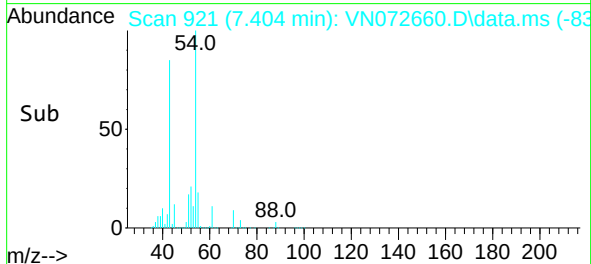
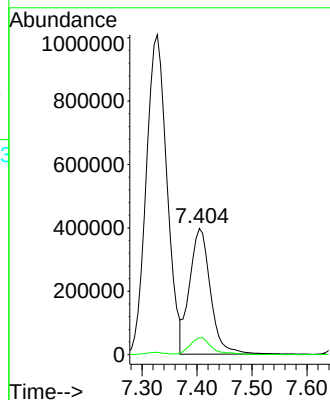
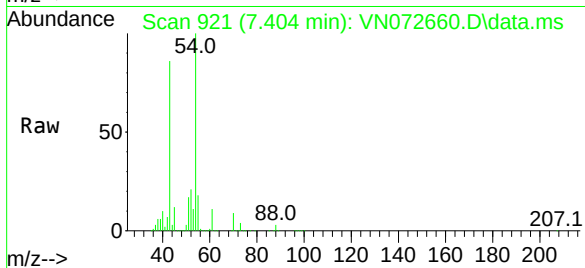
45 14.4 10.6 16.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/07/2022

Supervised By :Mahesh Dadoda 06/07/2022



#44

Isopropyl Acetate

Concen: 170.267 ug/l

RT: 8.557 min Scan# 1117

Delta R.T. 0.000 min

Lab File: VN072660.D

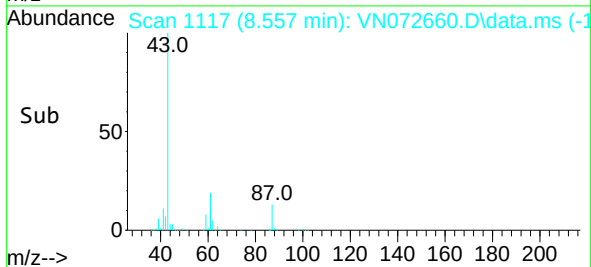
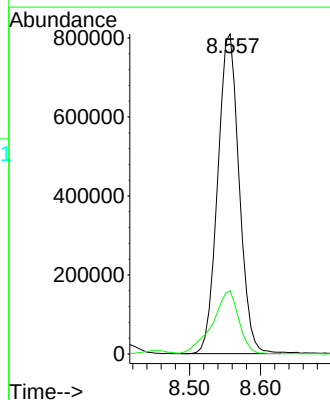
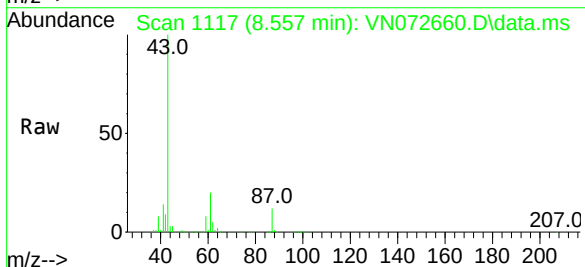
Acq: 06 Jun 2022 12:29

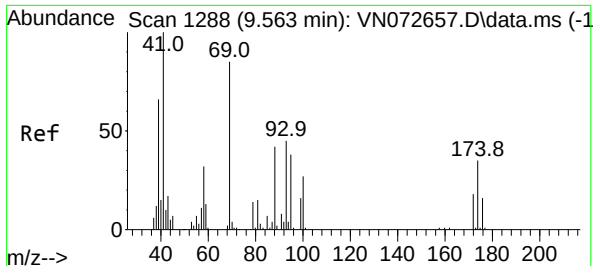
Tgt Ion: 43 Resp: 1695959

Ion Ratio Lower Upper

43 100

61 24.4 20.1 30.1





#45

1,4-Dioxane

Concen: 3312.472 ug/l

RT: 9.563 min Scan# 1288

Delta R.T. 0.000 min

Lab File: VN072660.D

Acq: 06 Jun 2022 12:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tgt Ion: 88 Resp: 27633

Ion Ratio Lower Upper

88 100

43 35.4 25.0 37.6

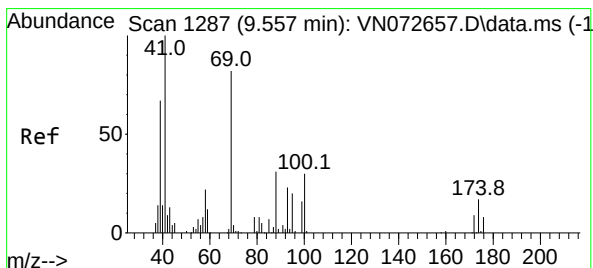
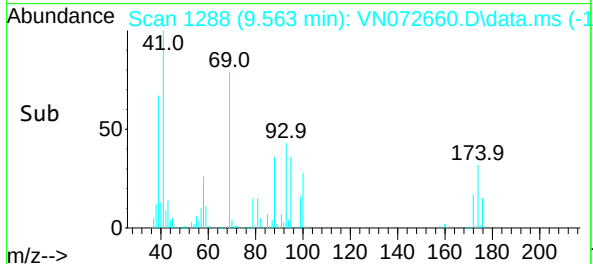
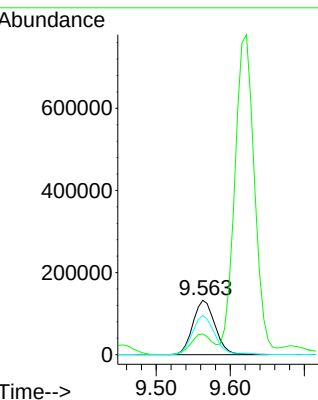
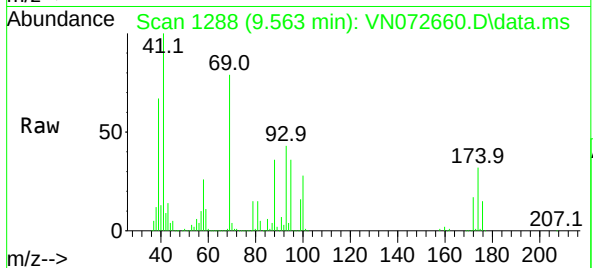
58 71.3 49.4 74.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/07/2022

Supervised By :Mahesh Dadoda 06/07/2022



#46

Methyl methacrylate

Concen: 168.208 ug/l

RT: 9.557 min Scan# 1287

Delta R.T. 0.000 min

Lab File: VN072660.D

Acq: 06 Jun 2022 12:29

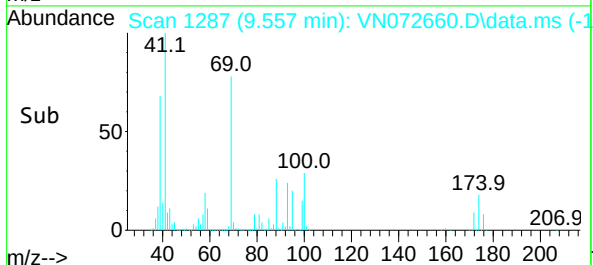
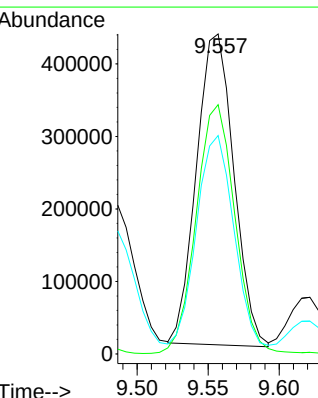
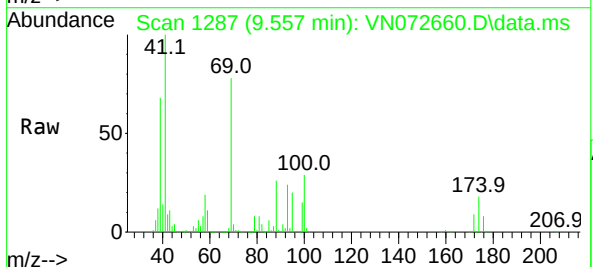
Tgt Ion: 41 Resp: 785569

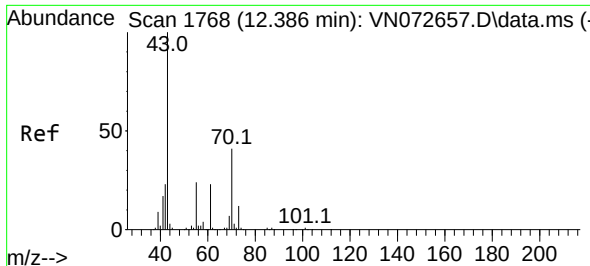
Ion Ratio Lower Upper

41 100

69 78.9 44.4 133.2

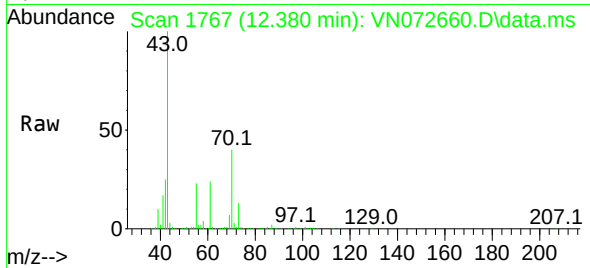
39 67.9 39.9 119.6





#47
n-amy1 Acetate
Concen: 184.861 ug/l
RT: 12.380 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN072660.D
Acq: 06 Jun 2022 12:29

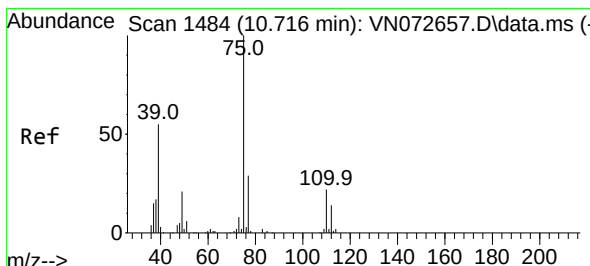
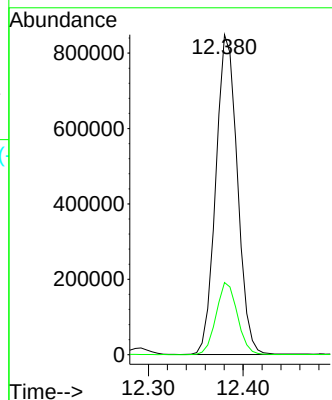
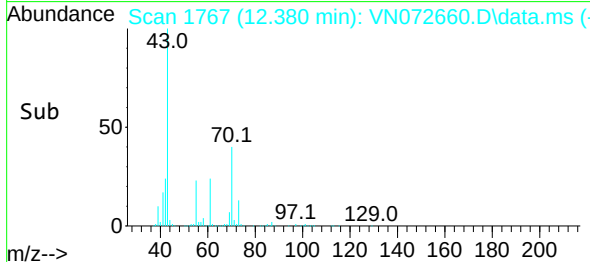
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



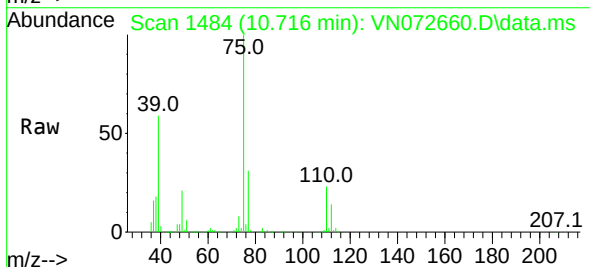
Tgt Ion: 43 Resp: 134241
Ion Ratio Lower Upper
43 100
55 22.3 19.0 28.6

Manual Integrations
APPROVED

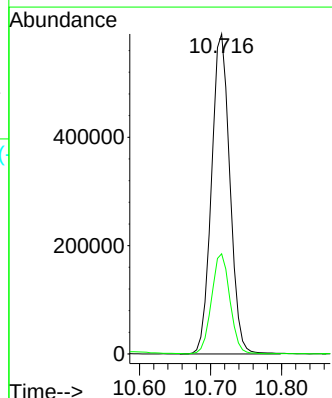
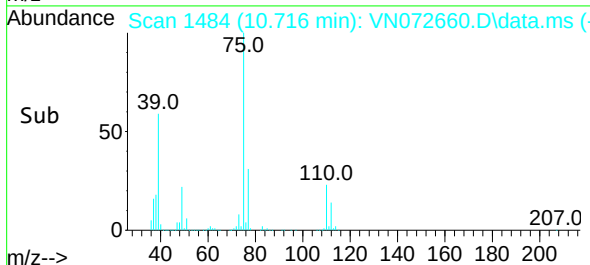
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022

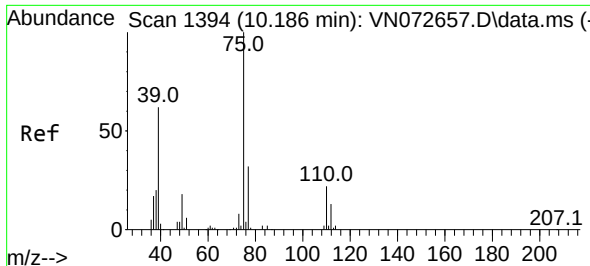


#48
t-1,3-Dichloropropene
Concen: 184.752 ug/l
RT: 10.716 min Scan# 1484
Delta R.T. 0.000 min
Lab File: VN072660.D
Acq: 06 Jun 2022 12:29



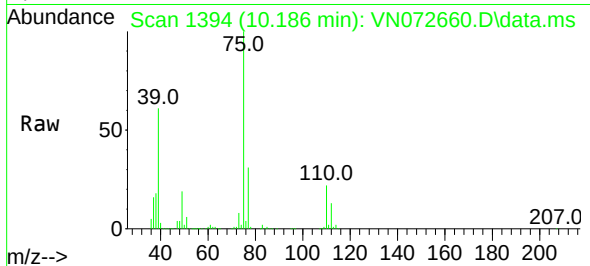
Tgt Ion: 75 Resp: 1060018
Ion Ratio Lower Upper
75 100
77 31.2 25.3 37.9





#49
cis-1,3-Dichloropropene
Concen: 170.206 ug/l
RT: 10.186 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VN072660.D
Acq: 06 Jun 2022 12:29

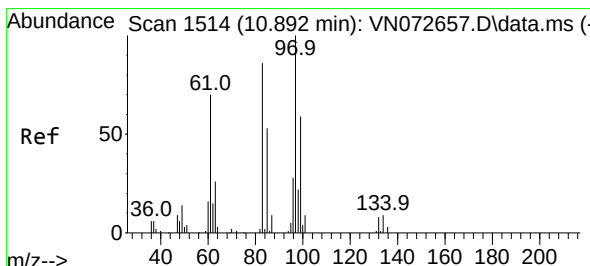
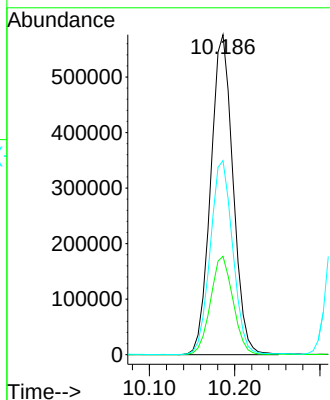
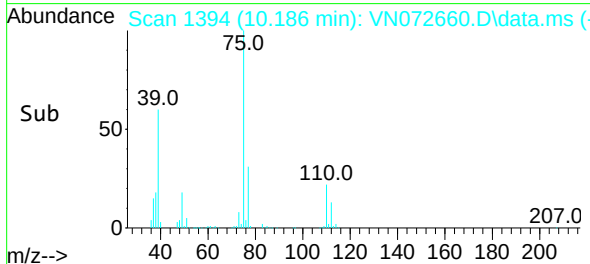
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



Tgt Ion: 75 Resp: 1050589
Ion Ratio Lower Upper
75 100
77 30.8 25.3 37.9
39 60.6 46.2 69.4

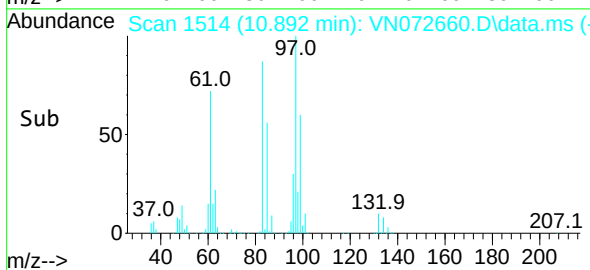
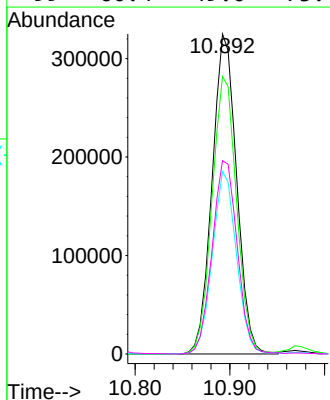
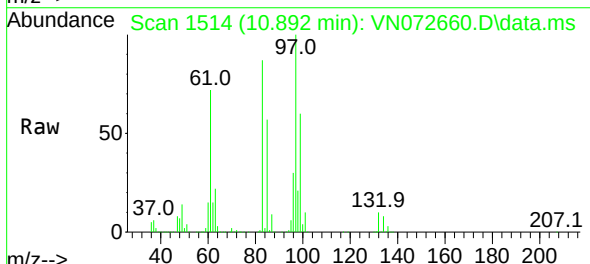
Manual Integrations
APPROVED

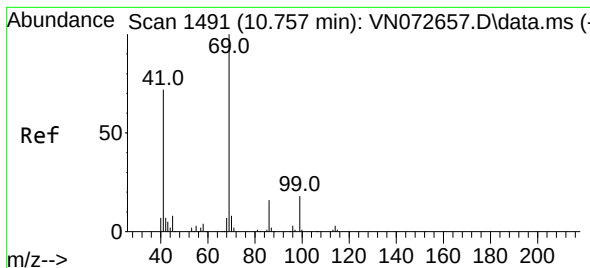
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022



#50
1,1,2-Trichloroethane
Concen: 155.260 ug/l
RT: 10.892 min Scan# 1514
Delta R.T. 0.000 min
Lab File: VN072660.D
Acq: 06 Jun 2022 12:29

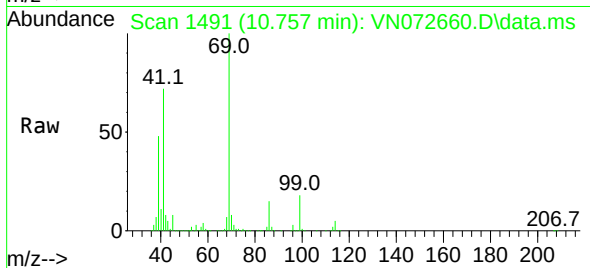
Tgt Ion: 97 Resp: 583374
Ion Ratio Lower Upper
97 100
83 86.6 67.2 100.8
85 56.9 43.0 64.4
99 60.4 49.0 73.4





#51
Ethyl methacrylate
Concen: 169.725 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. 0.000 min
Lab File: VN072660.D
Acq: 06 Jun 2022 12:29

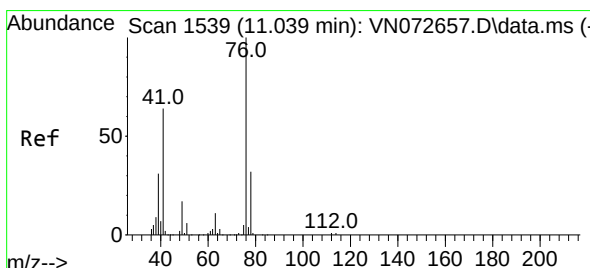
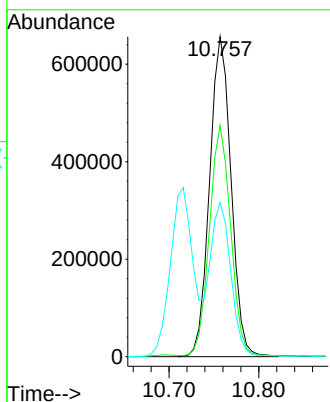
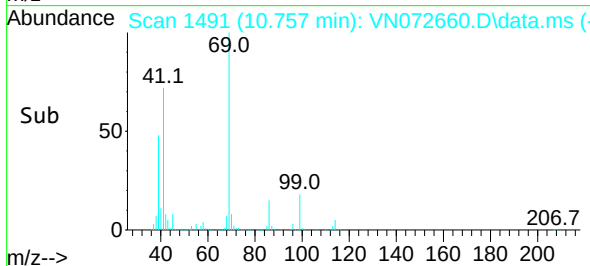
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



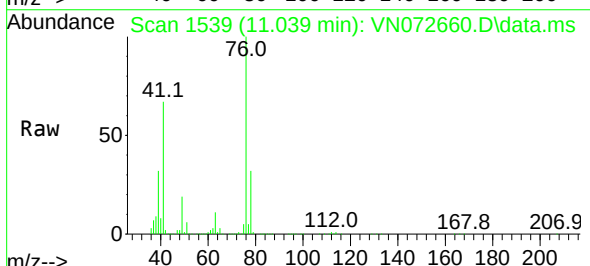
Tgt Ion: 69 Resp: 1092690
Ion Ratio Lower Upper
69 100
41 71.9 33.0 98.9
39 47.9 25.4 76.4

Manual Integrations
APPROVED

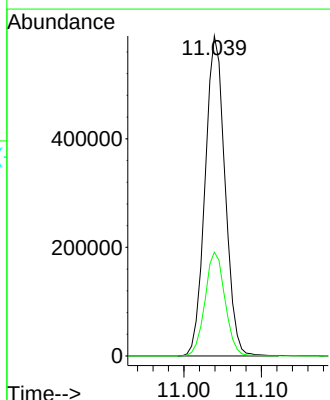
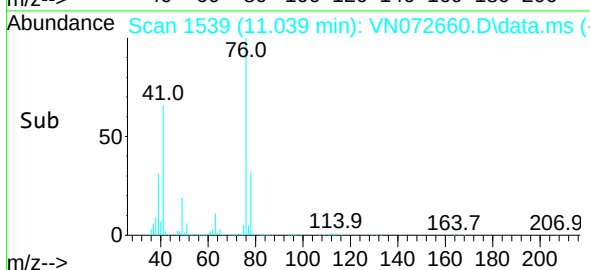
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022

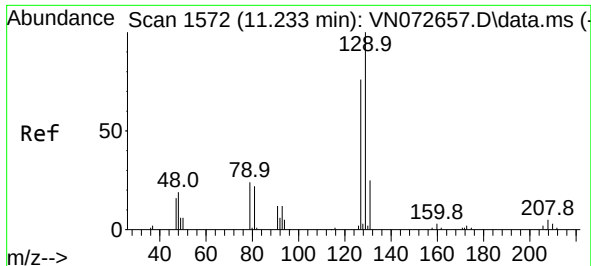


#52
1,3-Dichloropropane
Concen: 157.857 ug/l
RT: 11.039 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VN072660.D
Acq: 06 Jun 2022 12:29



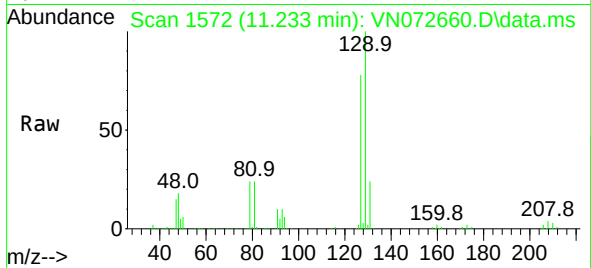
Tgt Ion: 76 Resp: 1050660
Ion Ratio Lower Upper
76 100
78 32.6 0.0 65.4





#53
Dibromochloromethane
Concen: 171.486 ug/l
RT: 11.233 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN072660.D
Acq: 06 Jun 2022 12:29

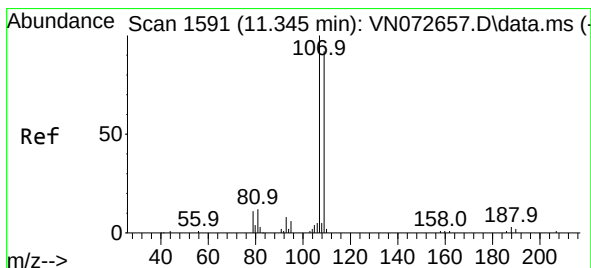
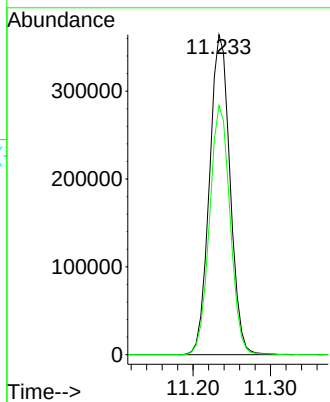
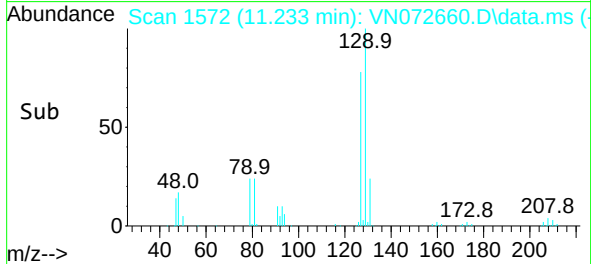
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



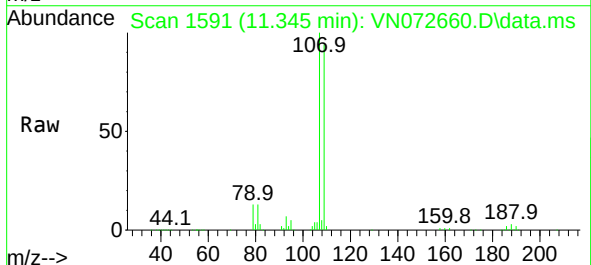
Tgt Ion:129 Resp: 67079
Ion Ratio Lower Upper
129 100
127 77.7 39.0 117.0

Manual Integrations
APPROVED

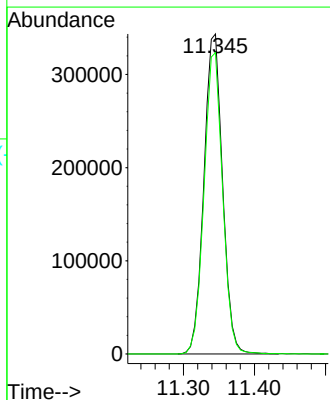
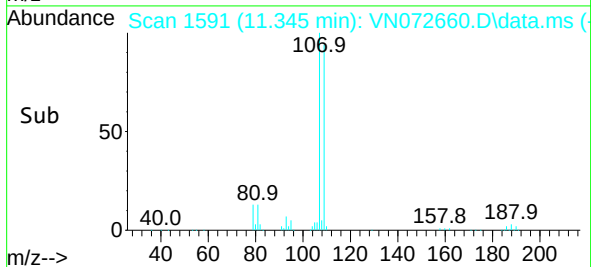
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022

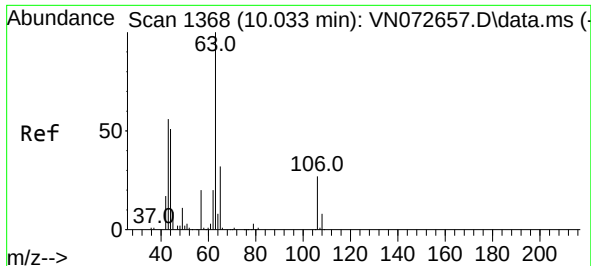


#54
1,2-Dibromoethane
Concen: 162.396 ug/l
RT: 11.345 min Scan# 1591
Delta R.T. 0.000 min
Lab File: VN072660.D
Acq: 06 Jun 2022 12:29



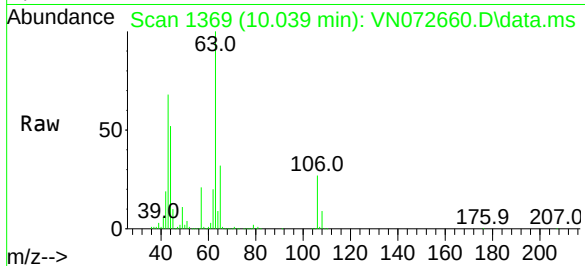
Tgt Ion:107 Resp: 627481
Ion Ratio Lower Upper
107 100
109 93.8 72.8 109.2





#55
2-Chloroethyl vinyl ether
Concen: 861.412 ug/l
RT: 10.039 min Scan# 1368
Delta R.T. 0.006 min
Lab File: VN072660.D
Acq: 06 Jun 2022 12:29

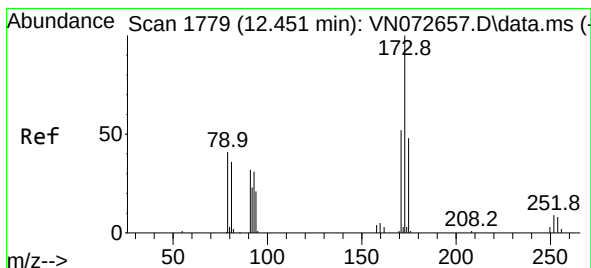
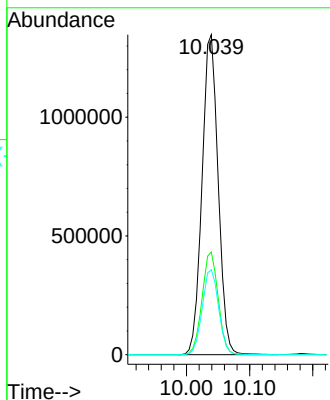
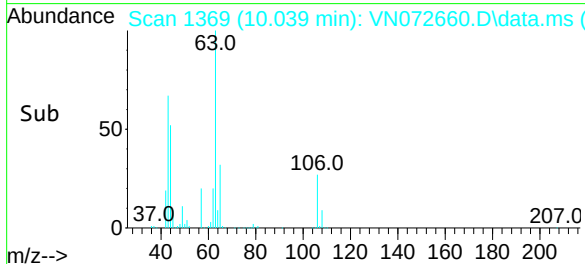
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



Tgt Ion: 63 Resp: 238559
Ion Ratio Lower Upper
63 100
65 32.1 25.4 38.0
106 27.1 23.2 34.8

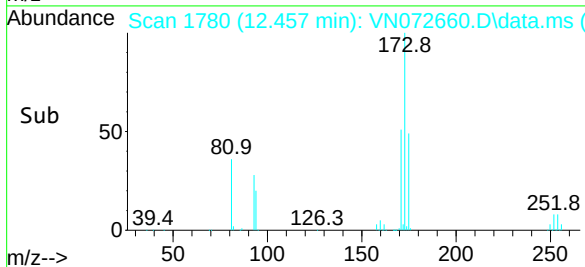
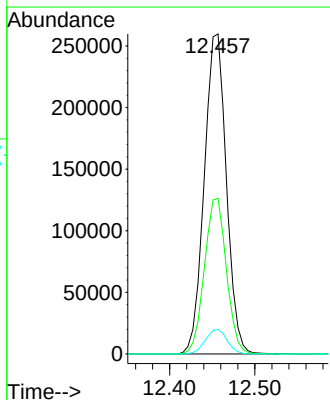
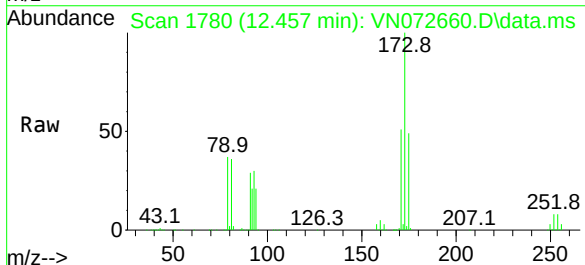
Manual Integrations
APPROVED

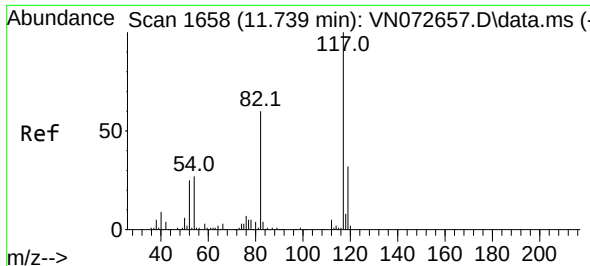
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022



#56
Bromoform
Concen: 168.596 ug/l
RT: 12.457 min Scan# 1780
Delta R.T. 0.006 min
Lab File: VN072660.D
Acq: 06 Jun 2022 12:29

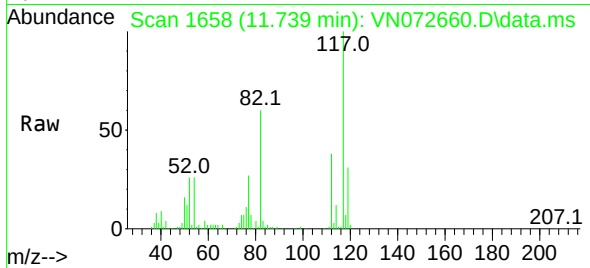
Tgt Ion:173 Resp: 468209
Ion Ratio Lower Upper
173 100
175 48.3 38.6 58.0
254 7.6 0.0 0.0#





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.739 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VN072660.D
Acq: 06 Jun 2022 12:29

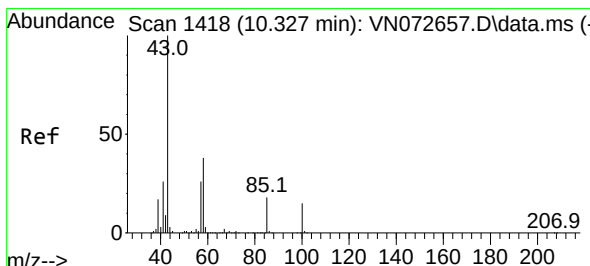
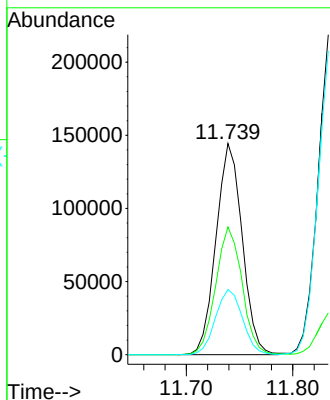
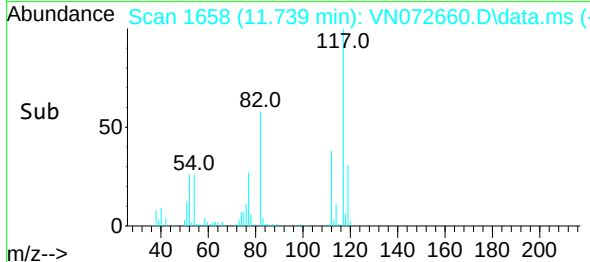
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



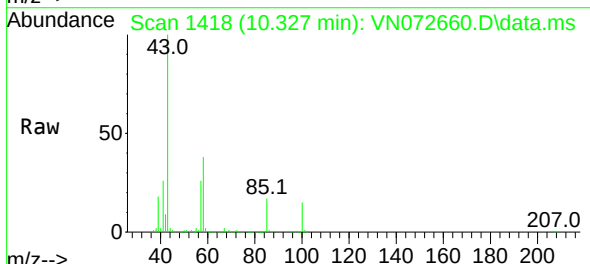
Tgt Ion: 117 Resp: 246319
Ion Ratio Lower Upper
117 100
82 60.9 43.6 65.4
119 31.8 25.8 38.6

Manual Integrations
APPROVED

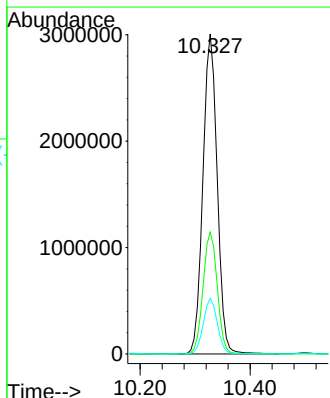
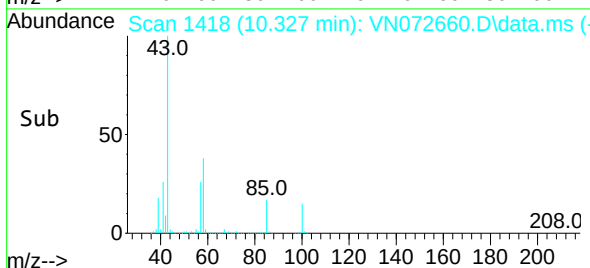
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022

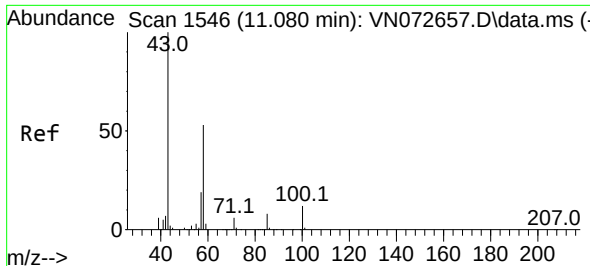


#58
4-Methyl-2-Pentanone
Concen: 764.235 ug/l
RT: 10.327 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VN072660.D
Acq: 06 Jun 2022 12:29



Tgt Ion: 43 Resp: 5421190
Ion Ratio Lower Upper
43 100
58 38.0 30.0 45.0
85 17.1 15.0 22.6





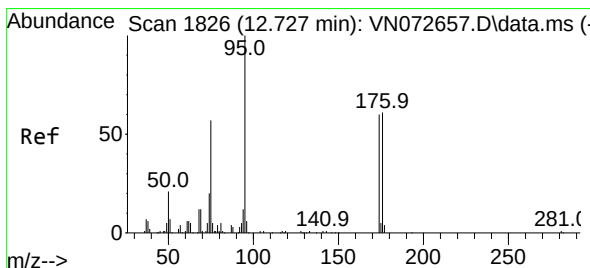
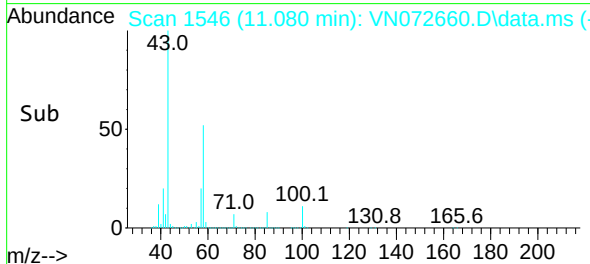
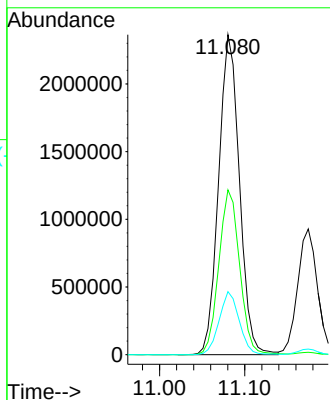
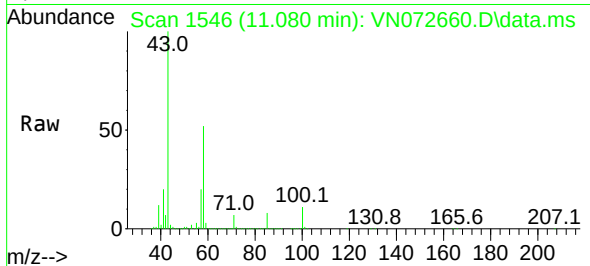
#59
2-Hexanone
Concen: 785.106 ug/l
RT: 11.080 min Scan# 1546
Delta R.T. 0.000 min
Lab File: VN072660.D
Acq: 06 Jun 2022 12:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion: 43 Resp: 4010758
Ion Ratio Lower Upper
43 100
58 51.7 42.2 63.2
57 19.2 15.0 22.4

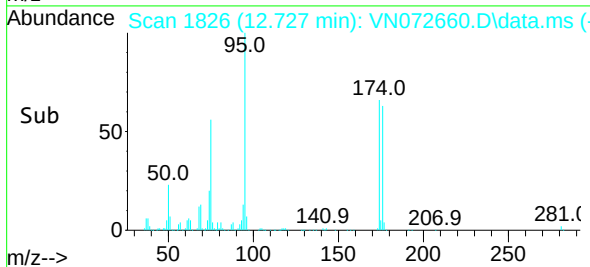
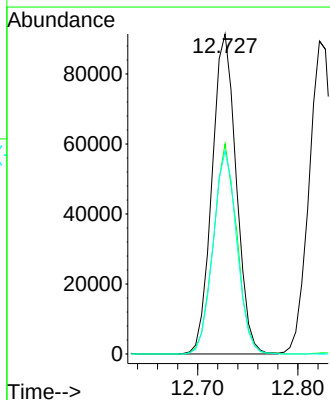
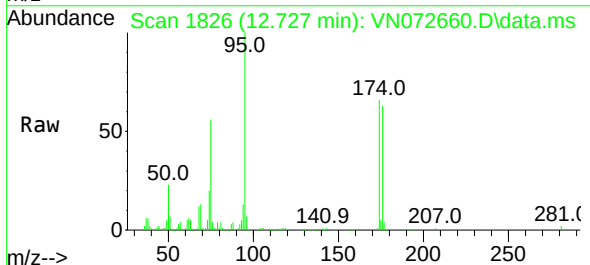
Manual Integrations
APPROVED

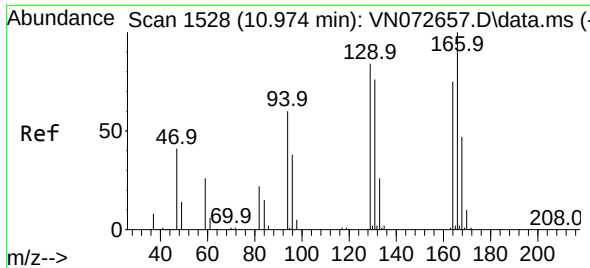
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022



#60
4-Bromofluorobenzene
Concen: 34.617 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072660.D
Acq: 06 Jun 2022 12:29

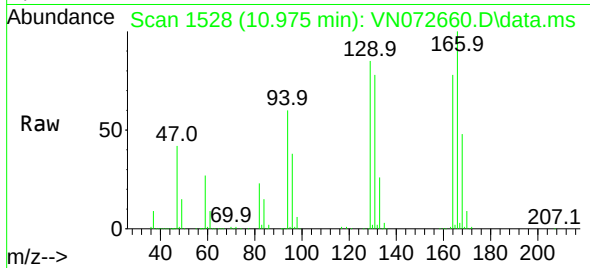
Tgt Ion: 95 Resp: 153565
Ion Ratio Lower Upper
95 100
174 63.6 62.9 94.3
176 62.3 61.0 91.4





#61
Tetrachloroethene
Concen: 134.196 ug/l
RT: 10.975 min Scan# 1528
Delta R.T. 0.000 min
Lab File: VN072660.D
Acq: 06 Jun 2022 12:29

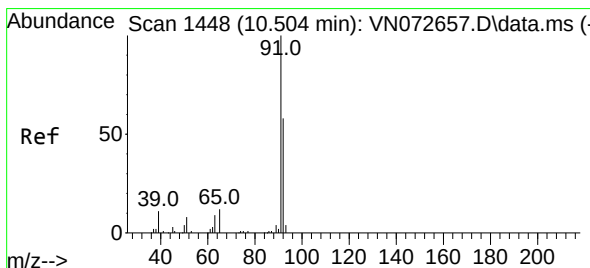
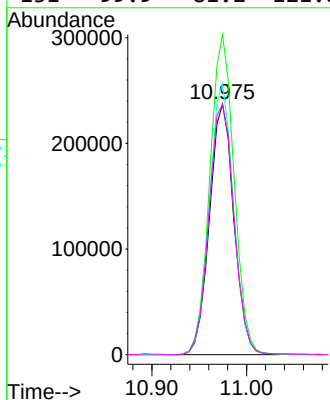
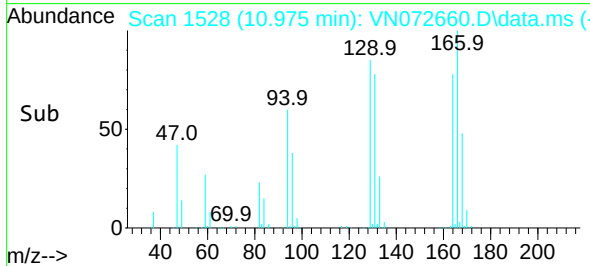
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



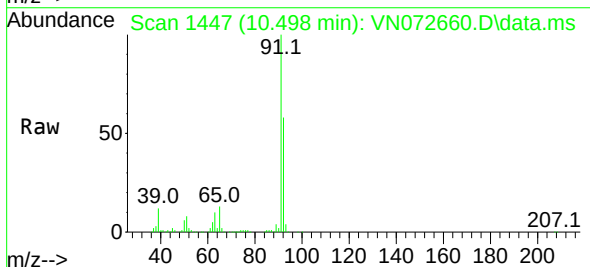
Tgt Ion:164 Resp: 42288
Ion Ratio Lower Upper
164 100
166 127.7 105.8 158.8
129 108.2 82.5 123.7
131 99.9 81.2 121.8

Manual Integrations
APPROVED

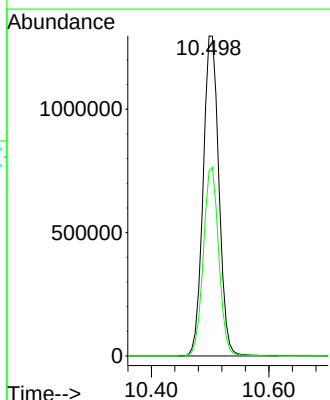
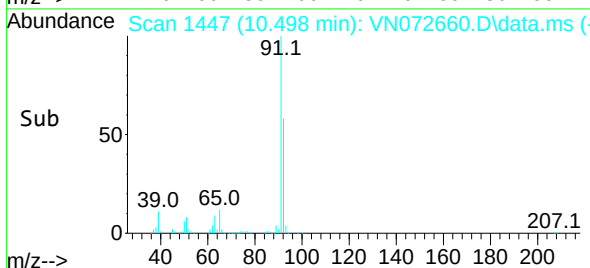
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022

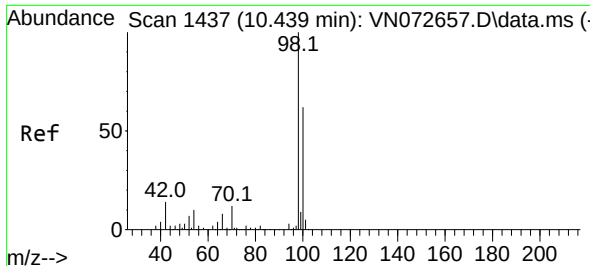


#62
Toluene
Concen: 144.057 ug/l
RT: 10.498 min Scan# 1447
Delta R.T. -0.006 min
Lab File: VN072660.D
Acq: 06 Jun 2022 12:29



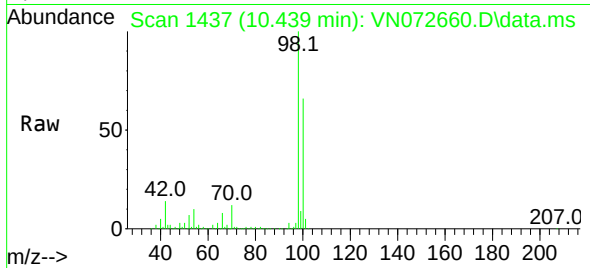
Tgt Ion: 91 Resp: 2419805
Ion Ratio Lower Upper
91 100
92 57.8 44.6 67.0





#63
Toluene-d8
Concen: 28.657 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072660.D
Acq: 06 Jun 2022 12:29

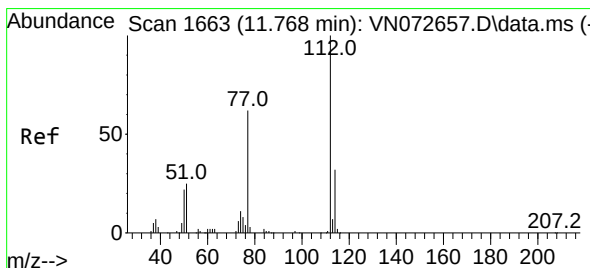
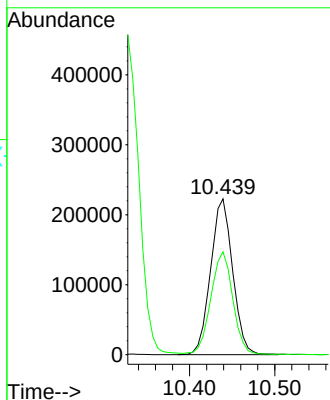
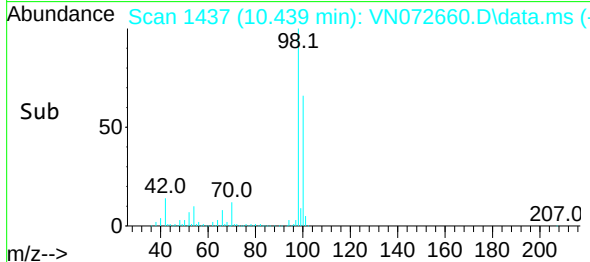
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



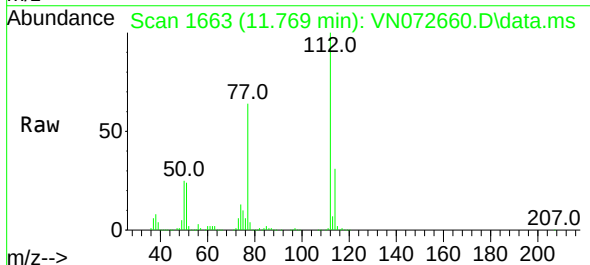
Tgt Ion: 98 Resp: 40020
Ion Ratio Lower Upper
98 100
100 66.0 50.6 76.0

Manual Integrations
APPROVED

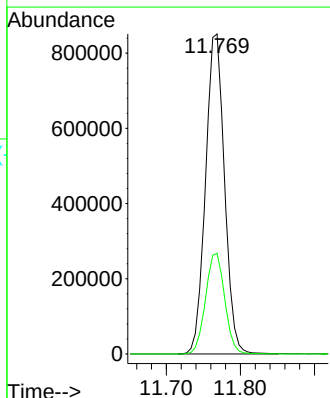
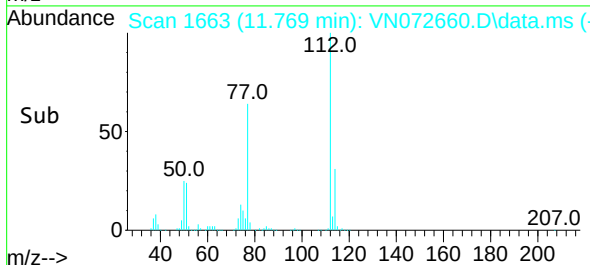
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022

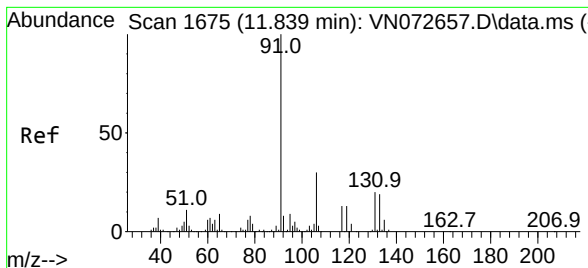


#64
Chlorobenzene
Concen: 153.094 ug/l
RT: 11.769 min Scan# 1663
Delta R.T. 0.000 min
Lab File: VN072660.D
Acq: 06 Jun 2022 12:29



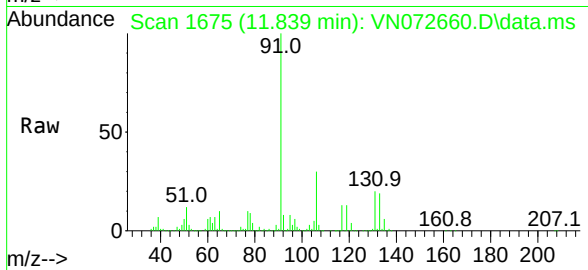
Tgt Ion:112 Resp: 1512512
Ion Ratio Lower Upper
112 100
114 31.5 25.8 38.6





#65
1,1,1,2-Tetrachloroethane
Concen: 153.038 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN072660.D
Acq: 06 Jun 2022 12:29

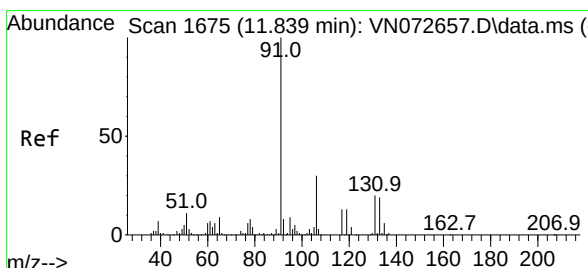
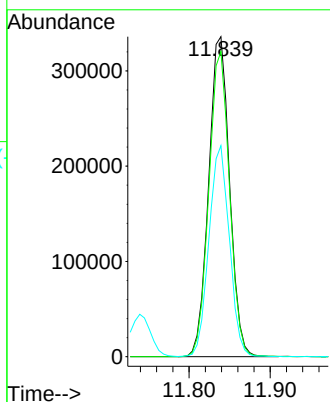
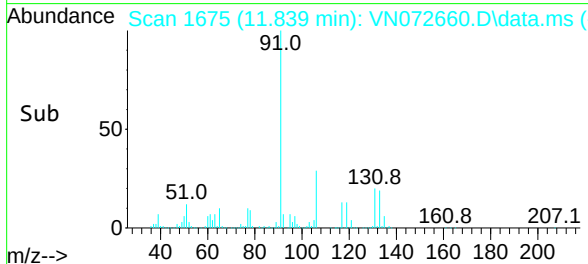
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



Tgt Ion:131 Resp: 600917
Ion Ratio Lower Upper
131 100
133 94.1 0.0 191.2
119 64.2 0.0 128.8

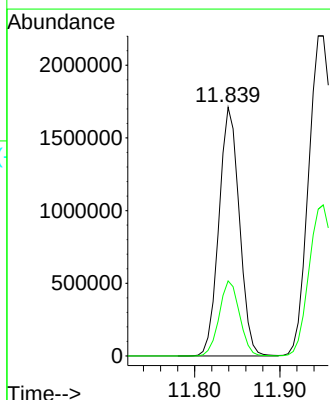
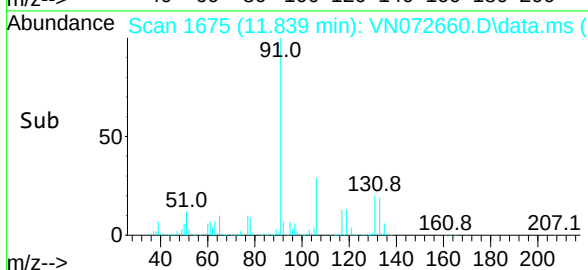
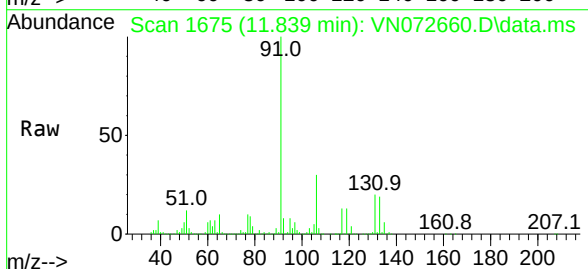
Manual Integrations
APPROVED

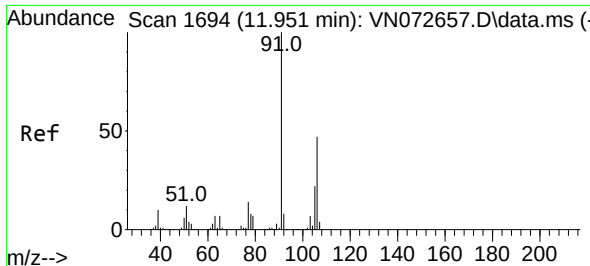
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022



#66
Ethyl Benzene
Concen: 150.867 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN072660.D
Acq: 06 Jun 2022 12:29

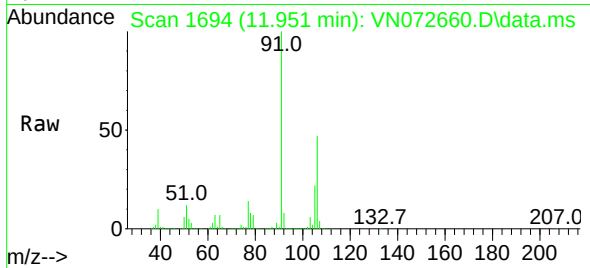
Tgt Ion: 91 Resp: 2849034
Ion Ratio Lower Upper
91 100
106 30.2 24.0 36.0





#67
m/p-Xylenes
Concen: 306.107 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. 0.000 min
Lab File: VN072660.D
Acq: 06 Jun 2022 12:29

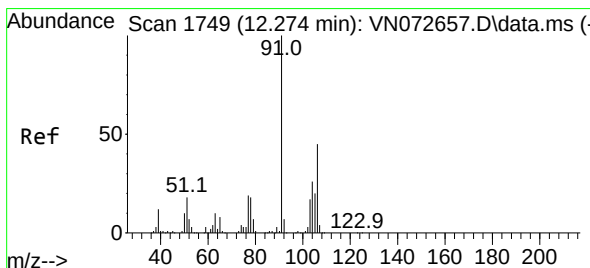
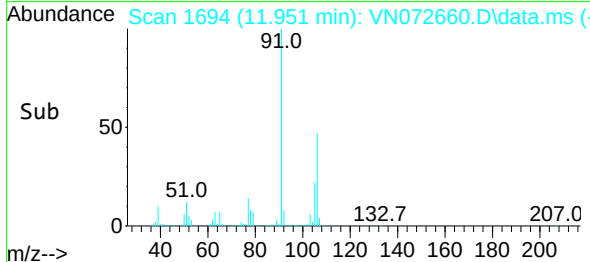
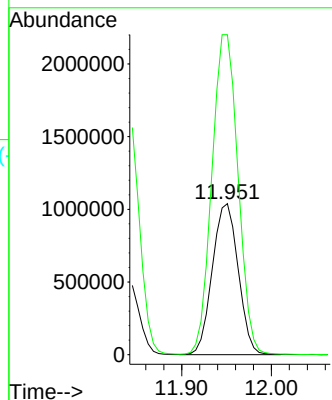
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



Tgt Ion:106 Resp: 2079962
Ion Ratio Lower Upper
106 100
91 214.5 162.9 244.3

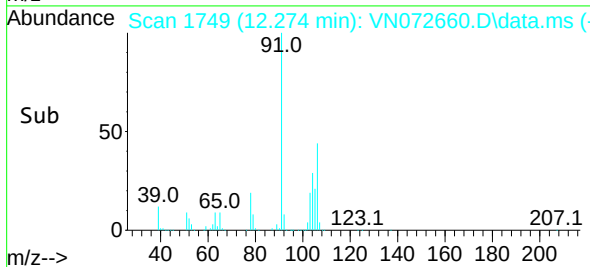
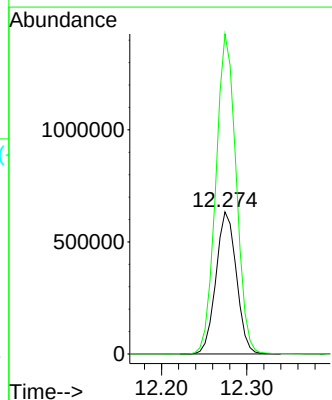
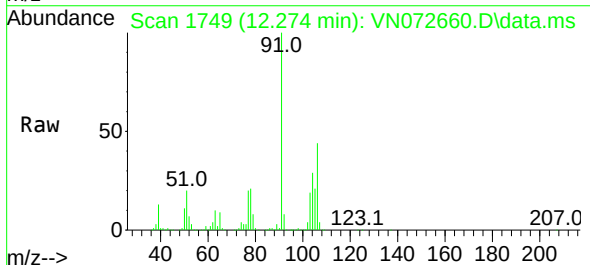
Manual Integrations
APPROVED

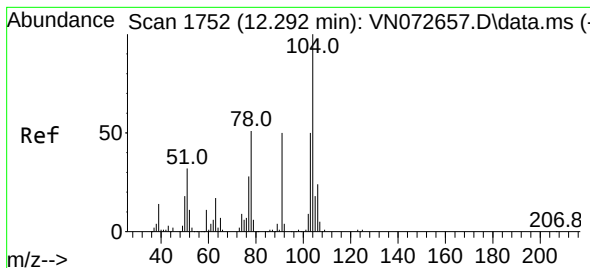
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022



#68
o-Xylene
Concen: 155.057 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VN072660.D
Acq: 06 Jun 2022 12:29

Tgt Ion:106 Resp: 1056886
Ion Ratio Lower Upper
106 100
91 223.4 107.7 323.1





#69

Styrene

Concen: 161.106 ug/l

RT: 12.292 min Scan# 1752

Delta R.T. 0.000 min

Lab File: VN072660.D

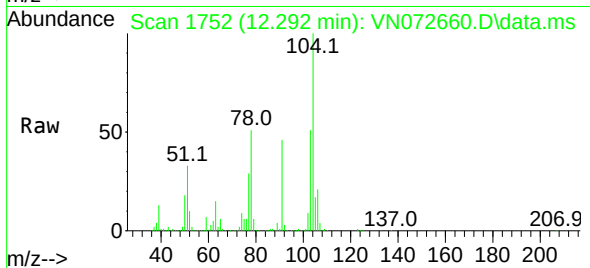
Acq: 06 Jun 2022 12:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150



Tgt Ion:104 Resp: 1733674

Ion Ratio Lower Upper

104 100

78 57.3 40.7 61.1

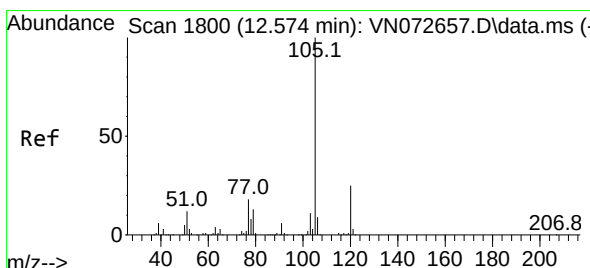
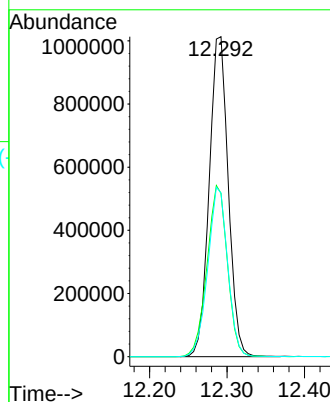
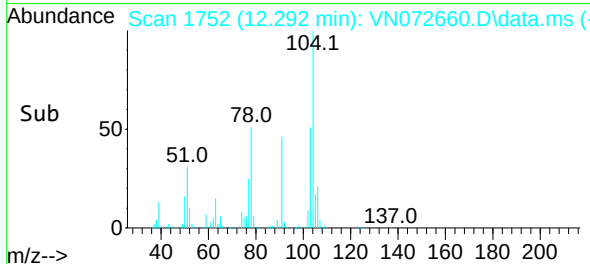
103 55.3 45.8 68.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/07/2022

Supervised By :Mahesh Dadoda 06/07/2022



#70

Isopropylbenzene

Concen: 160.129 ug/l

RT: 12.574 min Scan# 1800

Delta R.T. 0.000 min

Lab File: VN072660.D

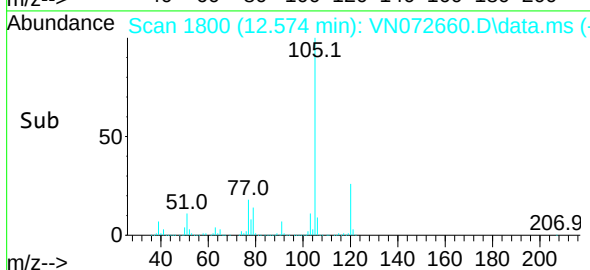
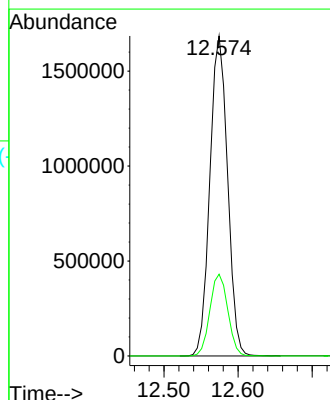
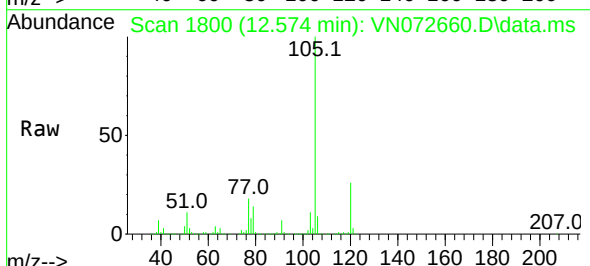
Acq: 06 Jun 2022 12:29

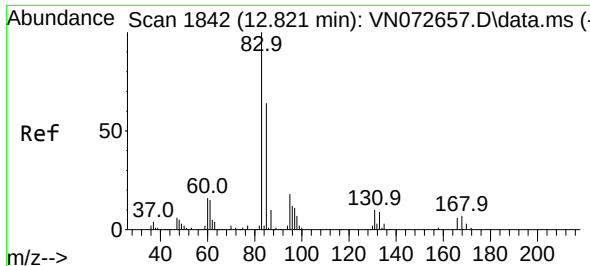
Tgt Ion:105 Resp: 2793146

Ion Ratio Lower Upper

105 100

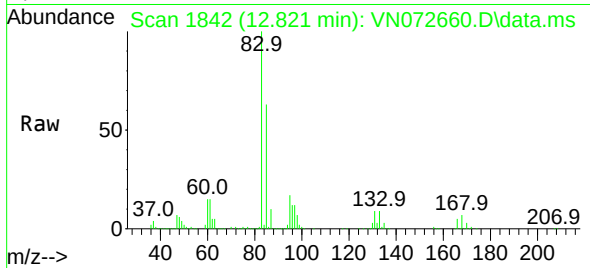
120 25.9 18.3 34.1





#71
1,1,2,2-Tetrachloroethane
Concen: 146.653 ug/l
RT: 12.821 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VN072660.D
Acq: 06 Jun 2022 12:29

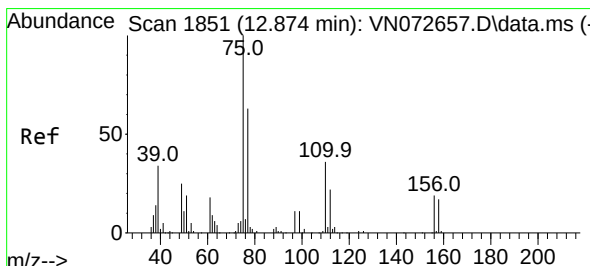
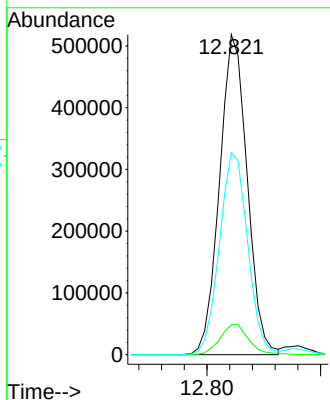
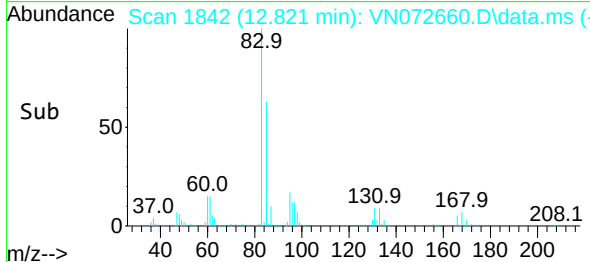
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



Tgt Ion: 83 Resp: 876730
Ion Ratio Lower Upper
83 100
131 9.9 5.1 15.3
85 64.5 33.1 99.2

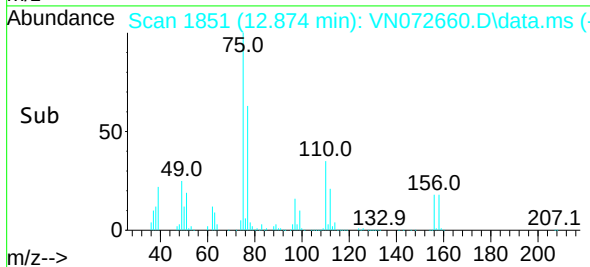
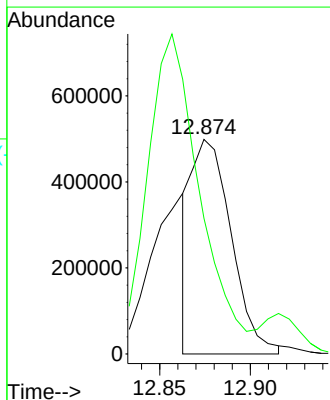
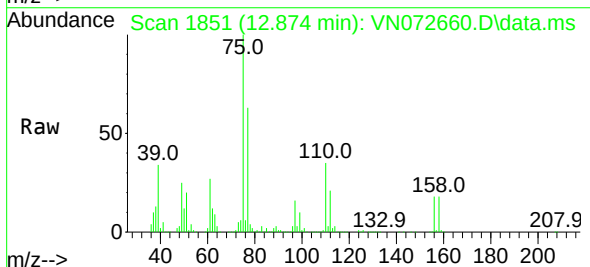
Manual Integrations
APPROVED

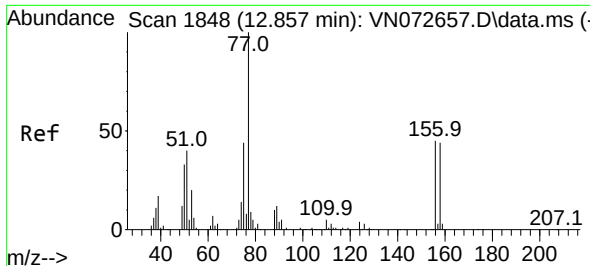
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022



#72
1,2,3-Trichloropropane
Concen: 135.175 ug/l m
RT: 12.874 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN072660.D
Acq: 06 Jun 2022 12:29

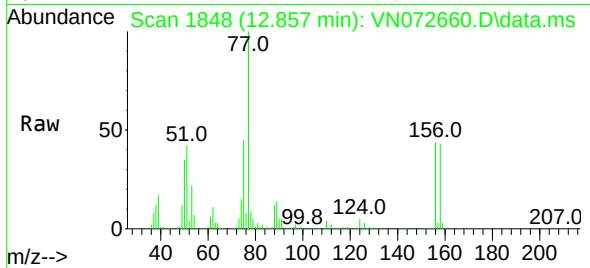
Tgt Ion: 75 Resp: 765182
Ion Ratio Lower Upper
75 100
77 195.1 0.0 378.0





#73
Bromobenzene
Concen: 151.095 ug/l
RT: 12.857 min Scan# 1848
Delta R.T. 0.000 min
Lab File: VN072660.D
Acq: 06 Jun 2022 12:29

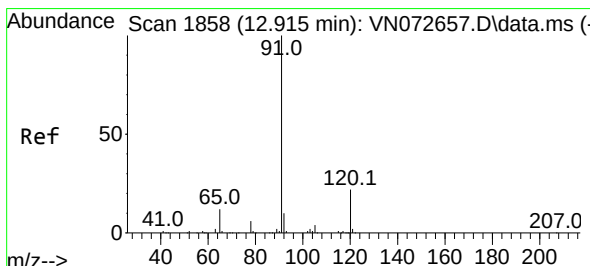
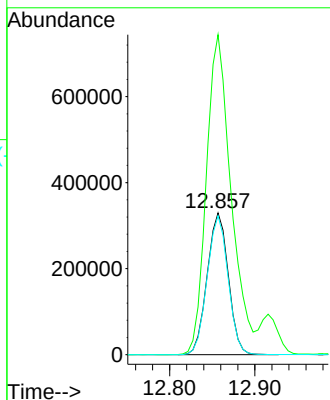
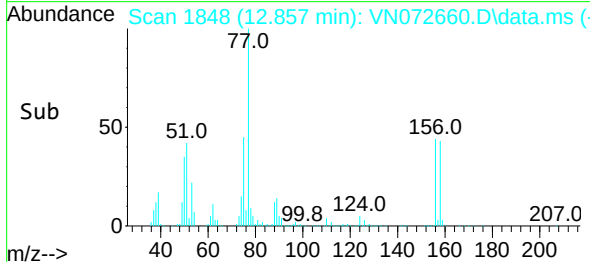
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



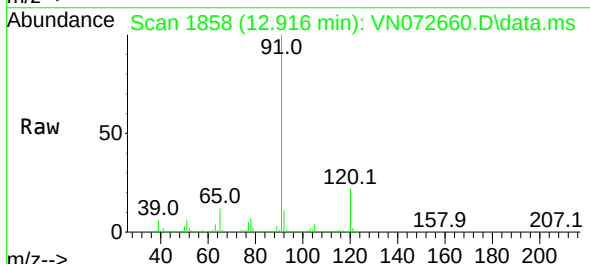
Tgt Ion:156 Resp: 568240
Ion Ratio Lower Upper
156 100
77 262.7 0.0 416.0
158 96.9 0.0 195.4

Manual Integrations
APPROVED

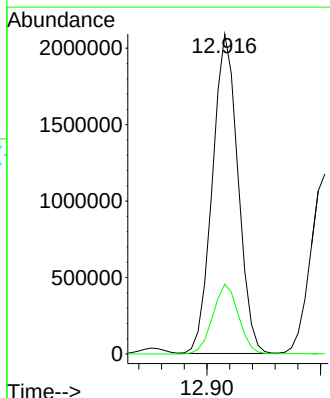
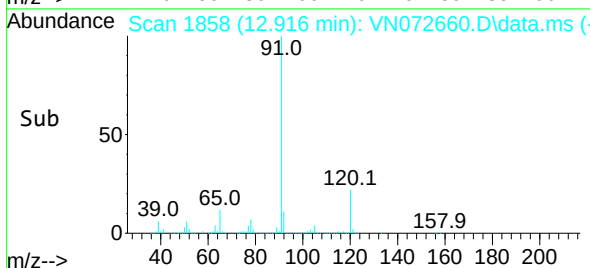
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022

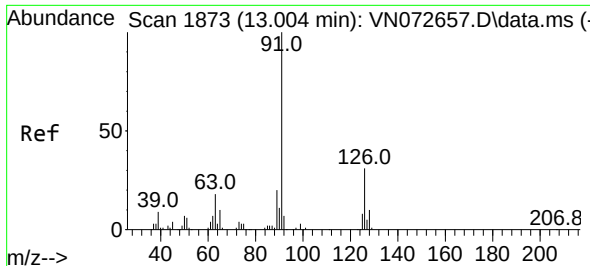


#74
n-propylbenzene
Concen: 165.249 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN072660.D
Acq: 06 Jun 2022 12:29



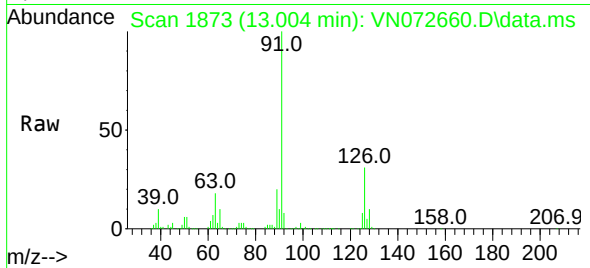
Tgt Ion: 91 Resp: 3268530
Ion Ratio Lower Upper
91 100
120 21.9 0.0 45.0





#75
2-Chlorotoluene
Concen: 162.996 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. 0.000 min
Lab File: VN072660.D
Acq: 06 Jun 2022 12:29

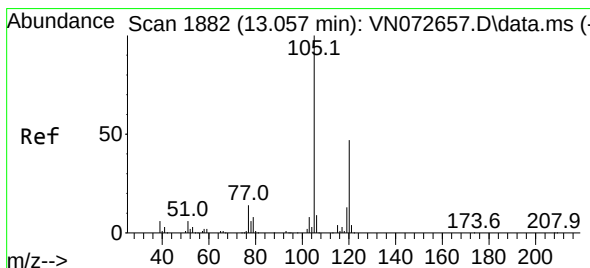
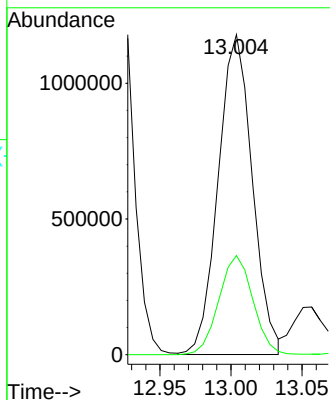
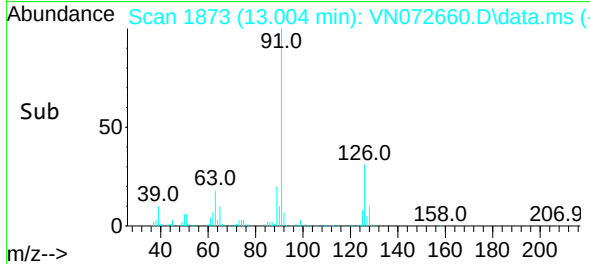
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



Tgt Ion: 91 Resp: 196798
Ion Ratio Lower Upper
91 100
126 31.0 0.0 69.8

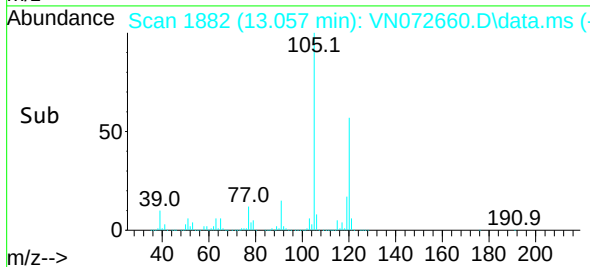
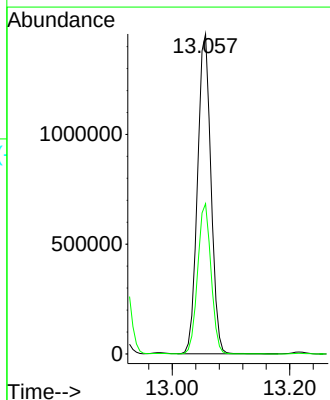
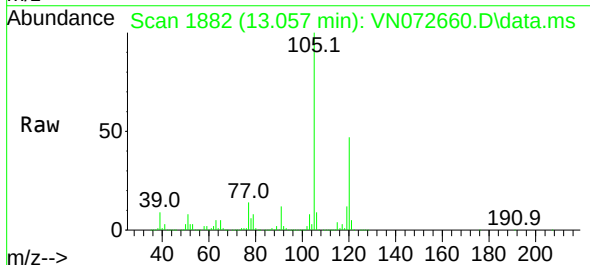
Manual Integrations
APPROVED

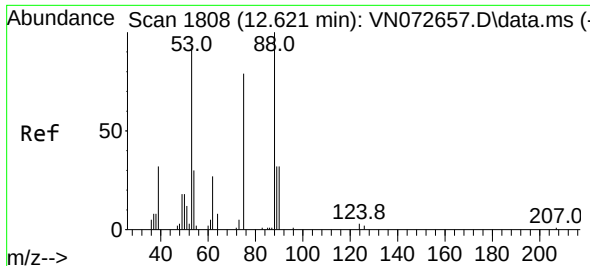
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022



#76
1,3,5-Trimethylbenzene
Concen: 165.908 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. 0.000 min
Lab File: VN072660.D
Acq: 06 Jun 2022 12:29

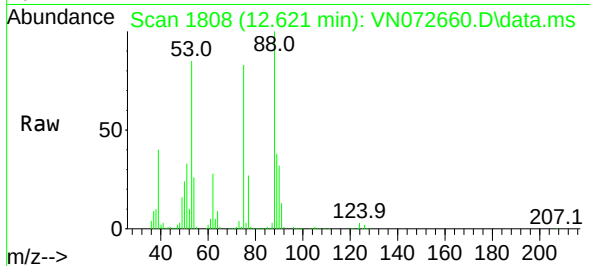
Tgt Ion:105 Resp: 2305145
Ion Ratio Lower Upper
105 100
120 46.9 0.0 93.8





#77
t-1,4-Dichloro-2-butene
Concen: 178.546 ug/l
RT: 12.621 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VN072660.D
Acq: 06 Jun 2022 12:29

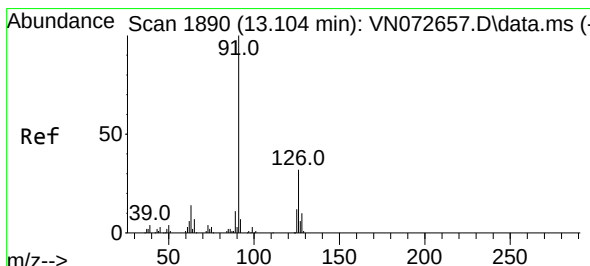
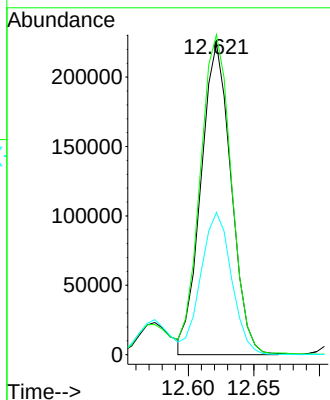
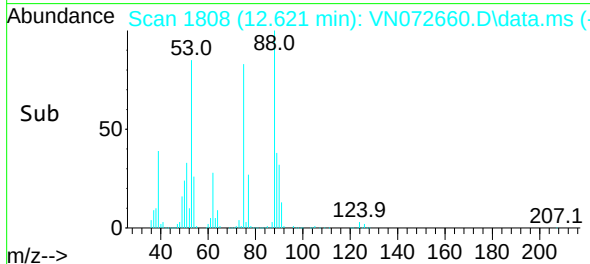
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



Tgt Ion: 75 Resp: 360748
Ion Ratio Lower Upper
75 100
53 102.5 51.8 155.5
89 45.7 22.9 68.7

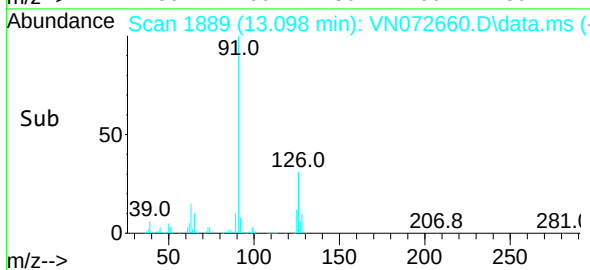
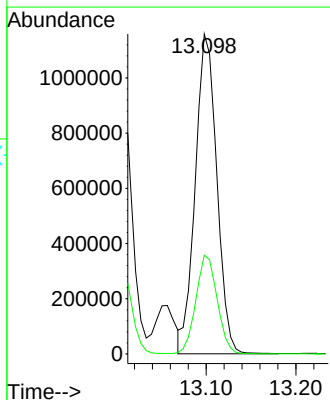
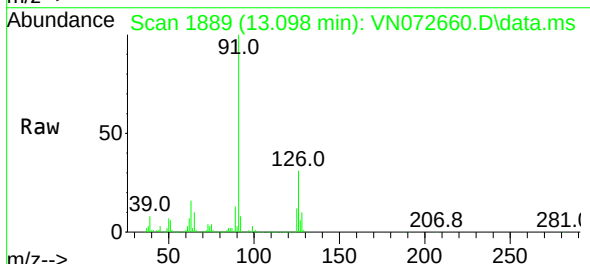
Manual Integrations
APPROVED

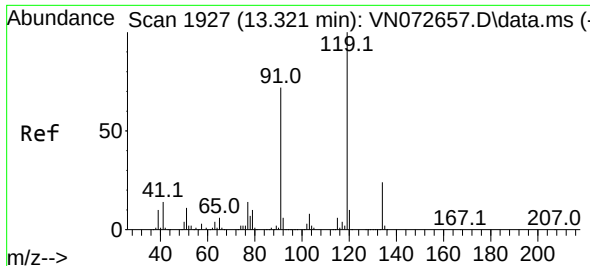
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022



#78
4-Chlorotoluene
Concen: 175.067 ug/l
RT: 13.098 min Scan# 1889
Delta R.T. -0.006 min
Lab File: VN072660.D
Acq: 06 Jun 2022 12:29

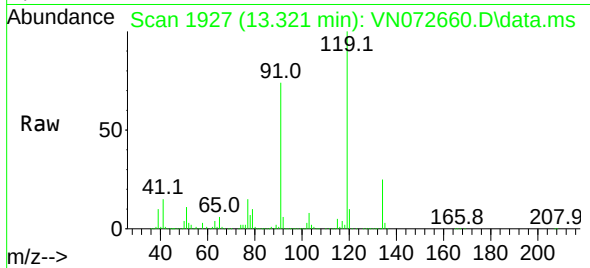
Tgt Ion: 91 Resp: 1929243
Ion Ratio Lower Upper
91 100
126 30.7 0.0 70.6





#79
tert-butylbenzene
Concen: 166.158 ug/l
RT: 13.321 min Scan# 1927
Delta R.T. 0.000 min
Lab File: VN072660.D
Acq: 06 Jun 2022 12:29

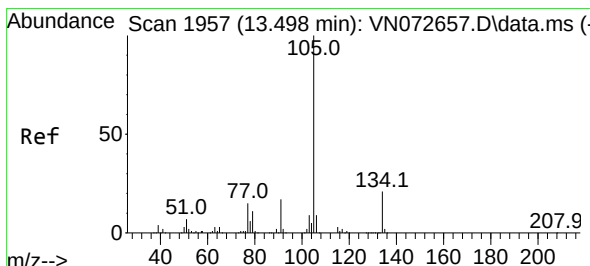
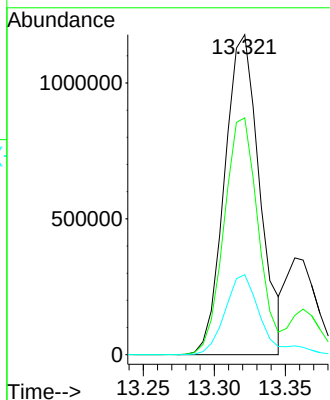
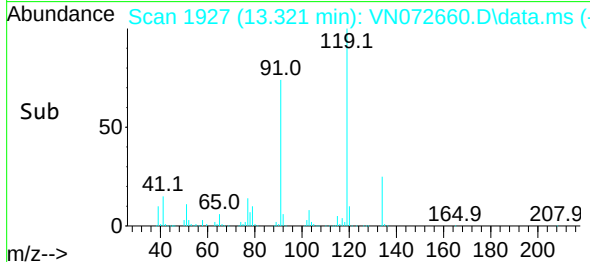
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



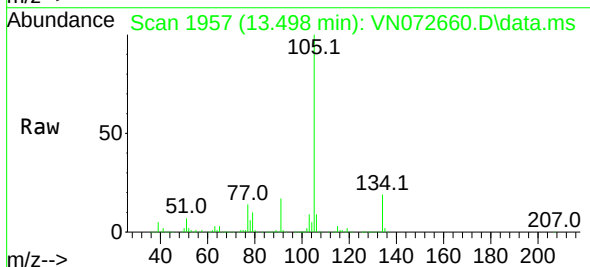
Tgt Ion:119 Resp: 201969
Ion Ratio Lower Upper
119 100
91 71.8 0.0 137.0
134 24.3 0.0 47.6

Manual Integrations
APPROVED

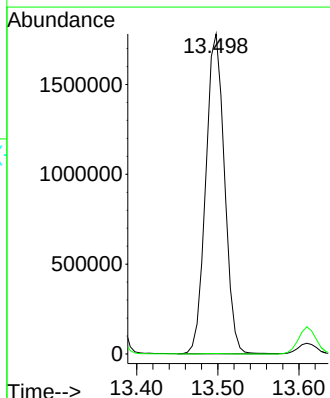
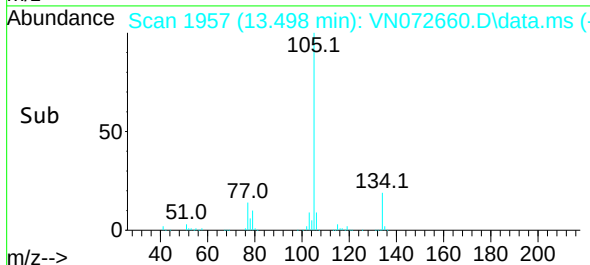
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022

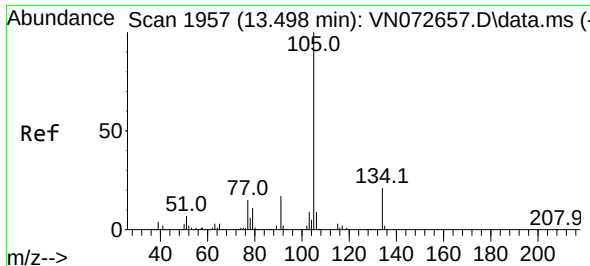


#80
1,2,4-Trimethylbenzene
Concen: 203.799 ug/l
RT: 13.498 min Scan# 1957
Delta R.T. 0.000 min
Lab File: VN072660.D
Acq: 06 Jun 2022 12:29



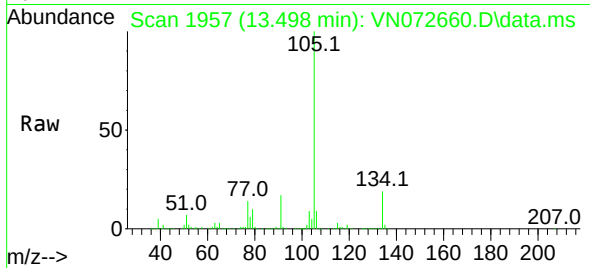
Tgt Ion:105 Resp: 2850332
Ion Ratio Lower Upper
105 100
120 0.2 0.0 0.2





#81
 sec-Butylbenzene
 Concen: 163.233 ug/l
 RT: 13.498 min Scan# 1957
 Delta R.T. 0.000 min
 Lab File: VN072660.D
 Acq: 06 Jun 2022 12:29

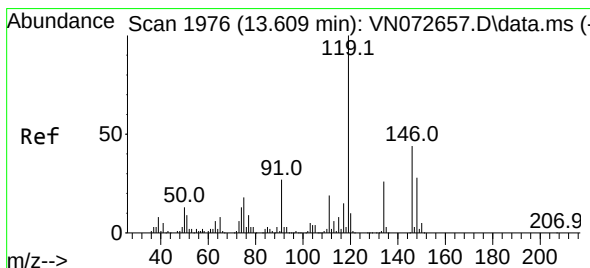
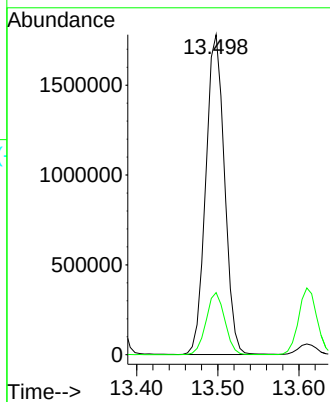
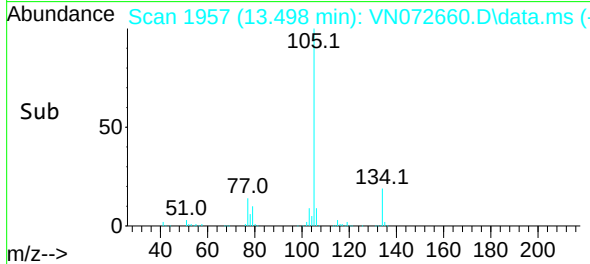
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150



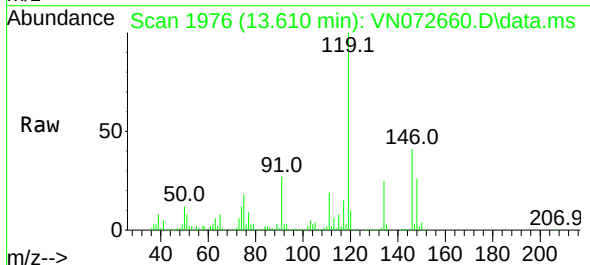
Tgt Ion:105 Resp: 285033
 Ion Ratio Lower Upper
 105 100
 134 19.4 0.0 39.4

Manual Integrations
 APPROVED

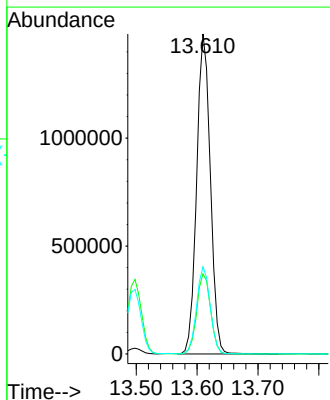
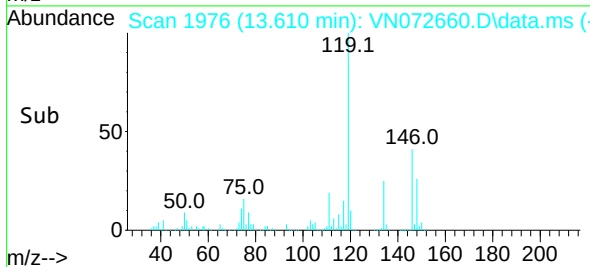
Reviewed By :John Carlone 06/07/2022
 Supervised By :Mahesh Dadoda 06/07/2022

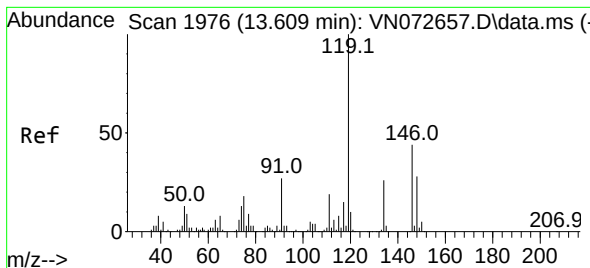


#82
 p-Isopropyltoluene
 Concen: 170.467 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. 0.000 min
 Lab File: VN072660.D
 Acq: 06 Jun 2022 12:29



Tgt Ion:119 Resp: 2308805
 Ion Ratio Lower Upper
 119 100
 134 25.2 0.0 51.8
 91 26.8 0.0 50.4





#83

1,3-Dichlorobenzene

Concen: 152.616 ug/l

RT: 13.610 min Scan# 1976

Delta R.T. 0.000 min

Lab File: VN072660.D

Acq: 06 Jun 2022 12:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tgt Ion:146 Resp: 1000640

Ion Ratio Lower Upper

146 100

111 45.6 20.8 62.2

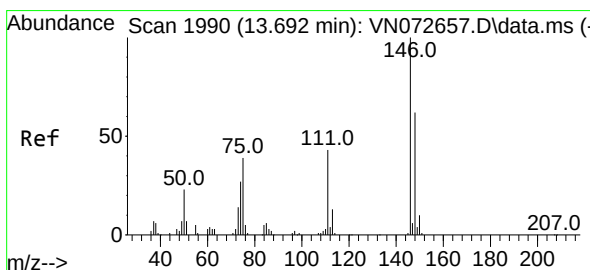
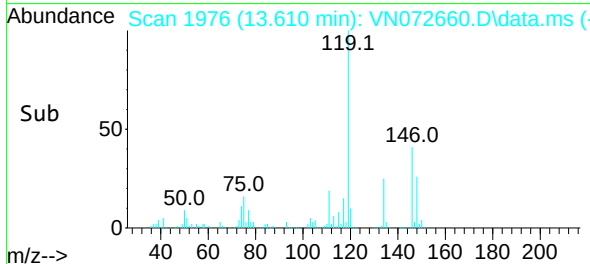
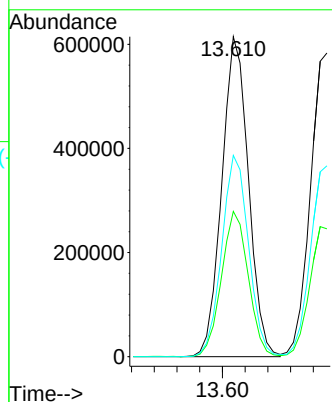
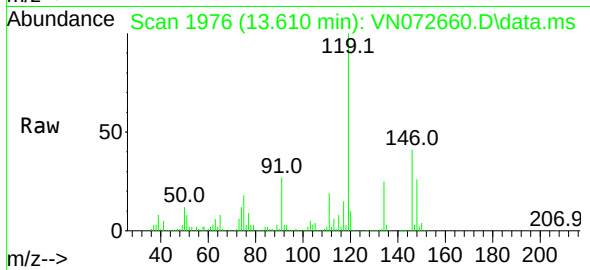
148 63.4 31.4 94.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/07/2022

Supervised By :Mahesh Dadoda 06/07/2022



#84

1,4-Dichlorobenzene

Concen: 155.933 ug/l

RT: 13.692 min Scan# 1990

Delta R.T. 0.000 min

Lab File: VN072660.D

Acq: 06 Jun 2022 12:29

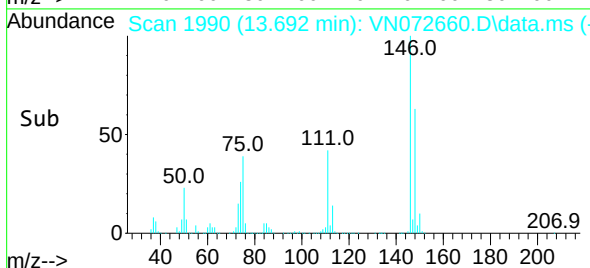
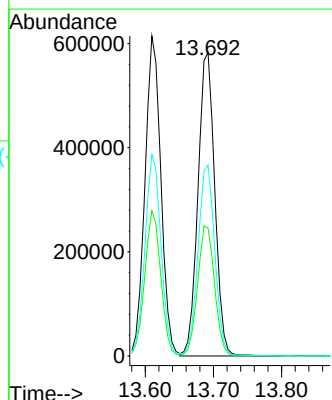
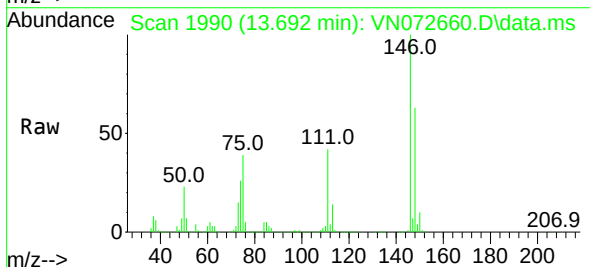
Tgt Ion:146 Resp: 994679

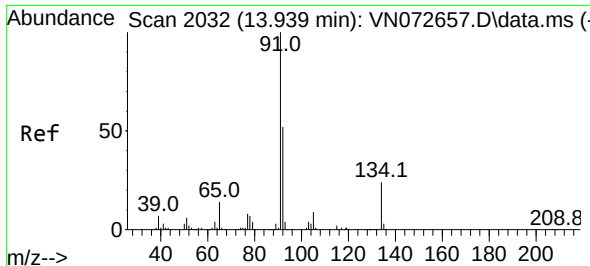
Ion Ratio Lower Upper

146 100

111 42.7 19.5 58.5

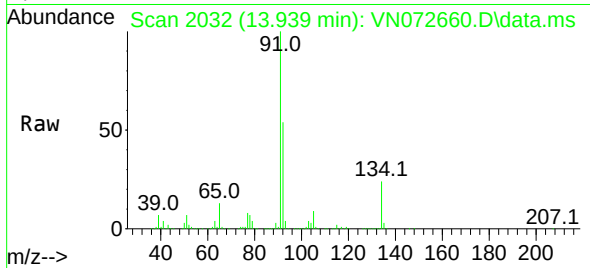
148 63.1 31.1 93.5





#85
n-Butylbenzene
Concen: 180.872 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VN072660.D
Acq: 06 Jun 2022 12:29

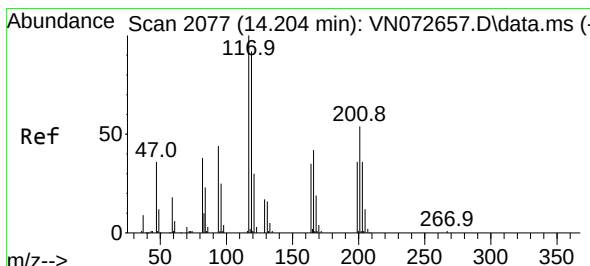
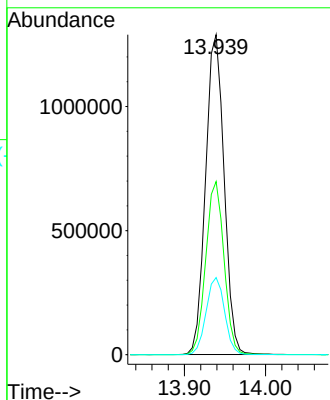
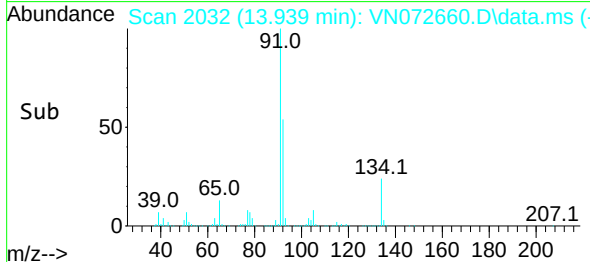
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



Tgt Ion: 91 Resp: 204176
Ion Ratio Lower Upper
91 100
92 53.4 0.0 100.6
134 24.1 0.0 50.2

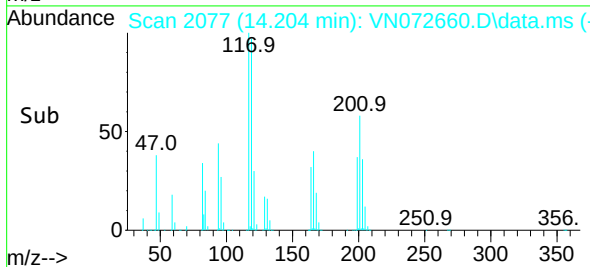
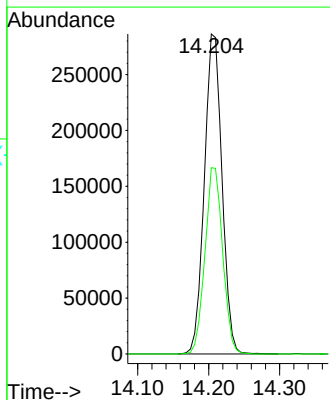
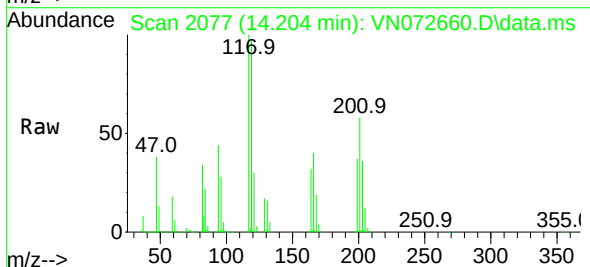
Manual Integrations
APPROVED

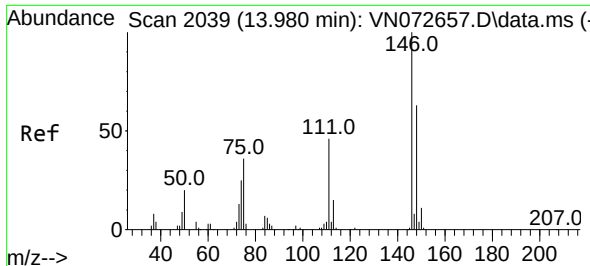
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022



#86
Hexachloroethane
Concen: 177.931 ug/l
RT: 14.204 min Scan# 2077
Delta R.T. 0.000 min
Lab File: VN072660.D
Acq: 06 Jun 2022 12:29

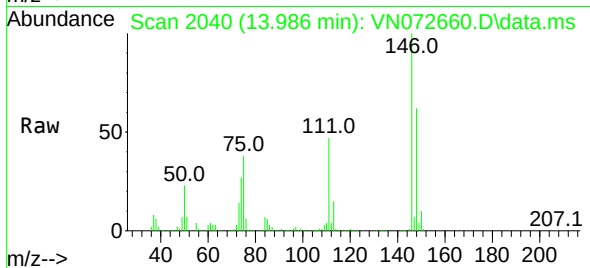
Tgt Ion:117 Resp: 495958
Ion Ratio Lower Upper
117 100
201 58.3 33.3 99.8





#87
1,2-Dichlorobenzene
Concen: 149.980 ug/l
RT: 13.986 min Scan# 2039
Delta R.T. 0.006 min
Lab File: VN072660.D
Acq: 06 Jun 2022 12:29

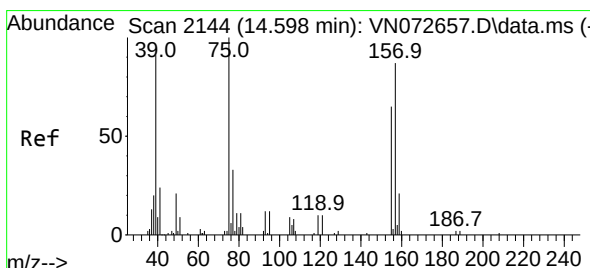
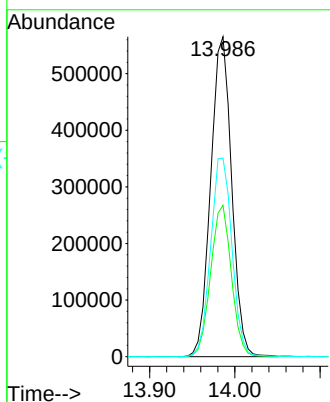
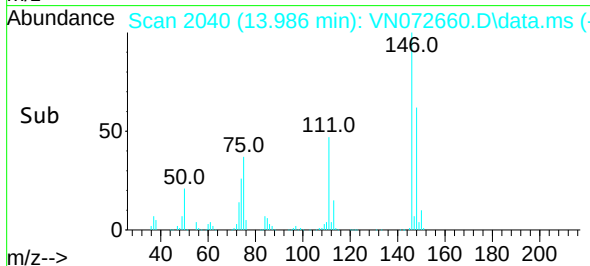
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



Tgt Ion:146 Resp: 966294
Ion Ratio Lower Upper
146 100
111 46.8 21.4 64.2
148 63.5 32.5 97.4

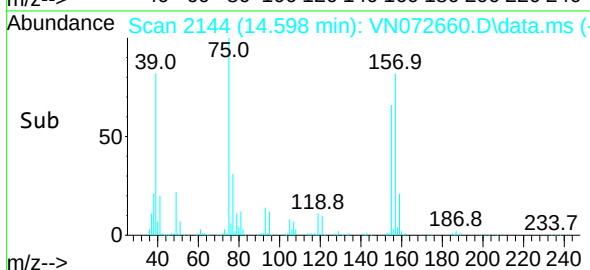
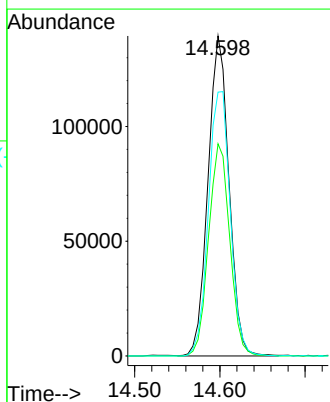
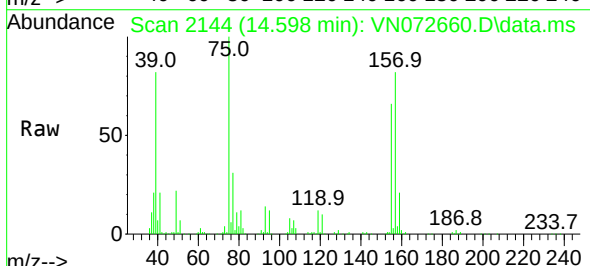
Manual Integrations
APPROVED

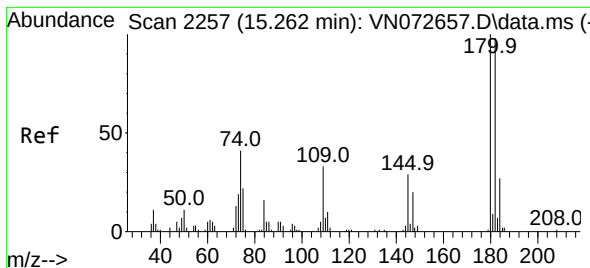
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022



#88
1,2-Dibromo-3-Chloropropane
Concen: 192.105 ug/l
RT: 14.598 min Scan# 2144
Delta R.T. 0.000 min
Lab File: VN072660.D
Acq: 06 Jun 2022 12:29

Tgt Ion: 75 Resp: 238919
Ion Ratio Lower Upper
75 100
155 67.0 63.8 95.8
157 86.3 77.9 116.9





#89

1,2,4-Trichlorobenzene

Concen: 164.748 ug/l

RT: 15.257 min Scan# 21

Delta R.T. -0.006 min

Lab File: VN072660.D

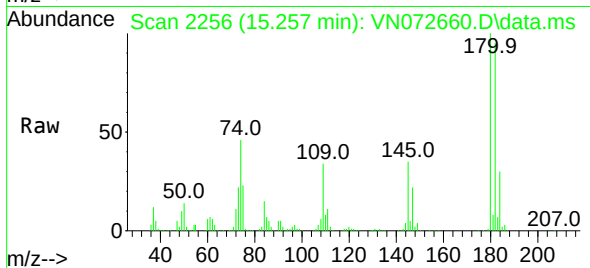
Acq: 06 Jun 2022 12:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC150



Tgt Ion:180 Resp: 52868

Ion Ratio Lower Upper

180 100

182 94.4 77.7 116.5

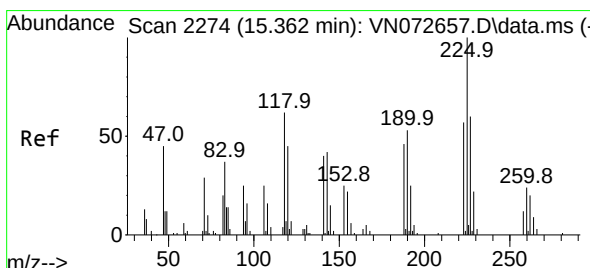
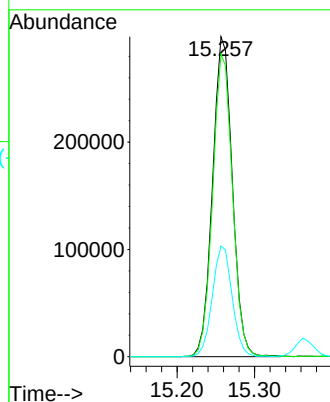
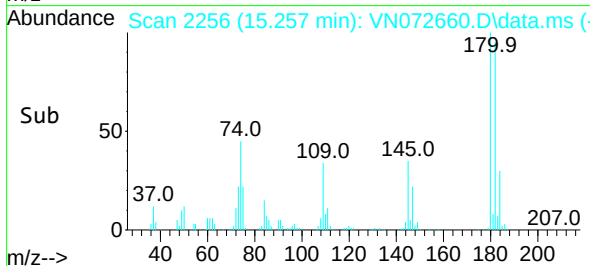
145 34.6 26.6 39.8

Manual Integrations

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Reviewed By :John Carlone 06/07/2022

Supervised By :Mahesh Dadoda 06/07/2022



#90

Hexachlorobutadiene

Concen: 141.185 ug/l

RT: 15.368 min Scan# 2275

Delta R.T. 0.006 min

Lab File: VN072660.D

Acq: 06 Jun 2022 12:29

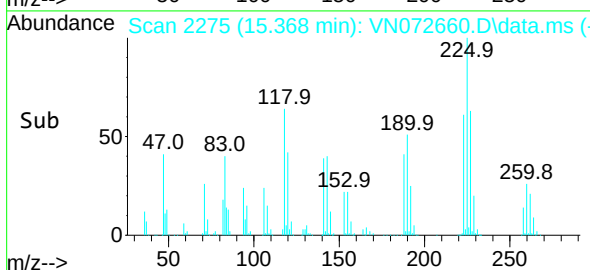
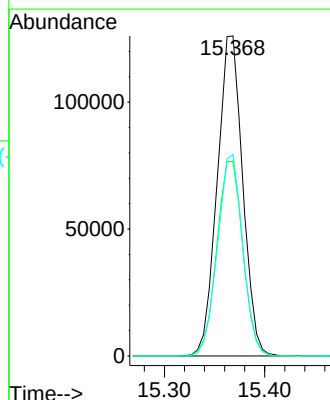
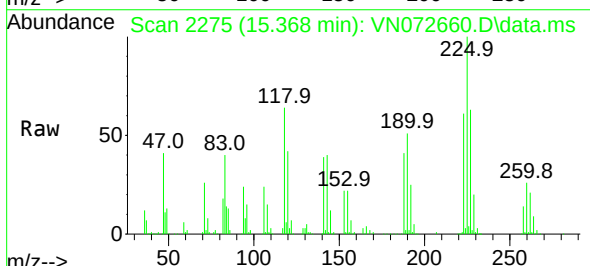
Tgt Ion:225 Resp: 222151

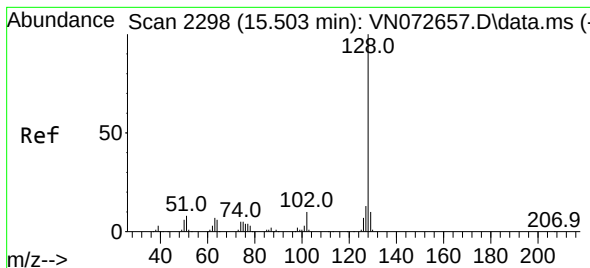
Ion Ratio Lower Upper

225 100

223 62.2 0.0 126.8

227 62.4 0.0 123.0





#91

Naphthalene

Concen: 181.257 ug/l

RT: 15.498 min Scan# 2110254

Delta R.T. -0.006 min

Lab File: VN072660.D

Acq: 06 Jun 2022 12:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tgt Ion:128 Resp: 2110254

Ion Ratio Lower Upper

128 100

127 13.0 10.7 16.1

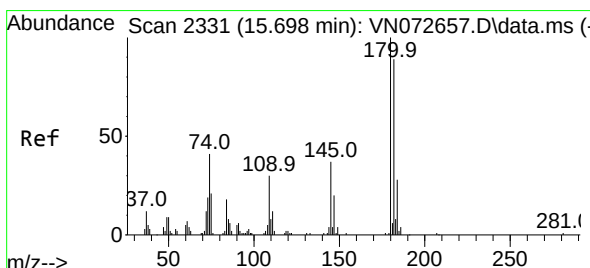
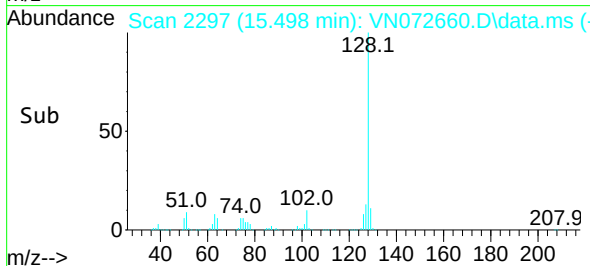
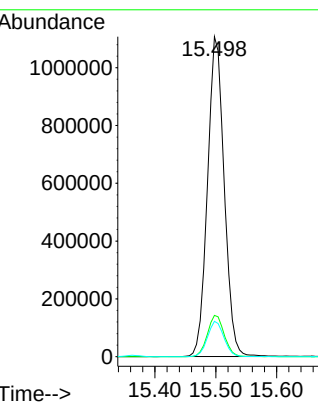
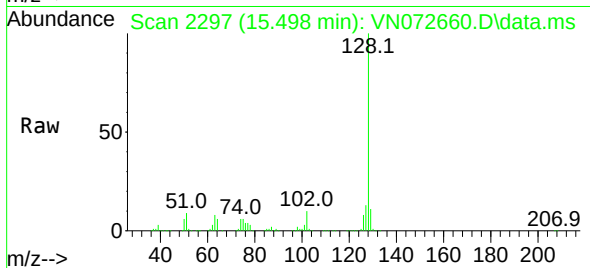
129 10.9 9.0 13.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/07/2022

Supervised By :Mahesh Dadoda 06/07/2022



#92

1,2,3-Trichlorobenzene

Concen: 161.560 ug/l

RT: 15.698 min Scan# 2331

Delta R.T. 0.000 min

Lab File: VN072660.D

Acq: 06 Jun 2022 12:29

Tgt Ion:180 Resp: 525930

Ion Ratio Lower Upper

180 100

182 93.8 0.0 190.0

145 36.7 0.0 67.8

