

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060622\
 Data File : VN072659.D
 Acq On : 06 Jun 2022 12:05
 Operator : JC\MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

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

Quant Time: Jun 06 13:13:08 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

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

Internal Standards						
1) Bromochloromethane	7.651	128	42556	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.963	114	246276	30.000	ug/l	# 0.00
57) Chlorobenzene-d5	11.739	117	234268	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.433	65	143576	33.485	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 111.600%#			
60) 4-Bromofluorobenzene	12.727	95	152851	36.229	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 120.767%#			
63) Toluene-d8	10.439	98	382668	28.811	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 96.033%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.063	85	307828	106.034	ug/l	98
3) Chloromethane	2.293	50	319878	83.586	ug/l	96
4) Vinyl Chloride	2.434	62	300282	92.876	ug/l	99
5) Bromomethane	2.816	94	155482	96.772	ug/l	99
6) Chloroethane	2.993	64	197074	95.864	ug/l	99
7) Trichlorofluoromethane	3.357	101	551014	115.705	ug/l	99
8) Diethyl Ether	3.816	74	215045	110.503	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.198	101	287779	110.582	ug/l	76
10) 1,1-Dichloroethene	4.175	96	271542	107.926	ug/l	89
11) Methyl Iodide	4.416	142	306543	123.487	ug/l	96
12) Methyl Acetate	4.845	43	555053	109.501	ug/l	94
13) Acrolein	4.034	56	237139	427.308	ug/l	100
14) Acrylonitrile	5.545	53	1166128	539.743	ug/l	99
15) Acetone	4.275	58	306208	546.858	ug/l	83
16) Carbon Disulfide	4.522	76	659397	97.049	ug/l	97
17) Allyl chloride	4.834	41	600705	112.269	ug/l	93
18) Methylene Chloride	5.087	84	336696	102.523	ug/l	# 85
19) trans-1,2-Dichloroethene	5.593	96	290307	105.471	ug/l	90
20) Diisopropyl ether	6.487	45	1203195	99.439	ug/l	97
21) 1,1-Dichloroethane	6.375	63	655208	105.423	ug/l	99
22) cis-1,2-Dichloroethene	7.316	96	369867	104.457	ug/l	89
23) tert-Butyl Alcohol	5.357	59	529707	658.321	ug/l	# 100
24) Methyl tert-Butyl Ether	5.604	73	1236791	121.499	ug/l	96
25) Chloroform	7.810	83	673134	105.444	ug/l	98
26) Cyclohexane	8.092	56	533254	92.078	ug/l	# 94
29) 1,1-Dichloropropene	8.216	75	469240	103.482	ug/l	95
30) 2-Butanone	7.328	43	1694608	549.355	ug/l	95
31) 2,2-Dichloropropane	7.322	77	632795	129.578	ug/l	94
32) 1,1,1-Trichloroethane	8.010	97	612611	117.420	ug/l	96
33) Carbon Tetrachloride	8.198	117	532396	115.459	ug/l	97
34) Benzene	8.451	78	1381578	97.930	ug/l	100
35) Methacrylonitrile	7.628	41	339049	106.873	ug/l	92
36) 1,2-Dichloroethane	8.522	62	588421	120.688	ug/l	99
37) Trichloroethene	9.210	130	334824	99.395	ug/l	89
38) Methylcyclohexane	9.457	83	551253	98.453	ug/l	92
39) 1,2-Dichloropropane	9.486	63	382222	100.934	ug/l	99
40) Dibromomethane	9.575	93	264212	108.277	ug/l	95
41) Bromodichloromethane	9.757	83	571793	114.670	ug/l	95
42) Vinyl Acetate	6.422	43	5621198	555.430	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.404	43	666756	110.890	ug/l	98
44) Isopropyl Acetate	8.551	43	1075993	113.872	ug/l	99
45) 1,4-Dioxane	9.563	88	179417	2267.152	ug/l	89
46) Methyl methacrylate	9.557	41	487422	110.017	ug/l	88
47) n-amyl Acetate	12.380	43	905667	131.469	ug/l	97
48) t-1,3-Dichloropropene	10.716	75	661702	121.572	ug/l	98
49) cis-1,3-Dichloropropene	10.186	75	669059	114.262	ug/l	98
50) 1,1,2-Trichloroethane	10.892	97	369918	103.780	ug/l	97
51) Ethyl methacrylate	10.757	69	693726	113.588	ug/l	94
52) 1,3-Dichloropropane	11.039	76	666897	105.622	ug/l	99
53) Dibromochloromethane	11.233	129	421608	113.616	ug/l	100
54) 1,2-Dibromoethane	11.345	107	394770	107.700	ug/l	97
55) 2-Chloroethyl vinyl ether	10.039	63	1431842	545.008	ug/l	98
56) Bromoform	12.457	173	306087	116.184	ug/l #	99
58) 4-Methyl-2-Pentanone	10.327	43	3491179	517.475	ug/l	99
59) 2-Hexanone	11.080	43	2697817	555.264	ug/l	99
61) Tetrachloroethene	10.975	164	277130	92.467	ug/l	96
62) Toluene	10.504	91	1550771	97.070	ug/l	97
64) Chlorobenzene	11.769	112	971257	103.366	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.839	131	380978	102.016	ug/l	99
66) Ethyl Benzene	11.839	91	1824720	101.596	ug/l	100
67) m/p-Xylenes	11.951	106	1340427	207.417	ug/l	94
68) o-Xylene	12.274	106	676481	104.353	ug/l	93
69) Styrene	12.292	104	1121439	109.573	ug/l	95
70) Isopropylbenzene	12.574	105	1799131	108.448	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.821	83	610624	107.394	ug/l	98
72) 1,2,3-Trichloropropane	12.874	75	505865m	93.962	ug/l	
73) Bromobenzene	12.857	156	372259	104.076	ug/l	74
74) n-propylbenzene	12.916	91	2095480	111.392	ug/l	99
75) 2-Chlorotoluene	13.004	91	1286147	112.003	ug/l	93
76) 1,3,5-Trimethylbenzene	13.057	105	1498432	113.395	ug/l	100
77) t-1,4-Dichloro-2-butene	12.621	75	237097	123.384	ug/l	99
78) 4-Chlorotoluene	13.098	91	1249797	119.245	ug/l	92
79) tert-butylbenzene	13.321	119	1326296	114.726	ug/l	97
80) 1,2,4-Trimethylbenzene	13.498	105	1839244	138.271	ug/l	100
81) sec-Butylbenzene	13.498	105	1839244	110.748	ug/l	99
82) p-Isopropyltoluene	13.610	119	1499040	116.372	ug/l	98
83) 1,3-Dichlorobenzene	13.610	146	660707	105.954	ug/l	97
84) 1,4-Dichlorobenzene	13.692	146	658568	108.553	ug/l	97
85) n-Butylbenzene	13.939	91	1291808	120.323	ug/l	96
86) Hexachloroethane	14.204	117	323981	122.211	ug/l	89
87) 1,2-Dichlorobenzene	13.986	146	644585	105.194	ug/l	96
88) 1,2-Dibromo-3-Chloropr...	14.598	75	152317	128.772	ug/l	89
89) 1,2,4-Trichlorobenzene	15.257	180	337148	110.466	ug/l	97
90) Hexachlorobutadiene	15.362	225	145322	97.108	ug/l	99
91) Naphthalene	15.498	128	1326935	119.838	ug/l	99
92) 1,2,3-Trichlorobenzene	15.698	180	336949	108.832	ug/l	98

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



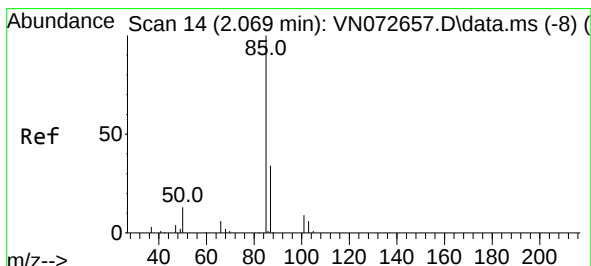
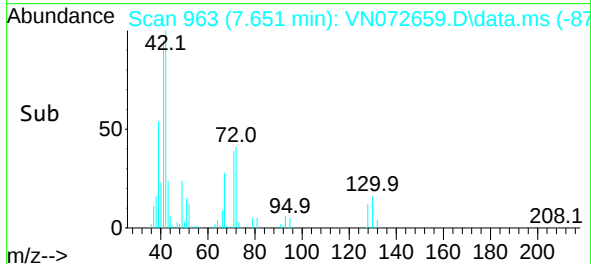
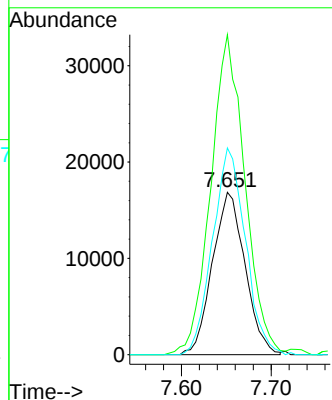
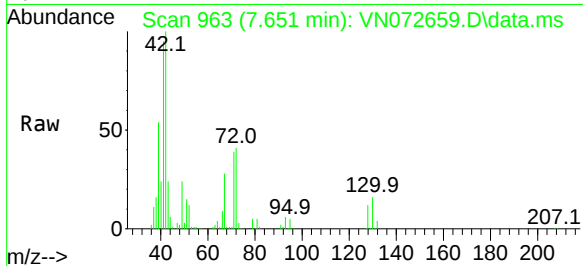
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Bromochloromethane
Concen: 30.000 ug/l
RT: 7.651 min Scan# 90
Delta R.T. 0.000 min
Lab File: VN072659.D
Acq: 06 Jun 2022 12:05

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:128 Resp: 42550
Ion Ratio Lower Upper
128 100
49 206.3 0.0 392.3
130 128.3 0.0 320.2

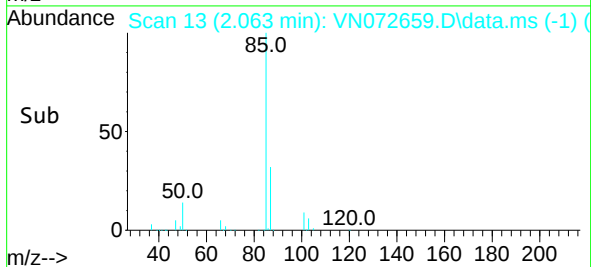
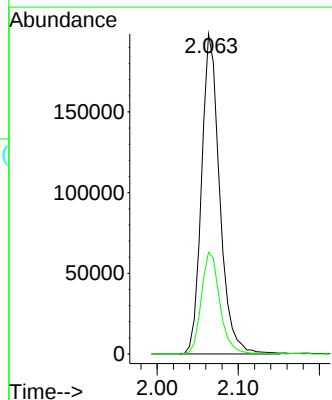
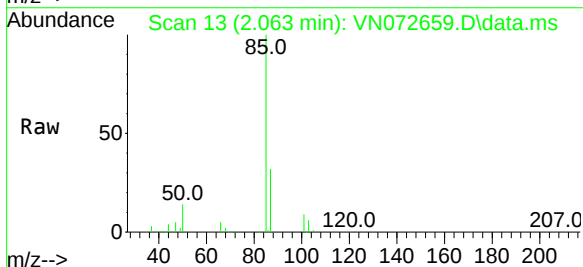
Manual Integrations
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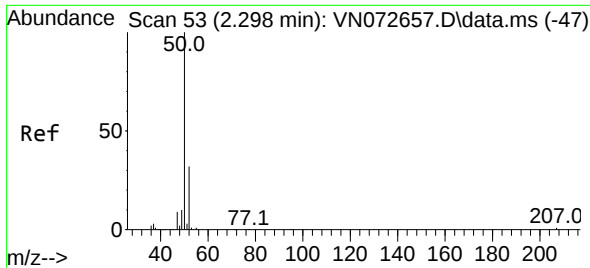
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022



#2
Dichlorodifluoromethane
Concen: 106.034 ug/l
RT: 2.063 min Scan# 13
Delta R.T. -0.006 min
Lab File: VN072659.D
Acq: 06 Jun 2022 12:05

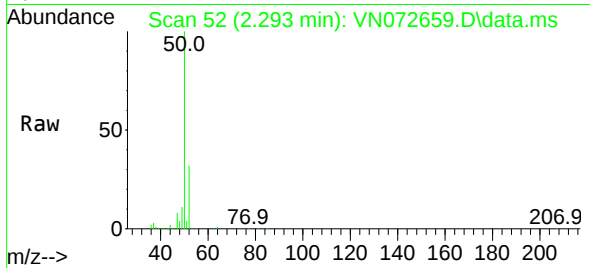
Tgt Ion: 85 Resp: 307828
Ion Ratio Lower Upper
85 100
87 31.8 16.6 49.7





#3
Chloromethane
Concen: 83.586 ug/l
RT: 2.293 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN072659.D
Acq: 06 Jun 2022 12:05

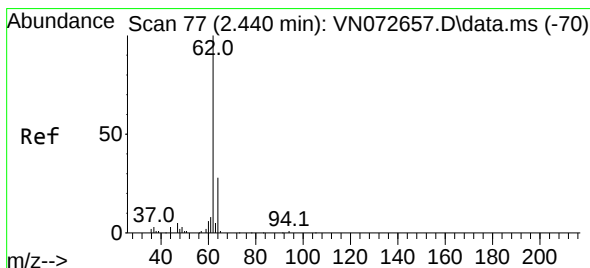
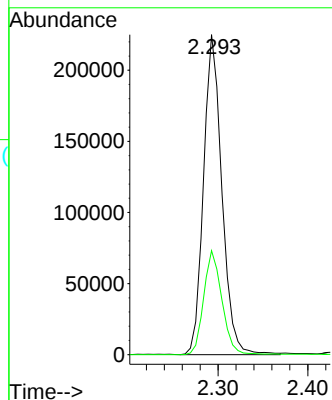
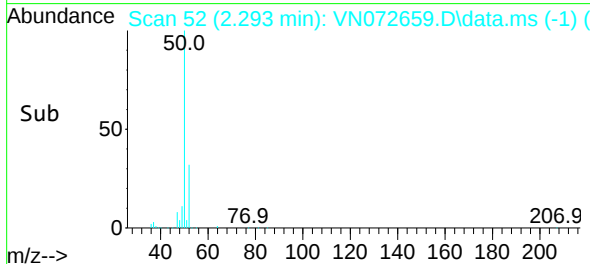
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 50 Resp: 319878
Ion Ratio Lower Upper
50 100
52 32.5 27.8 41.6

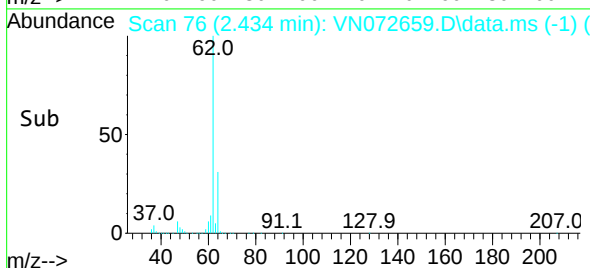
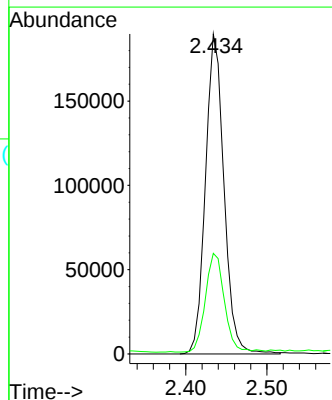
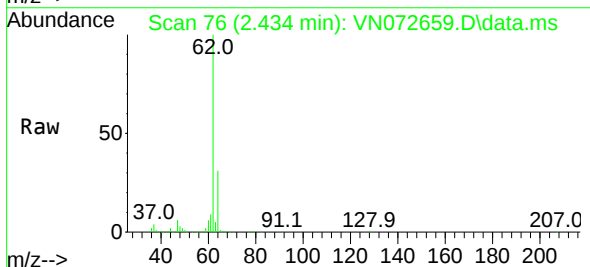
Manual Integrations
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#4
Vinyl Chloride
Concen: 92.876 ug/l
RT: 2.434 min Scan# 76
Delta R.T. -0.006 min
Lab File: VN072659.D
Acq: 06 Jun 2022 12:05

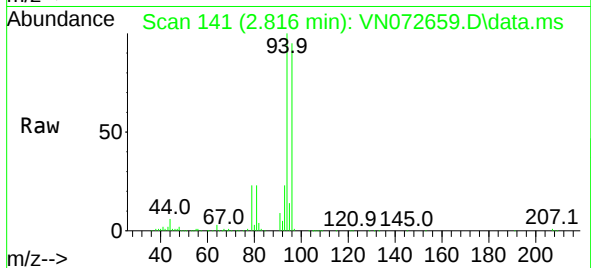
Tgt Ion: 62 Resp: 300282
Ion Ratio Lower Upper
62 100
64 30.8 25.1 37.7





#5
Bromomethane
Concen: 96.772 ug/l
RT: 2.816 min Scan# 147
Delta R.T. -0.035 min
Lab File: VN072659.D
Acq: 06 Jun 2022 12:05

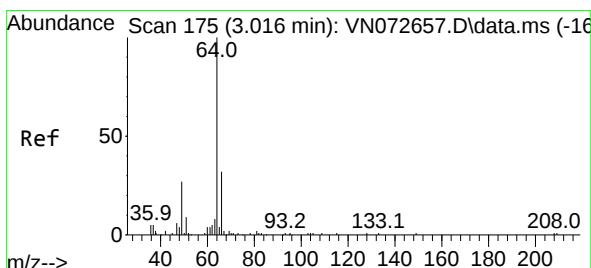
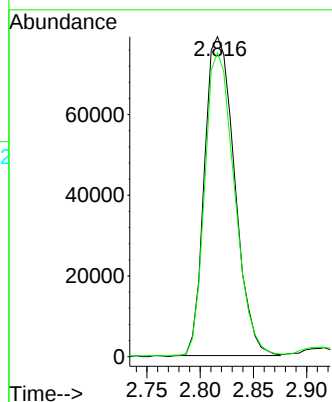
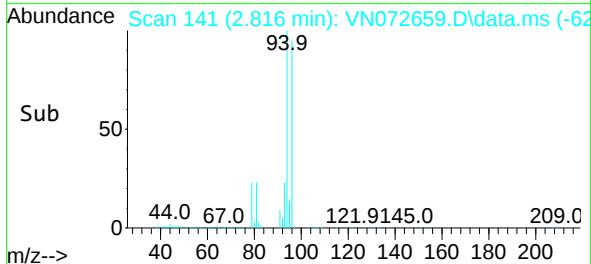
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



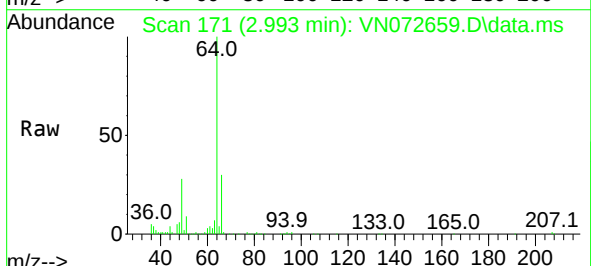
Tgt Ion: 94 Resp: 15548
Ion Ratio Lower Upper
94 100
96 94.8 75.2 112.8

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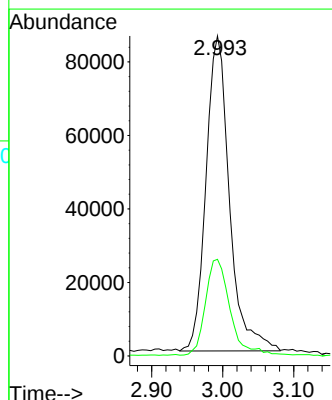
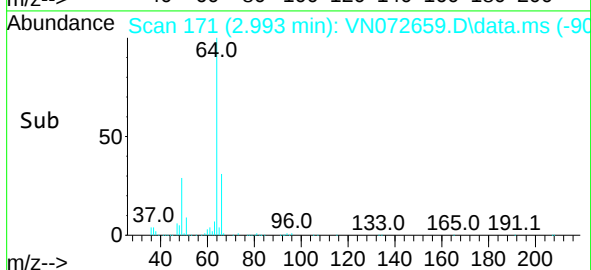
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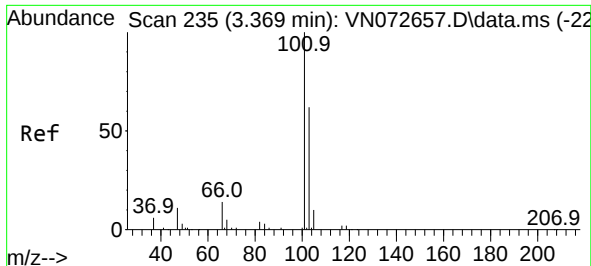


#6
Chloroethane
Concen: 95.864 ug/l
RT: 2.993 min Scan# 171
Delta R.T. -0.023 min
Lab File: VN072659.D
Acq: 06 Jun 2022 12:05



Tgt Ion: 64 Resp: 197074
Ion Ratio Lower Upper
64 100
66 30.4 24.6 36.8





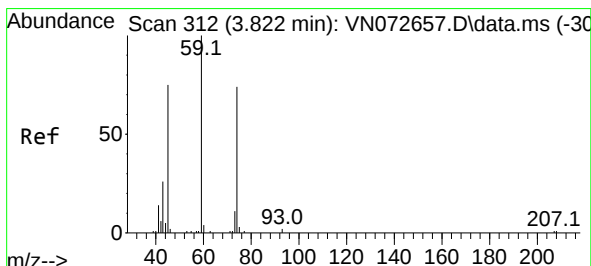
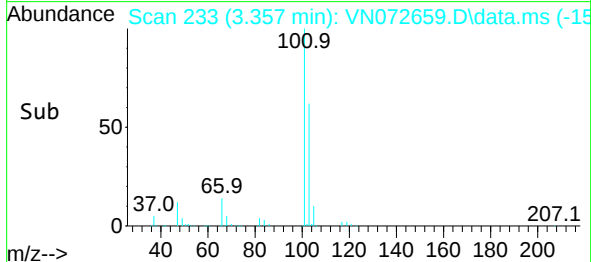
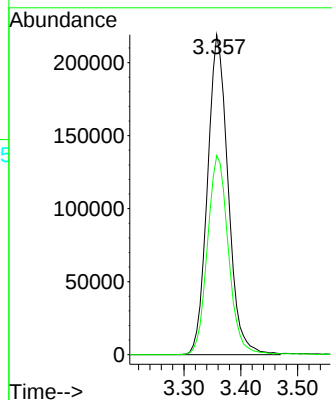
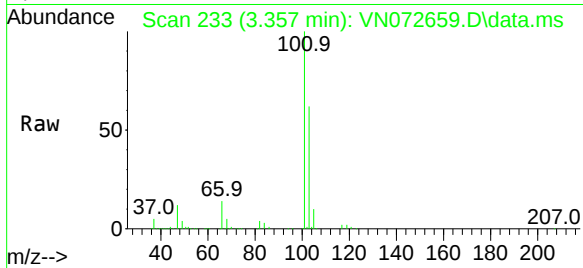
#7
Trichlorofluoromethane
Concen: 115.705 ug/l
RT: 3.357 min Scan# 21
Delta R.T. -0.012 min
Lab File: VN072659.D
Acq: 06 Jun 2022 12:05

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion:101 Resp: 551014
Ion Ratio Lower Upper
101 100
103 62.1 50.1 75.1

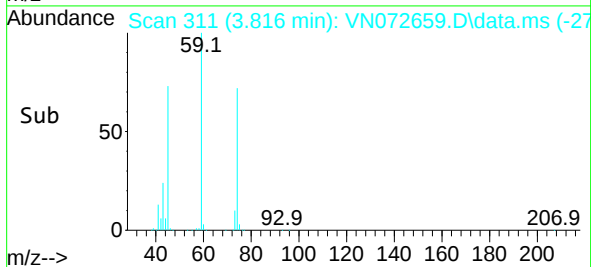
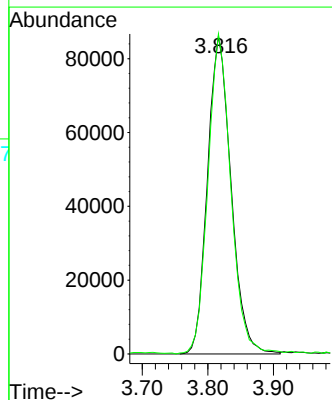
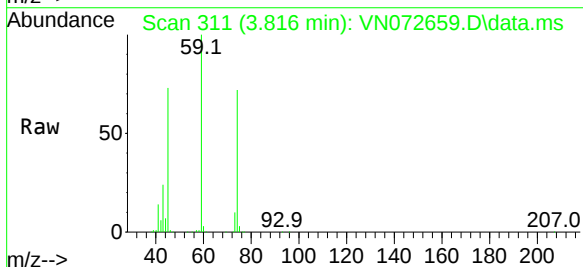
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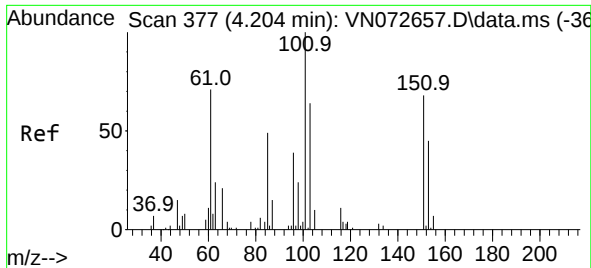
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022



#8
Diethyl Ether
Concen: 110.503 ug/l
RT: 3.816 min Scan# 311
Delta R.T. -0.006 min
Lab File: VN072659.D
Acq: 06 Jun 2022 12:05

Tgt Ion: 74 Resp: 215045
Ion Ratio Lower Upper
74 100
45 97.2 17.6 158.8





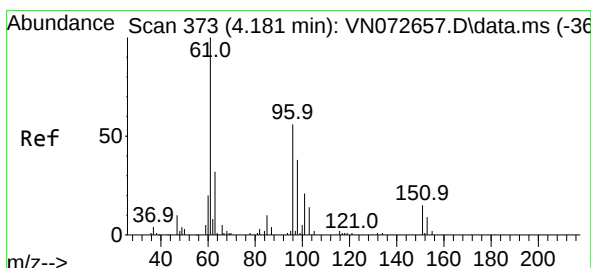
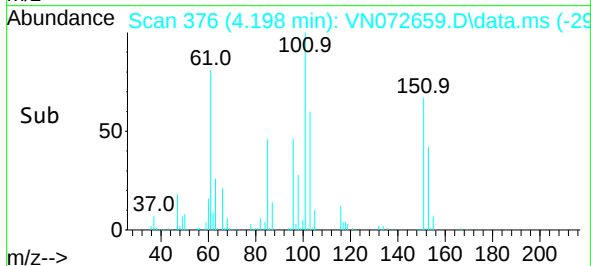
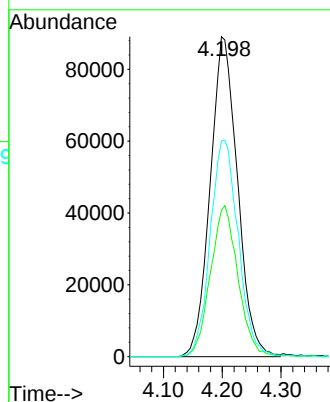
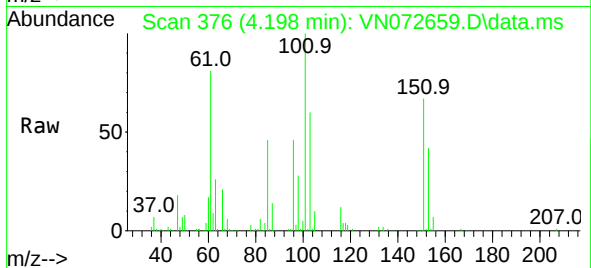
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1,1,2-Trichlorotrifluoroethane
Concen: 110.582 ug/l
RT: 4.198 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN072659.D
Acq: 06 Jun 2022 12:05

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:101 Resp: 287779
Ion Ratio Lower Upper
101 100
85 47.5 0.0 94.0
151 69.4 0.0 74.6

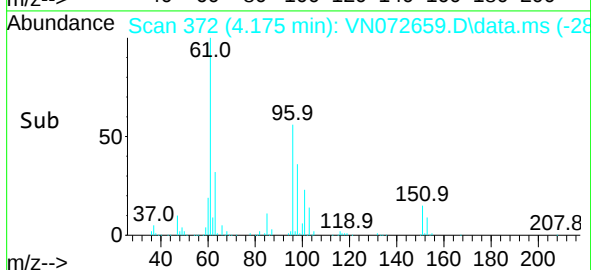
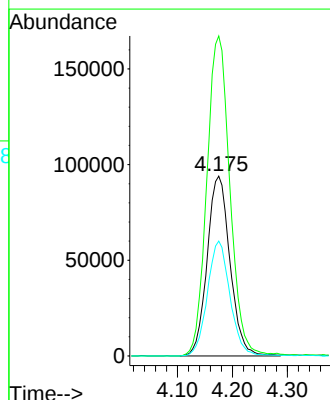
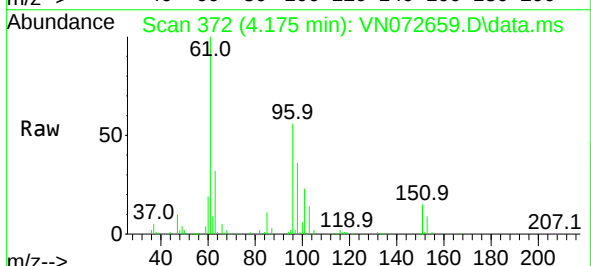
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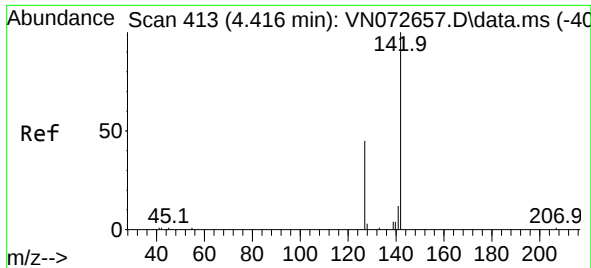
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022



#10
1,1-Dichloroethene
Concen: 107.926 ug/l
RT: 4.175 min Scan# 372
Delta R.T. -0.006 min
Lab File: VN072659.D
Acq: 06 Jun 2022 12:05

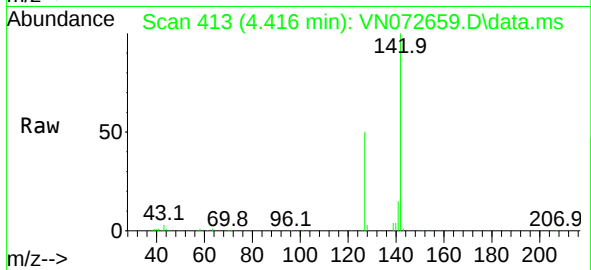
Tgt Ion: 96 Resp: 271542
Ion Ratio Lower Upper
96 100
61 177.9 126.2 189.4
98 63.9 50.9 76.3





#11
Methyl Iodide
Concen: 123.487 ug/l
RT: 4.416 min Scan# 413
Delta R.T. 0.000 min
Lab File: VN072659.D
Acq: 06 Jun 2022 12:05

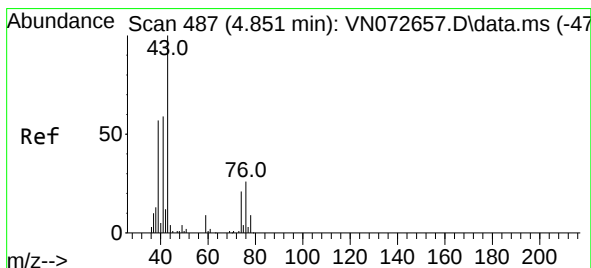
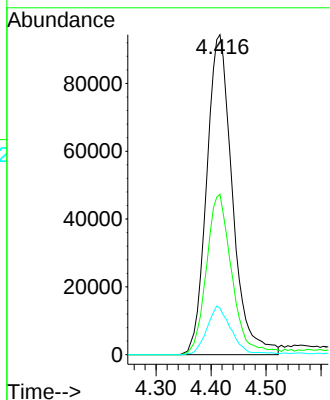
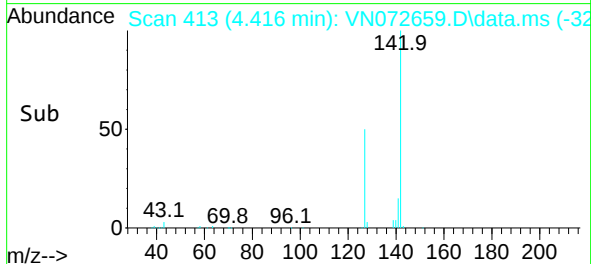
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion:142 Resp: 30654
Ion Ratio Lower Upper
142 100
127 50.0 24.0 72.0
141 14.5 8.4 25.2

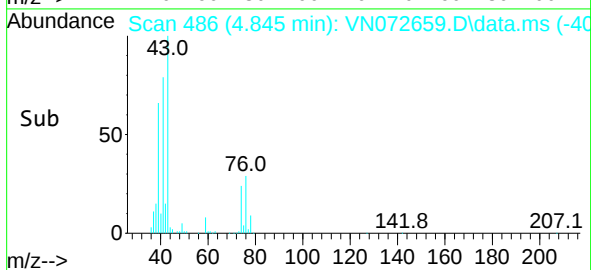
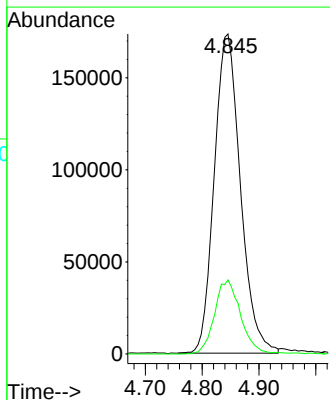
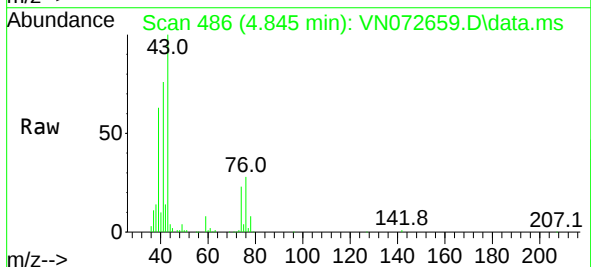
Manual Integrations
APPROVED

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



#12
Methyl Acetate
Concen: 109.501 ug/l
RT: 4.845 min Scan# 486
Delta R.T. -0.006 min
Lab File: VN072659.D
Acq: 06 Jun 2022 12:05

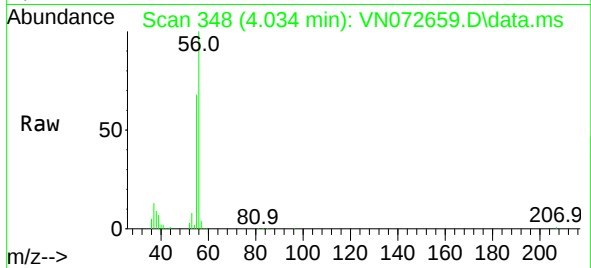
Tgt Ion: 43 Resp: 555053
Ion Ratio Lower Upper
43 100
74 23.2 20.8 31.2





#13
Acrolein
Concen: 427.308 ug/l
RT: 4.034 min Scan# 348
Delta R.T. 0.000 min
Lab File: VN072659.D
Acq: 06 Jun 2022 12:05

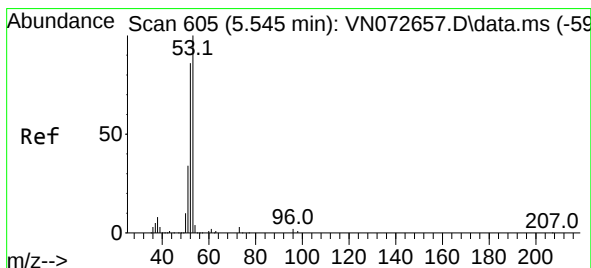
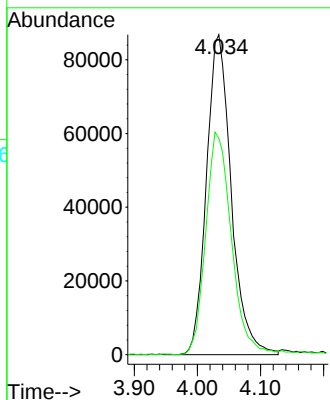
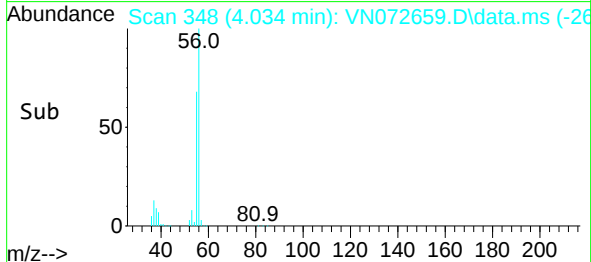
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



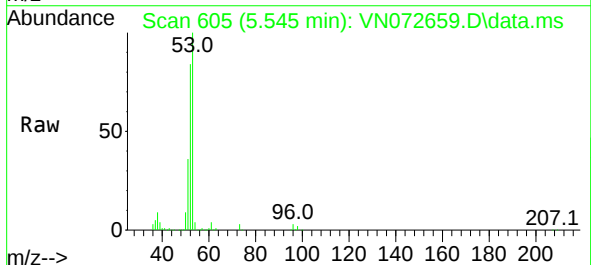
Tgt Ion: 56 Resp: 237139
Ion Ratio Lower Upper
56 100
55 71.8 57.6 86.4

Manual Integrations
APPROVED

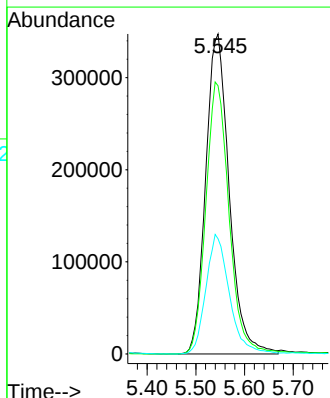
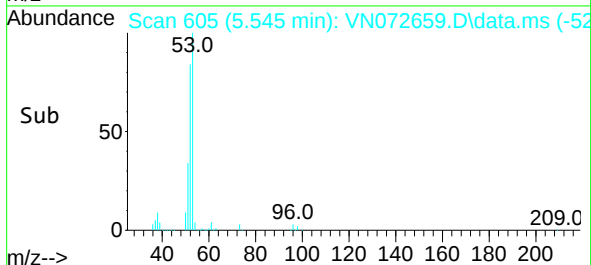
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022

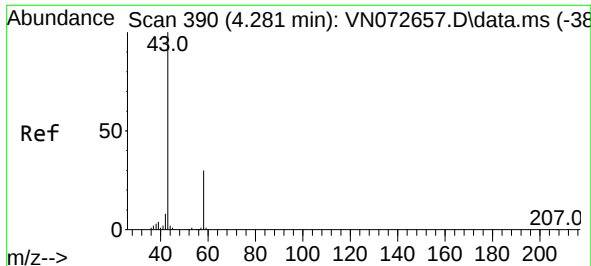


#14
Acrylonitrile
Concen: 539.743 ug/l
RT: 5.545 min Scan# 605
Delta R.T. 0.000 min
Lab File: VN072659.D
Acq: 06 Jun 2022 12:05



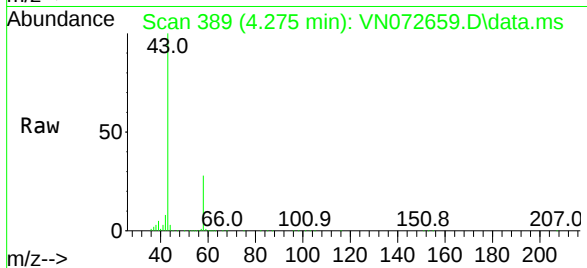
Tgt Ion: 53 Resp: 1166128
Ion Ratio Lower Upper
53 100
52 84.0 41.8 125.4
51 37.2 19.0 57.0





#15
Acetone
Concen: 546.858 ug/l
RT: 4.275 min Scan# 306208
Delta R.T. -0.006 min
Lab File: VN072659.D
Acq: 06 Jun 2022 12:05

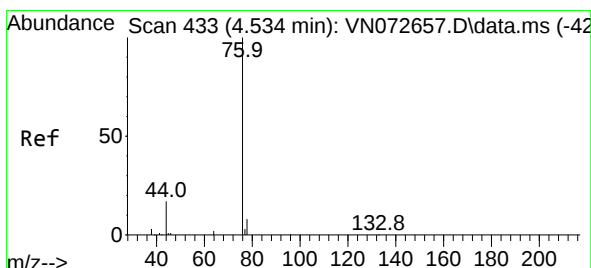
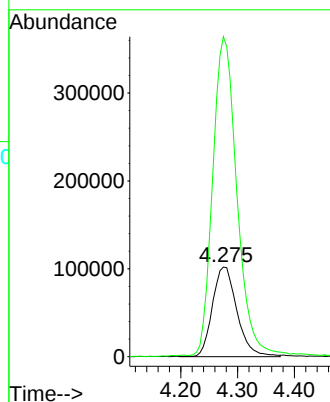
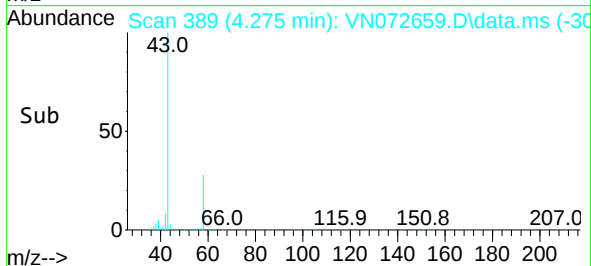
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



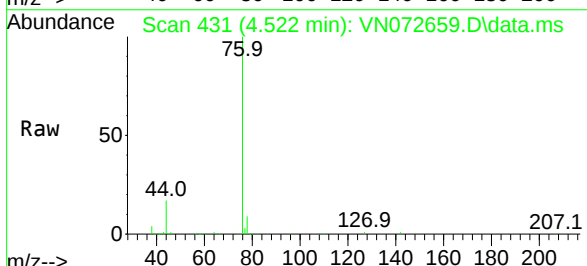
Tgt Ion: 58 Resp: 306208
Ion Ratio Lower Upper
58 100
43 356.4 256.6 384.8

Manual Integrations
APPROVED

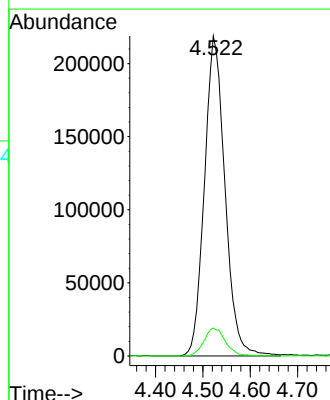
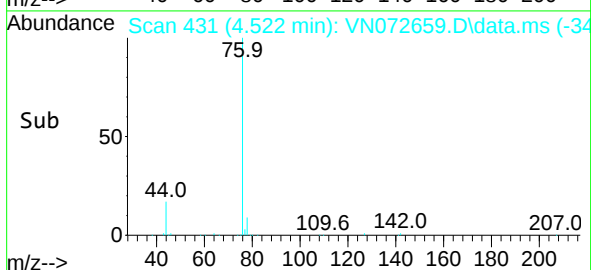
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022

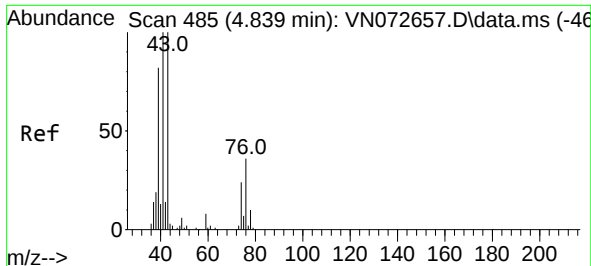


#16
Carbon Disulfide
Concen: 97.049 ug/l
RT: 4.522 min Scan# 431
Delta R.T. -0.012 min
Lab File: VN072659.D
Acq: 06 Jun 2022 12:05



Tgt Ion: 76 Resp: 659397
Ion Ratio Lower Upper
76 100
78 8.7 7.8 11.8





#17

Allyl chloride

Concen: 112.269 ug/l

RT: 4.834 min Scan# 41

Delta R.T. -0.006 min

Lab File: VN072659.D

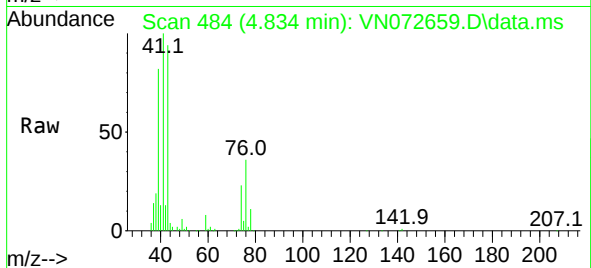
Acq: 06 Jun 2022 12:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100



Tgt Ion: 41 Resp: 60070

Ion Ratio Lower Upper

41 100

39 81.8 44.6 134.0

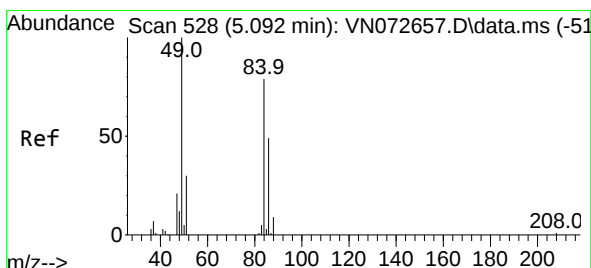
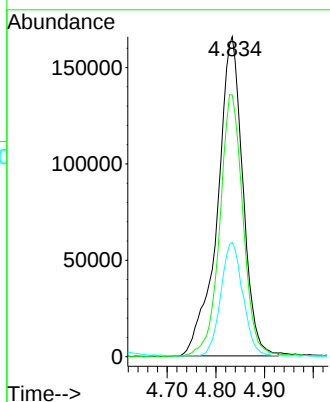
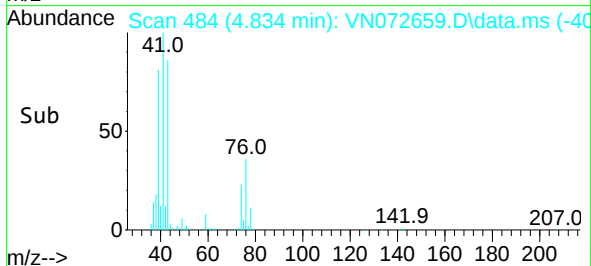
76 35.5 19.6 58.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/07/2022

Supervised By :Mahesh Dadoda 06/07/2022



#18

Methylene Chloride

Concen: 102.523 ug/l

RT: 5.087 min Scan# 527

Delta R.T. -0.006 min

Lab File: VN072659.D

Acq: 06 Jun 2022 12:05

Tgt Ion: 84 Resp: 336696

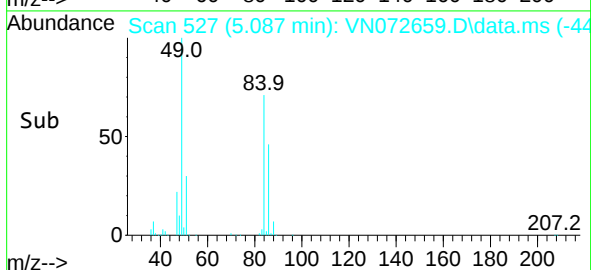
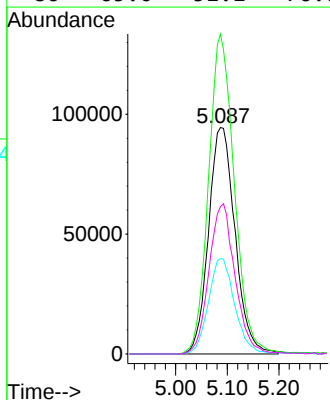
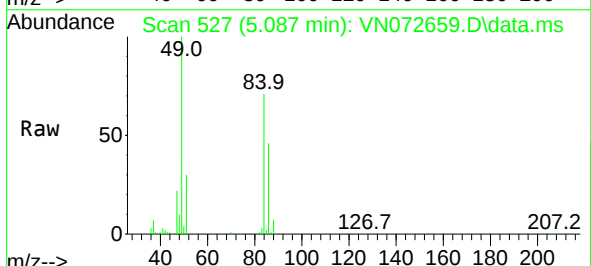
Ion Ratio Lower Upper

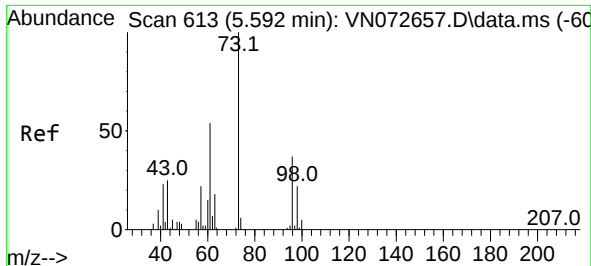
84 100

49 141.3 91.4 137.0#

51 42.1 29.4 44.0

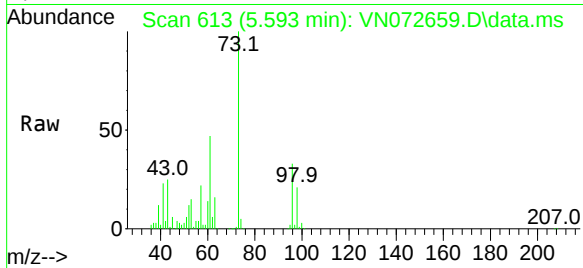
86 65.0 51.1 76.7





#19
trans-1,2-Dichloroethene
Concen: 105.471 ug/l
RT: 5.593 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN072659.D
Acq: 06 Jun 2022 12:05

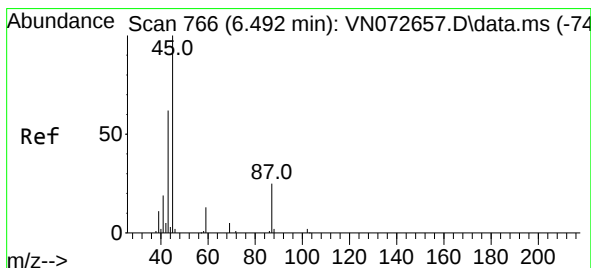
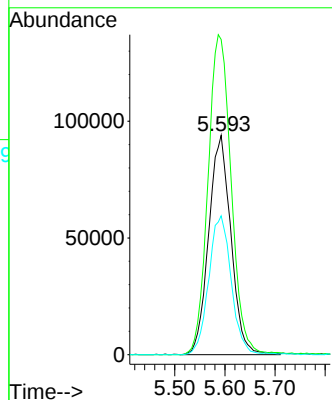
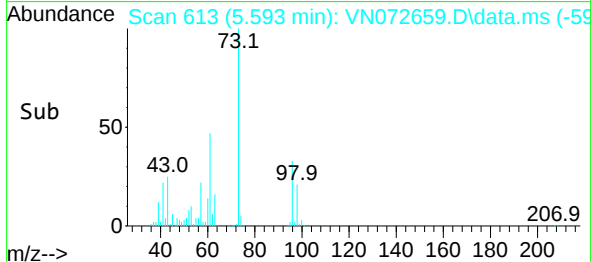
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



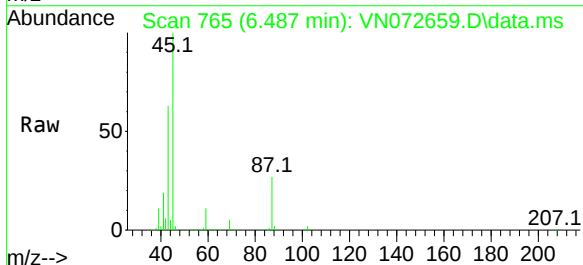
Tgt Ion: 96 Resp: 290307
Ion Ratio Lower Upper
96 100
61 143.7 102.8 154.2
98 63.4 49.3 73.9

Manual Integrations
APPROVED

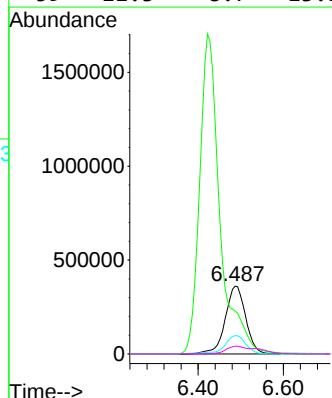
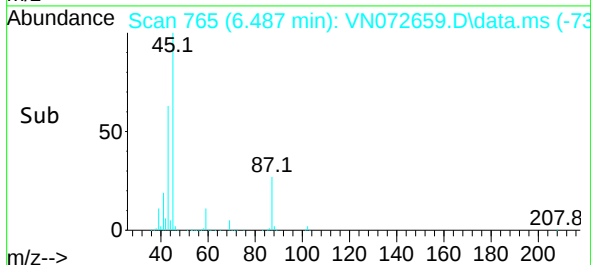
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022

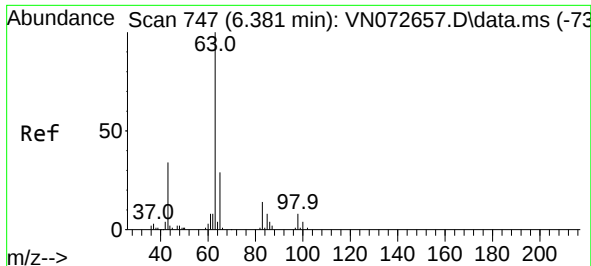


#20
Diisopropyl ether
Concen: 99.439 ug/l
RT: 6.487 min Scan# 765
Delta R.T. -0.006 min
Lab File: VN072659.D
Acq: 06 Jun 2022 12:05



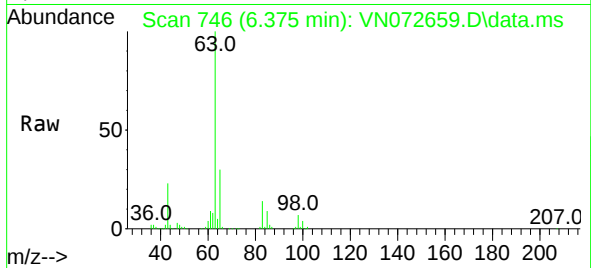
Tgt Ion: 45 Resp: 1203195
Ion Ratio Lower Upper
45 100
43 62.6 51.0 76.4
87 27.1 25.0 37.4
59 11.3 8.7 13.1





#21
1,1-Dichloroethane
Concen: 105.423 ug/l
RT: 6.375 min Scan# 747
Delta R.T. -0.006 min
Lab File: VN072659.D
Acq: 06 Jun 2022 12:05

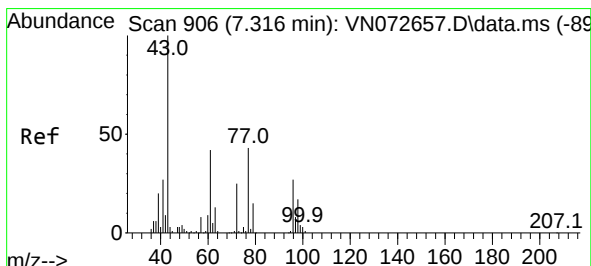
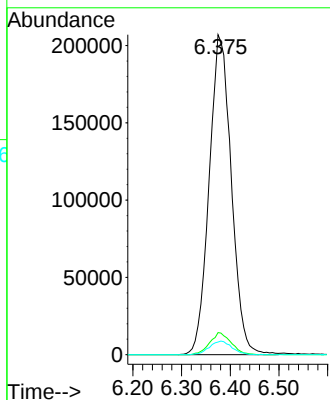
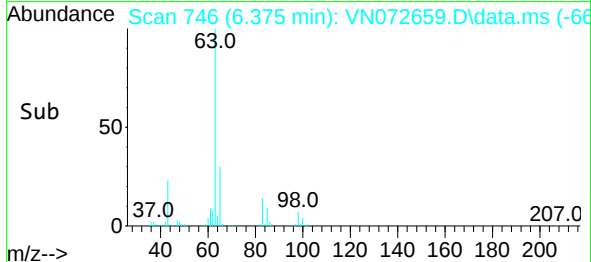
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



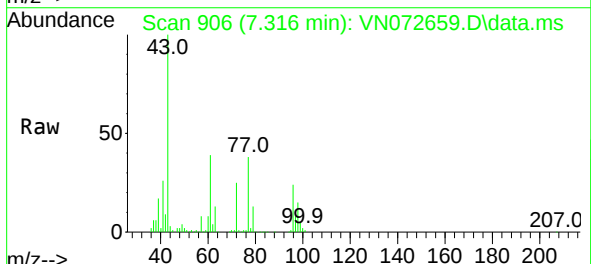
Tgt Ion: 63 Resp: 655208
Ion Ratio Lower Upper
63 100
98 6.9 3.2 9.6
100 3.9 2.1 6.2

Manual Integrations
APPROVED

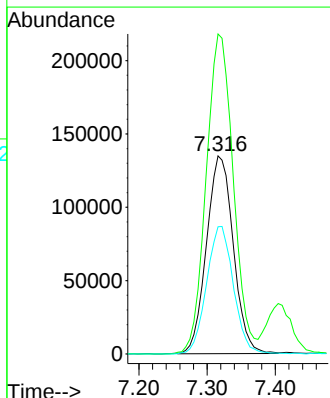
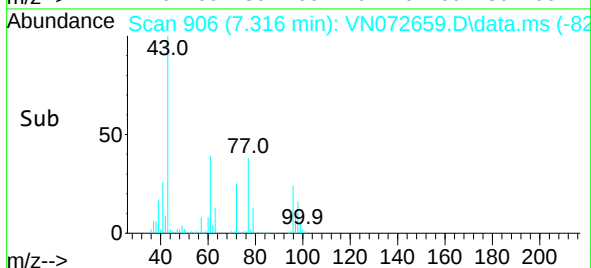
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022

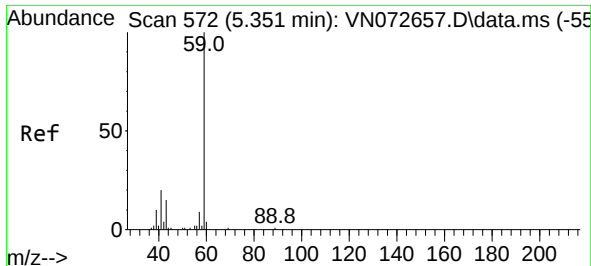


#22
cis-1,2-Dichloroethene
Concen: 104.457 ug/l
RT: 7.316 min Scan# 906
Delta R.T. 0.000 min
Lab File: VN072659.D
Acq: 06 Jun 2022 12:05



Tgt Ion: 96 Resp: 369867
Ion Ratio Lower Upper
96 100
61 163.5 115.7 173.5
98 64.5 51.6 77.4





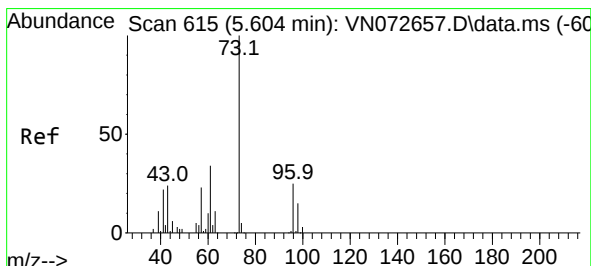
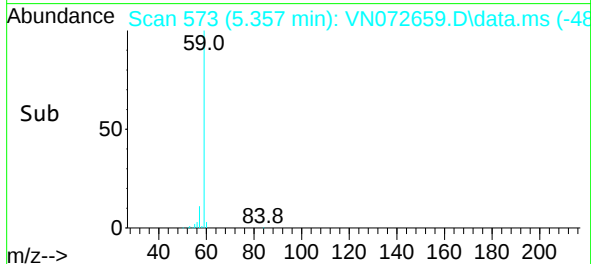
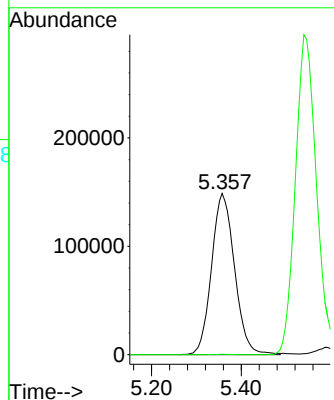
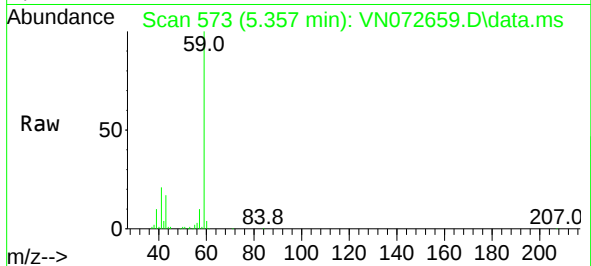
#23
tert-Butyl Alcohol
Concen: 658.321 ug/l
RT: 5.357 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN072659.D
Acq: 06 Jun 2022 12:05

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 59 Resp: 52970
Ion Ratio Lower Upper
59 100
52 0.1 0.0 0.0

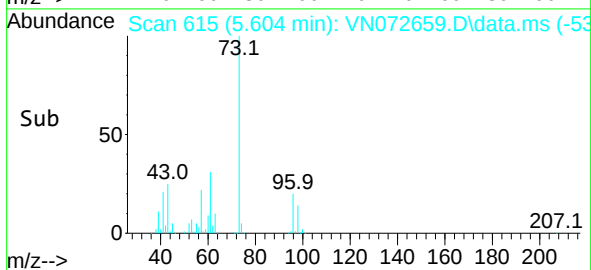
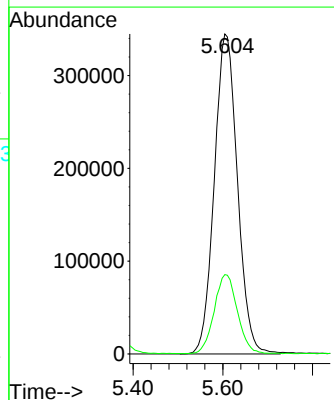
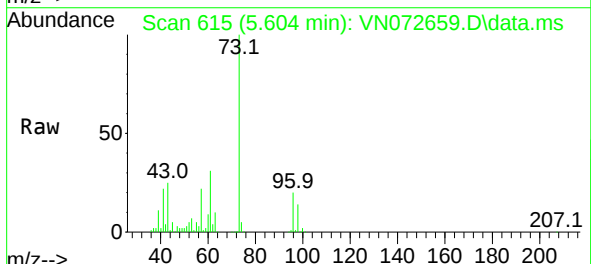
Manual Integrations
APPROVED

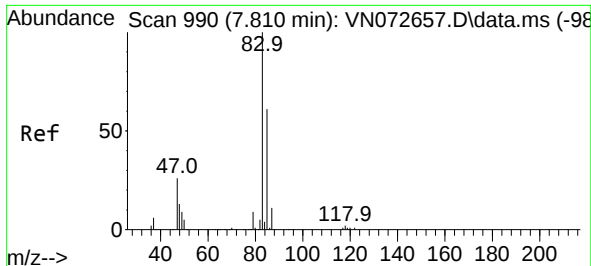
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022



#24
Methyl tert-Butyl Ether
Concen: 121.499 ug/l
RT: 5.604 min Scan# 615
Delta R.T. 0.000 min
Lab File: VN072659.D
Acq: 06 Jun 2022 12:05

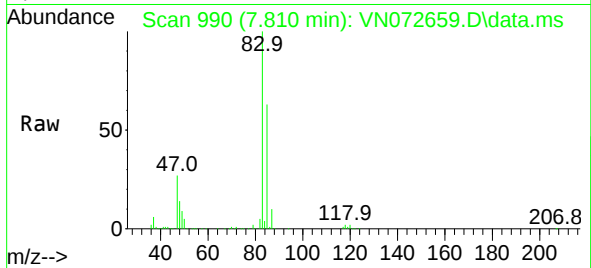
Tgt Ion: 73 Resp: 1236791
Ion Ratio Lower Upper
73 100
43 24.7 18.1 27.1





#25
Chloroform
Concen: 105.444 ug/l
RT: 7.810 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN072659.D
Acq: 06 Jun 2022 12:05

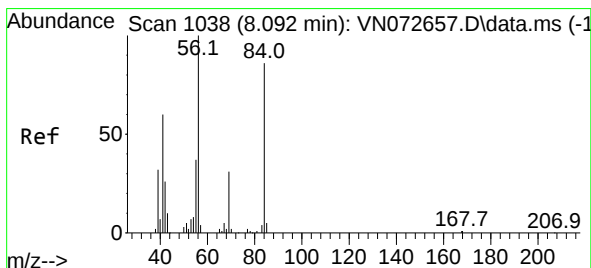
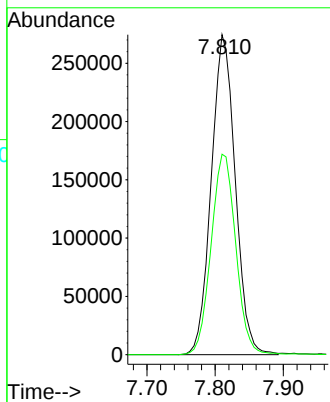
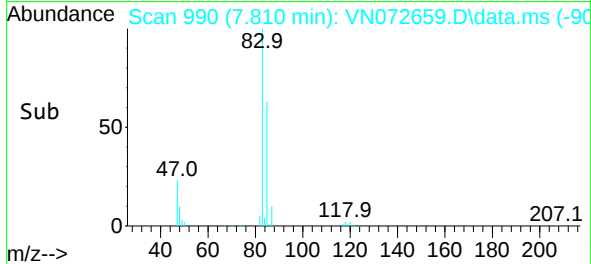
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



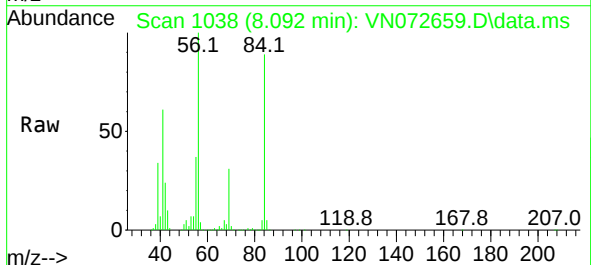
Tgt Ion: 83 Resp: 673134
Ion Ratio Lower Upper
83 100
85 62.7 51.3 76.9

Manual Integrations
APPROVED

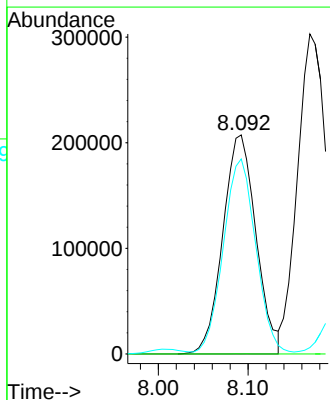
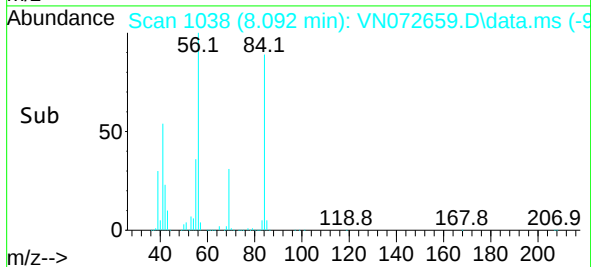
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022

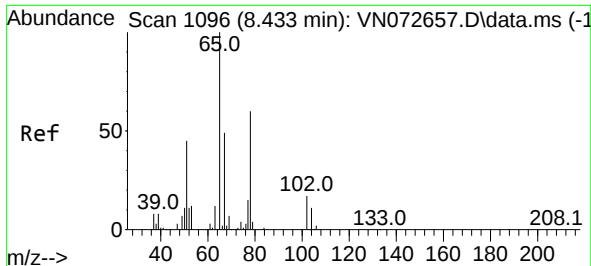


#26
Cyclohexane
Concen: 92.078 ug/l
RT: 8.092 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VN072659.D
Acq: 06 Jun 2022 12:05



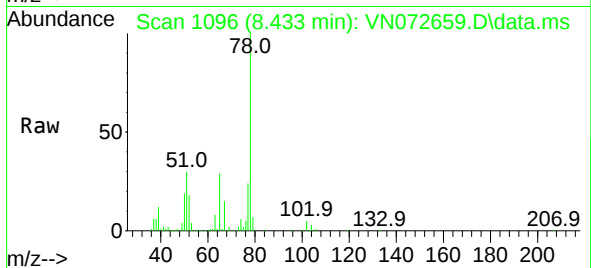
Tgt Ion: 56 Resp: 533254
Ion Ratio Lower Upper
56 100
89 0.0 0.1 0.1#
84 87.4 74.6 111.8





#27
1,2-Dichloroethane-d4
Concen: 33.485 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. 0.000 min
Lab File: VN072659.D
Acq: 06 Jun 2022 12:05

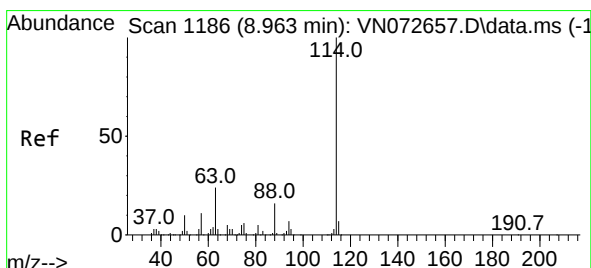
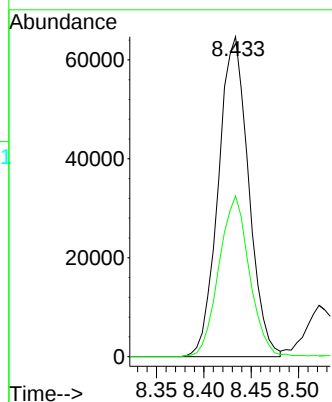
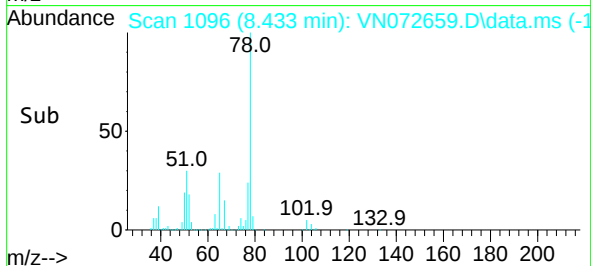
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



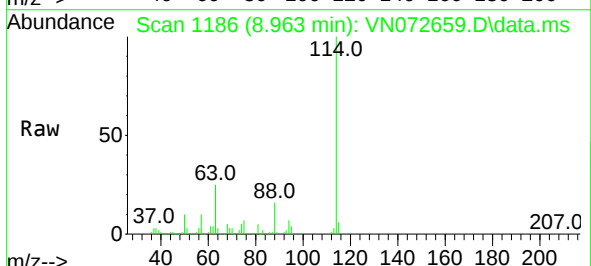
Tgt Ion: 65 Resp: 143570
Ion Ratio Lower Upper
65 100
67 50.6 40.2 60.2

Manual Integrations
APPROVED

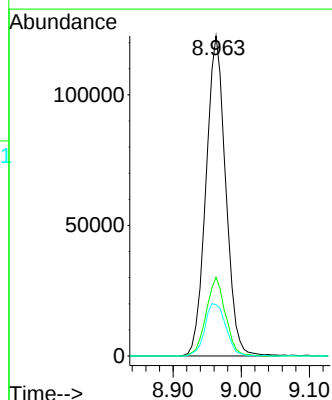
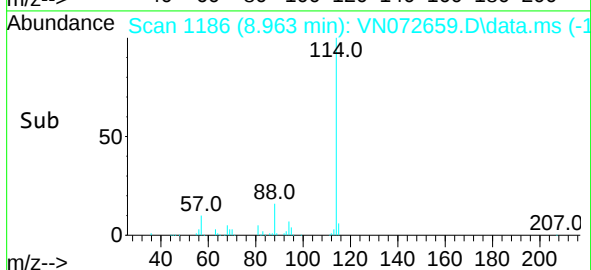
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022

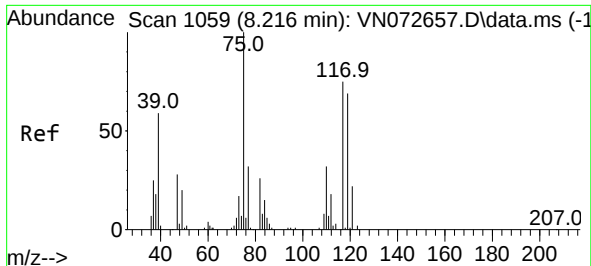


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. 0.000 min
Lab File: VN072659.D
Acq: 06 Jun 2022 12:05



Tgt Ion:114 Resp: 246276
Ion Ratio Lower Upper
114 100
63 24.1 15.8 23.6#
88 17.4 11.6 17.4





#29

1,1-Dichloropropene

Concen: 103.482 ug/l

RT: 8.216 min Scan# 1059

Delta R.T. 0.000 min

Lab File: VN072659.D

Acq: 06 Jun 2022 12:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion: 75 Resp: 469240

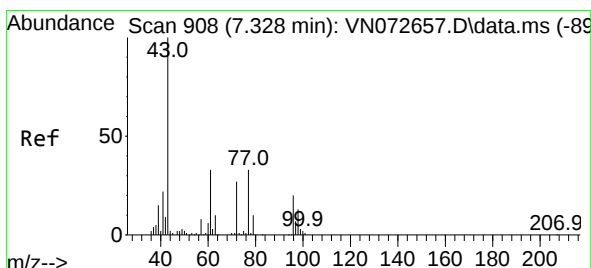
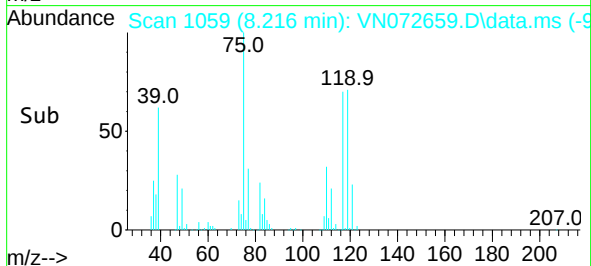
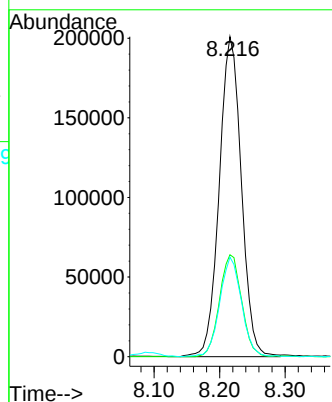
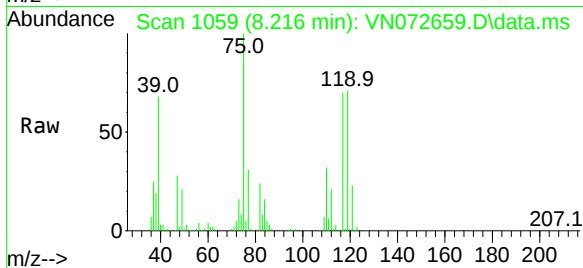
Ion	Ratio	Lower	Upper
75	100		
110	31.9	0.0	74.2
77	30.7	0.0	63.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/07/2022

Supervised By :Mahesh Dadoda 06/07/2022



#30

2-Butanone

Concen: 549.355 ug/l

RT: 7.328 min Scan# 908

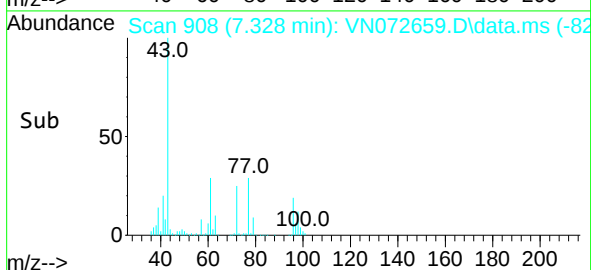
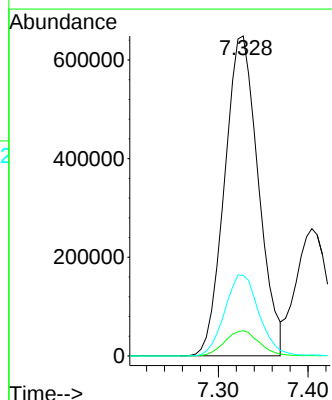
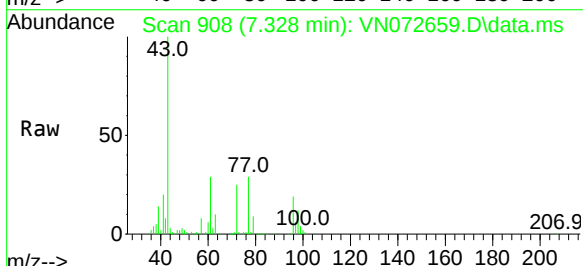
Delta R.T. 0.000 min

Lab File: VN072659.D

Acq: 06 Jun 2022 12:05

Tgt Ion: 43 Resp: 1694608

Ion	Ratio	Lower	Upper
43	100		
57	8.1	6.7	10.1
72	25.9	23.2	34.8





#31

2,2-Dichloropropane

Concen: 129.578 ug/l

RT: 7.322 min Scan# 906

Delta R.T. 0.006 min

Lab File: VN072659.D

Acq: 06 Jun 2022 12:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion: 77 Resp: 63279

Ion Ratio Lower Upper

77 100

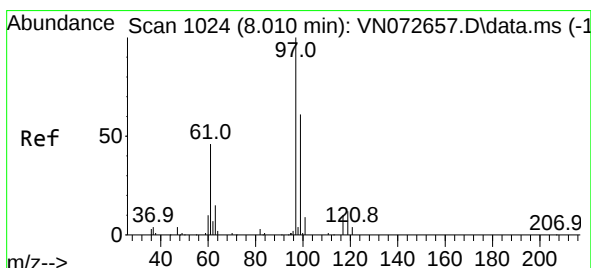
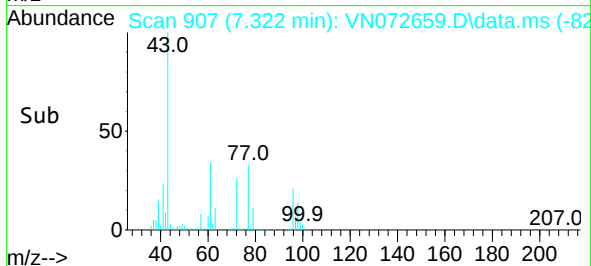
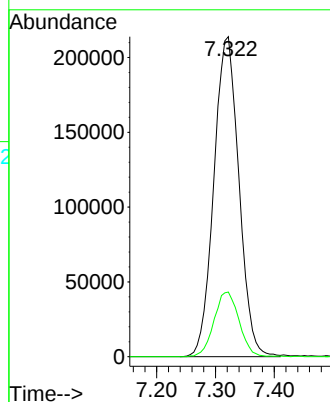
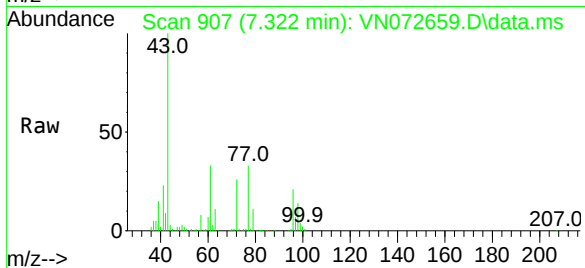
97 20.2 18.3 27.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/07/2022

Supervised By :Mahesh Dadoda 06/07/2022



#32

1,1,1-Trichloroethane

Concen: 117.420 ug/l

RT: 8.010 min Scan# 1024

Delta R.T. 0.000 min

Lab File: VN072659.D

Acq: 06 Jun 2022 12:05

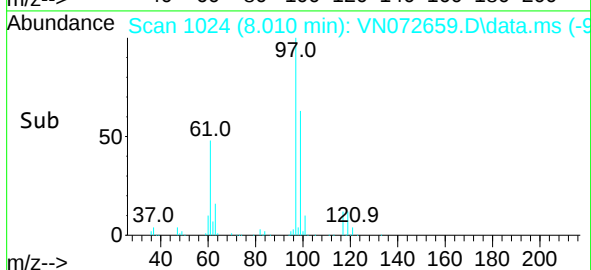
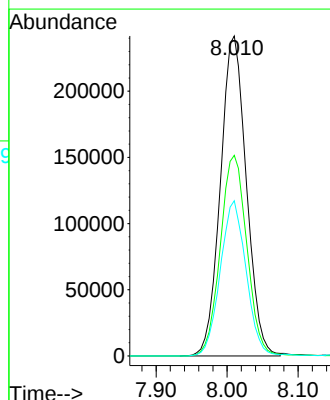
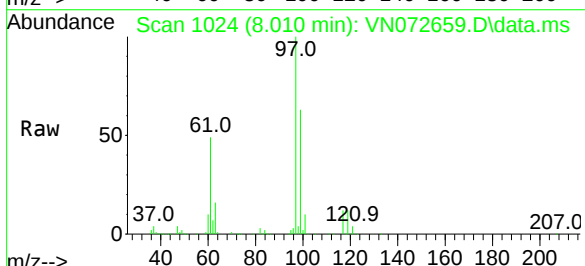
Tgt Ion: 97 Resp: 612611

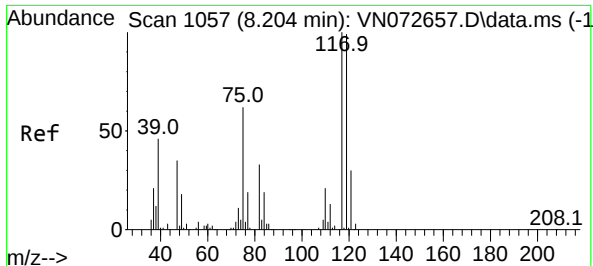
Ion Ratio Lower Upper

97 100

99 64.1 50.4 75.6

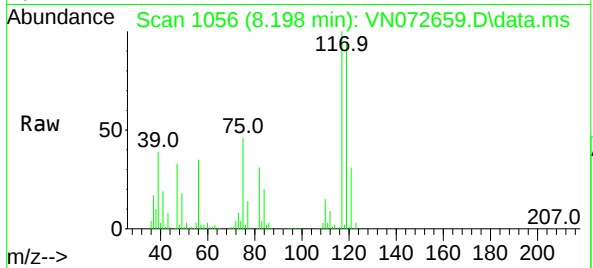
61 48.2 34.6 51.8





#33
Carbon Tetrachloride
Concen: 115.459 ug/l
RT: 8.198 min Scan# 1098
Delta R.T. -0.006 min
Lab File: VN072659.D
Acq: 06 Jun 2022 12:05

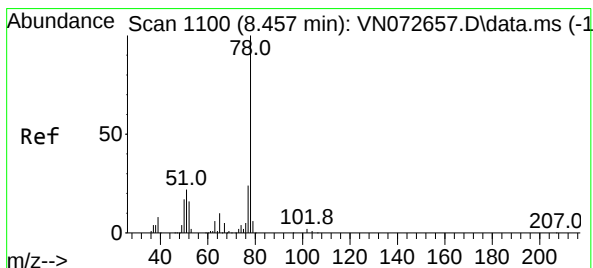
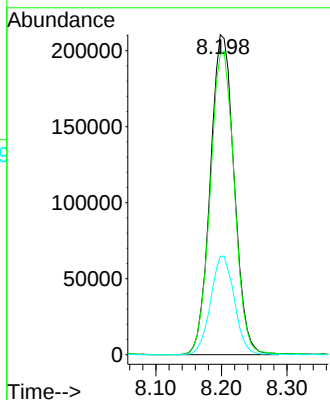
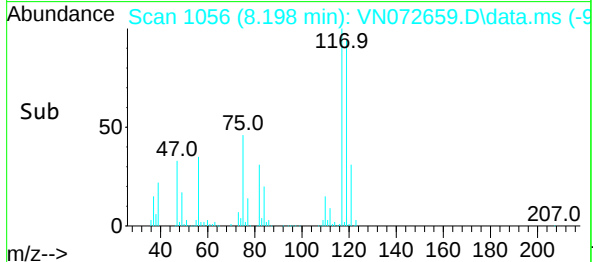
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



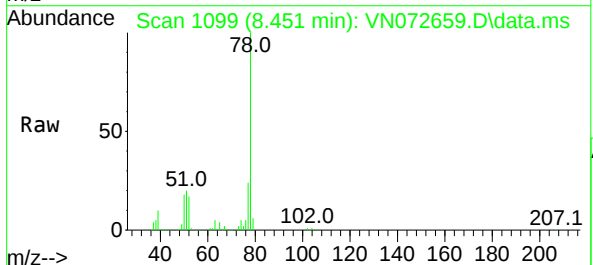
Tgt Ion:117 Resp: 532390
Ion Ratio Lower Upper
117 100
119 93.7 77.5 116.3
121 30.8 23.5 35.3

Manual Integrations
APPROVED

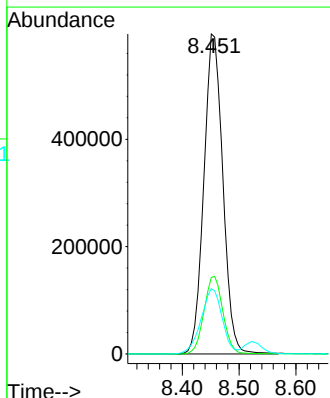
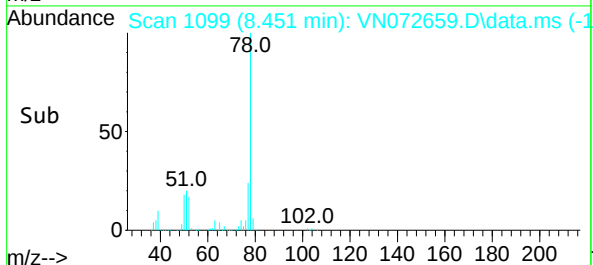
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022



#34
Benzene
Concen: 97.930 ug/l
RT: 8.451 min Scan# 1099
Delta R.T. -0.006 min
Lab File: VN072659.D
Acq: 06 Jun 2022 12:05



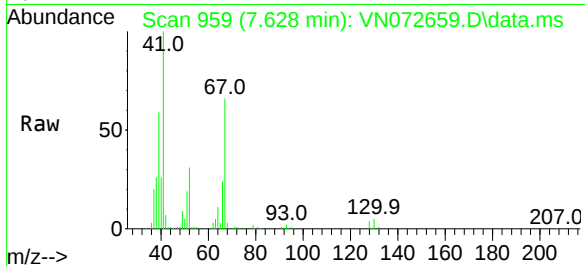
Tgt Ion: 78 Resp: 1381578
Ion Ratio Lower Upper
78 100
77 23.9 19.1 28.7
51 20.2 16.0 24.0





#35
Methacrylonitrile
Concen: 106.873 ug/l
RT: 7.628 min Scan# 911
Delta R.T. 0.000 min
Lab File: VN072659.D
Acq: 06 Jun 2022 12:05

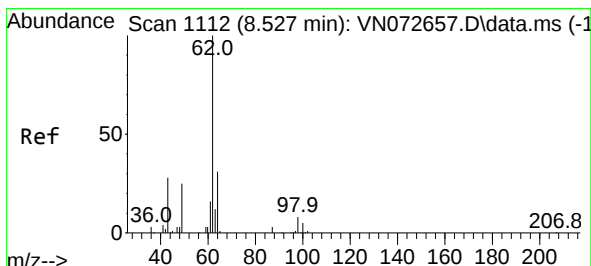
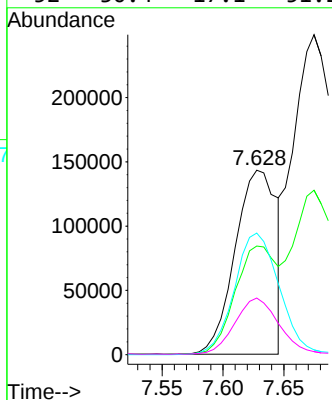
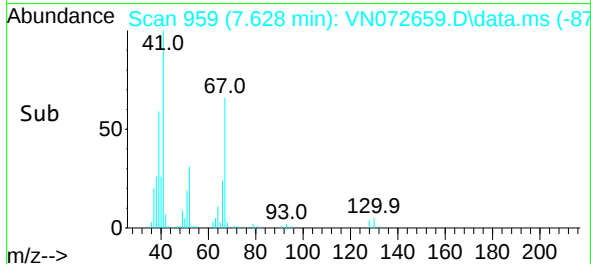
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



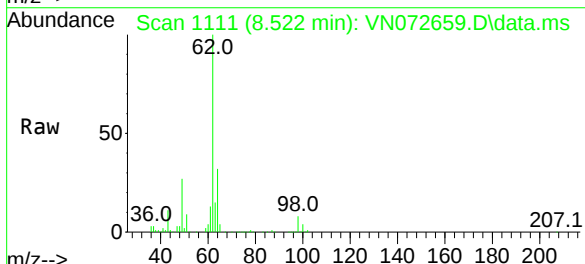
Tgt Ion: 41 Resp: 339049
Ion Ratio Lower Upper
41 100
39 58.8 28.0 83.9
67 66.0 37.7 113.1
52 30.4 17.1 51.2

Manual Integrations
APPROVED

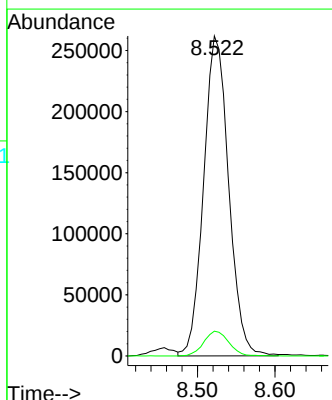
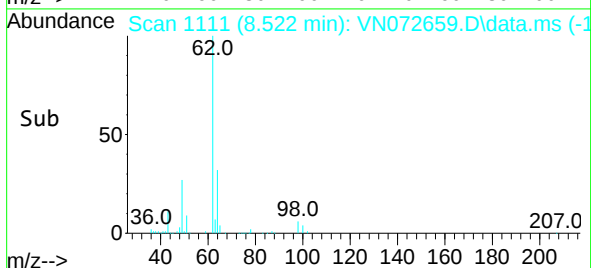
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022

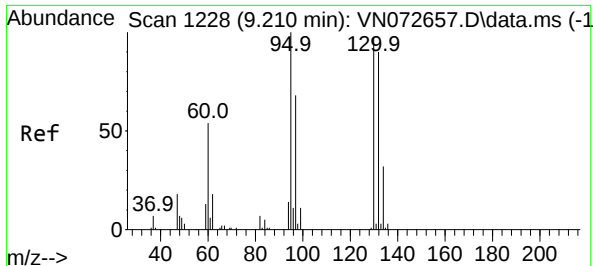


#36
1,2-Dichloroethane
Concen: 120.688 ug/l
RT: 8.522 min Scan# 1111
Delta R.T. -0.006 min
Lab File: VN072659.D
Acq: 06 Jun 2022 12:05



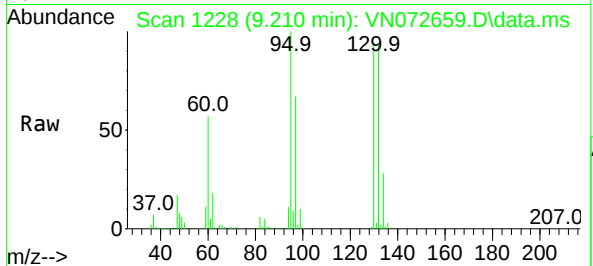
Tgt Ion: 62 Resp: 588421
Ion Ratio Lower Upper
62 100
98 7.8 6.6 10.0





#37
Trichloroethene
Concen: 99.395 ug/l
RT: 9.210 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VN072659.D
Acq: 06 Jun 2022 12:05

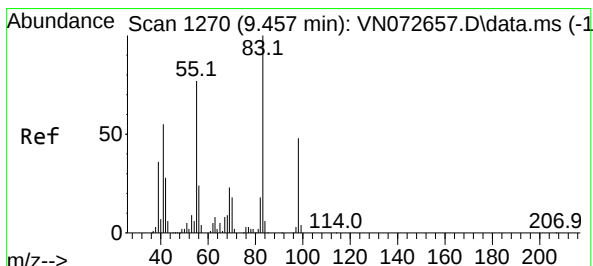
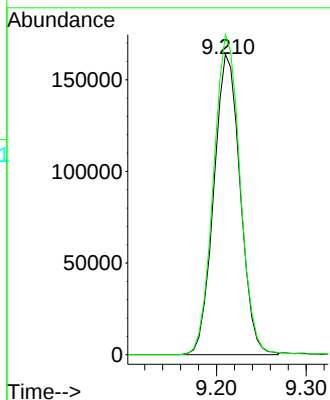
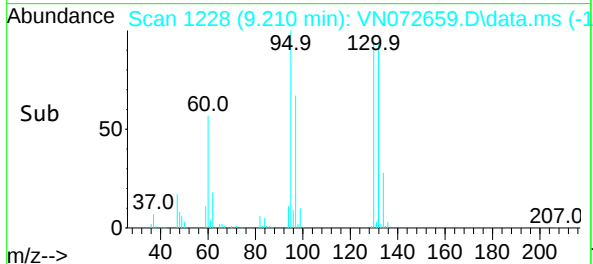
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



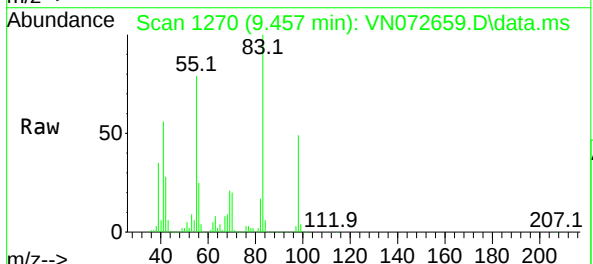
Tgt Ion:130 Resp: 334824
Ion Ratio Lower Upper
130 100
95 106.5 76.6 115.0

Manual Integrations
APPROVED

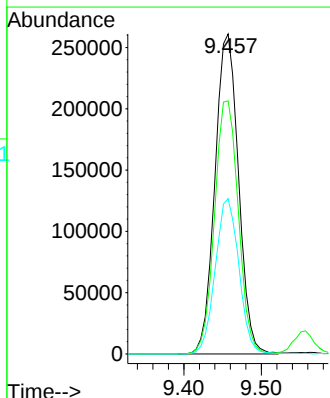
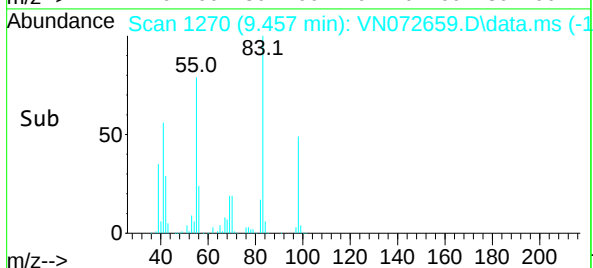
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022

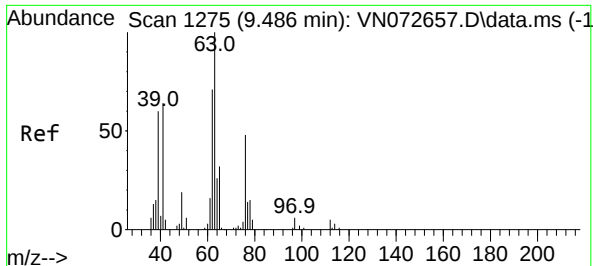


#38
Methylcyclohexane
Concen: 98.453 ug/l
RT: 9.457 min Scan# 1270
Delta R.T. 0.000 min
Lab File: VN072659.D
Acq: 06 Jun 2022 12:05



Tgt Ion: 83 Resp: 551253
Ion Ratio Lower Upper
83 100
55 80.0 35.1 105.3
98 48.8 23.4 70.2





#39

1,2-Dichloropropane

Concen: 100.934 ug/l

RT: 9.486 min Scan# 1275

Delta R.T. 0.000 min

Lab File: VN072659.D

Acq: 06 Jun 2022 12:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion: 63 Resp: 38222

Ion Ratio Lower Upper

63 100

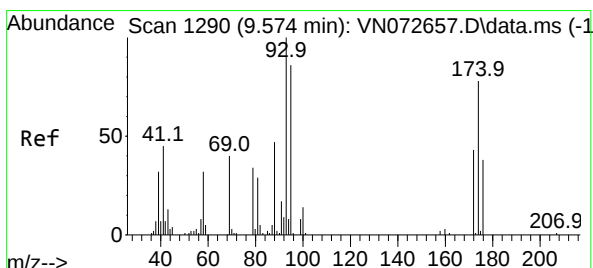
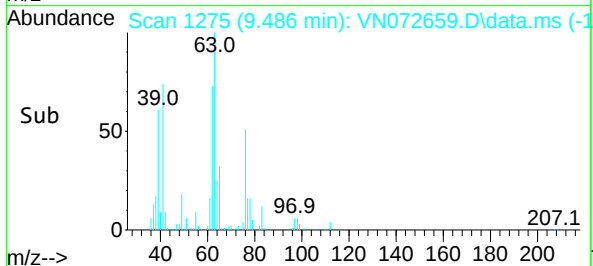
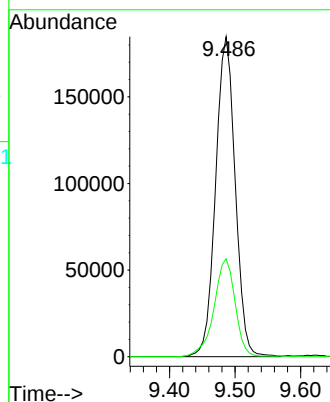
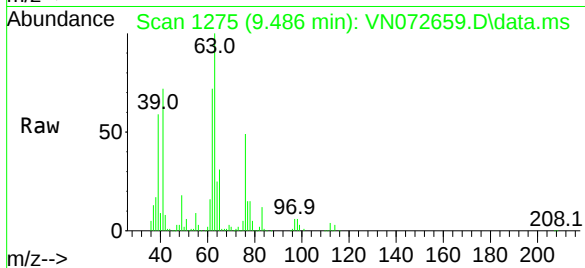
65 30.6 24.2 36.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/07/2022

Supervised By :Mahesh Dadoda 06/07/2022



#40

Dibromomethane

Concen: 108.277 ug/l

RT: 9.575 min Scan# 1290

Delta R.T. 0.000 min

Lab File: VN072659.D

Acq: 06 Jun 2022 12:05

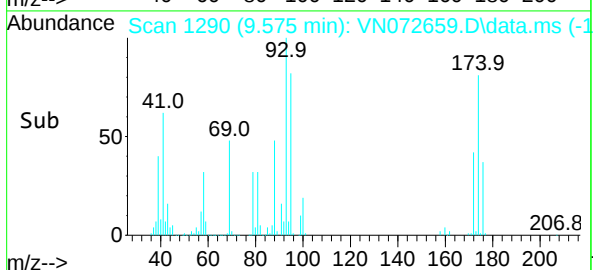
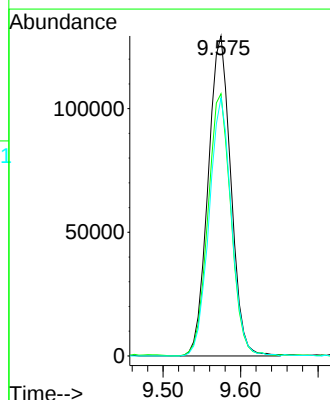
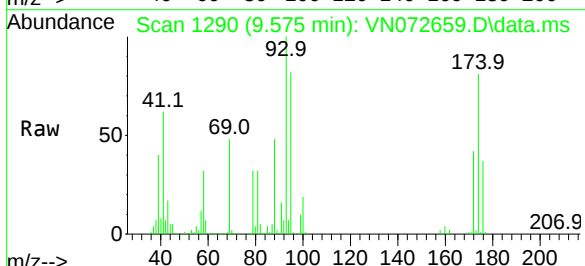
Tgt Ion: 93 Resp: 264212

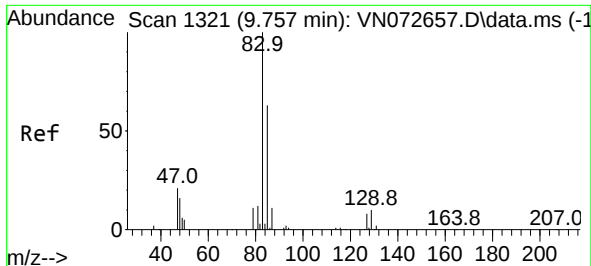
Ion Ratio Lower Upper

93 100

95 82.3 0.0 168.8

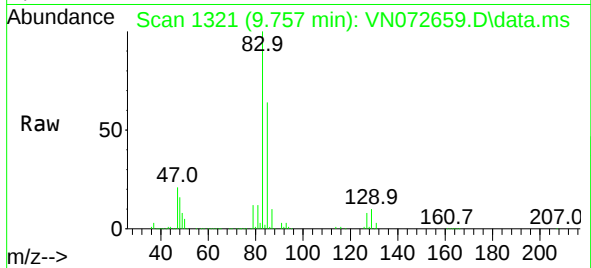
174 78.9 0.0 173.6





#41
Bromodichloromethane
Concen: 114.670 ug/l
RT: 9.757 min Scan# 1321
Delta R.T. 0.000 min
Lab File: VN072659.D
Acq: 06 Jun 2022 12:05

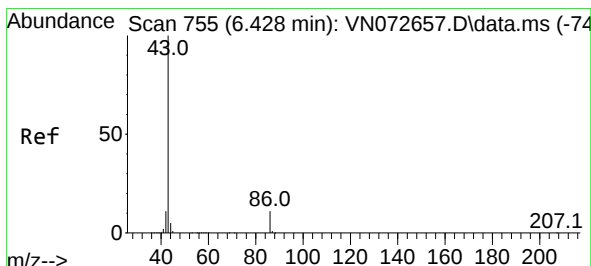
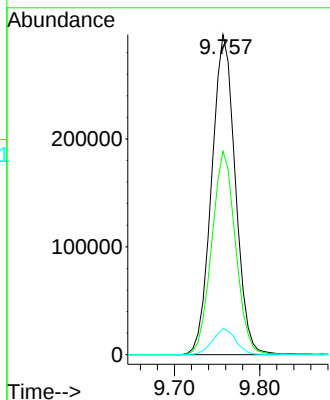
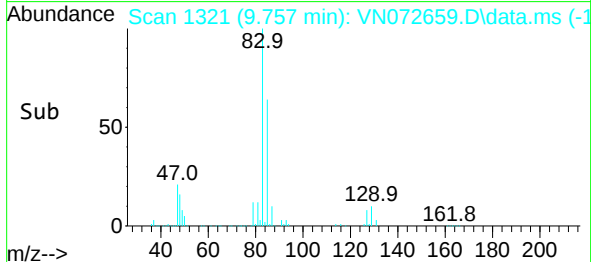
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



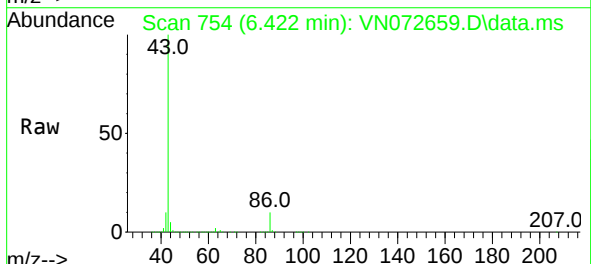
Tgt Ion: 83 Resp: 571793
Ion Ratio Lower Upper
83 100
85 63.6 54.1 81.1
127 8.2 7.6 11.4

Manual Integrations
APPROVED

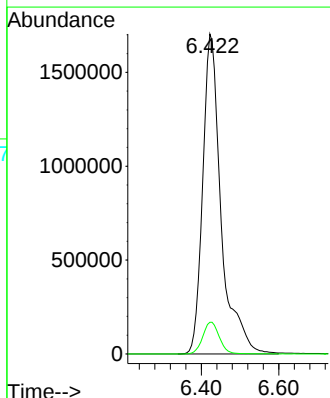
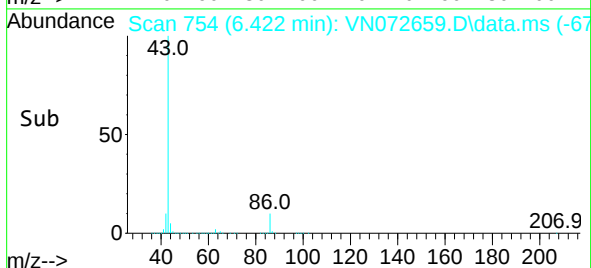
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022

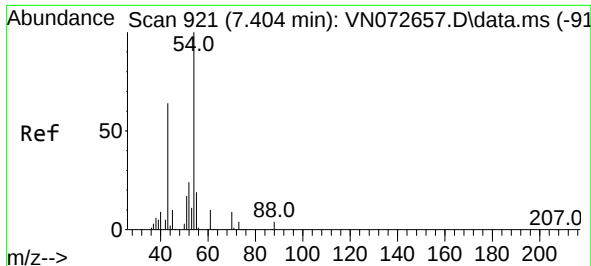


#42
Vinyl Acetate
Concen: 555.430 ug/l
RT: 6.422 min Scan# 754
Delta R.T. -0.006 min
Lab File: VN072659.D
Acq: 06 Jun 2022 12:05



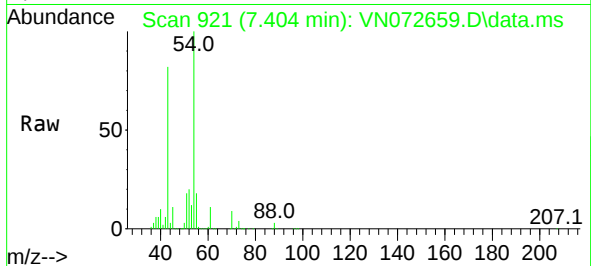
Tgt Ion: 43 Resp: 5621198
Ion Ratio Lower Upper
43 100
86 9.0 7.5 11.3





#43
Ethyl Acetate
Concen: 110.890 ug/l
RT: 7.404 min Scan# 911
Delta R.T. 0.000 min
Lab File: VN072659.D
Acq: 06 Jun 2022 12:05

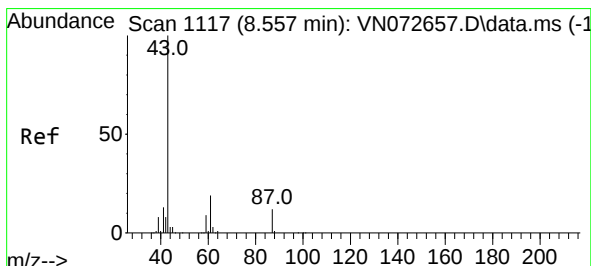
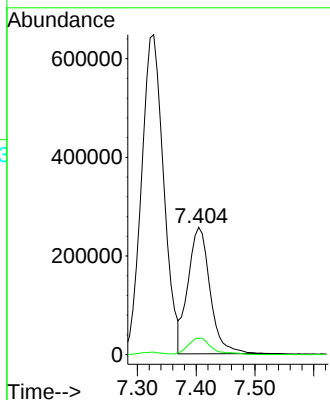
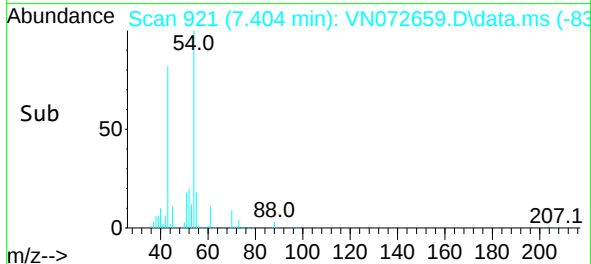
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



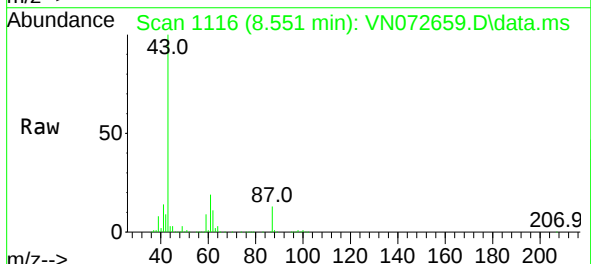
Tgt Ion: 43 Resp: 666750
Ion Ratio Lower Upper
43 100
45 14.2 10.6 16.0

Manual Integrations
APPROVED

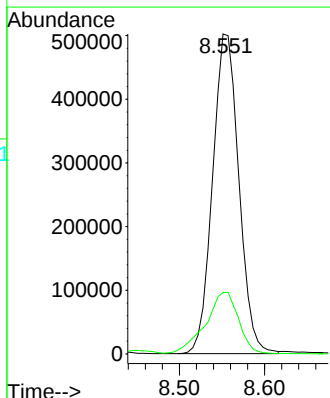
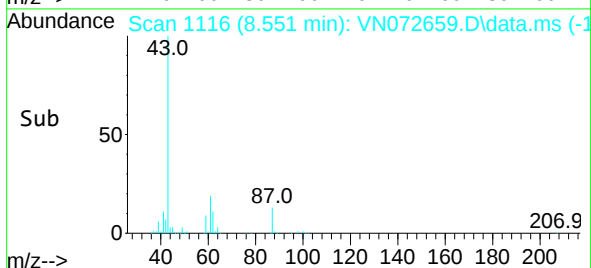
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022

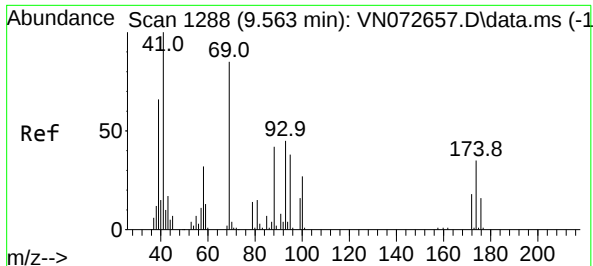


#44
Isopropyl Acetate
Concen: 113.872 ug/l
RT: 8.551 min Scan# 1116
Delta R.T. -0.006 min
Lab File: VN072659.D
Acq: 06 Jun 2022 12:05



Tgt Ion: 43 Resp: 1075993
Ion Ratio Lower Upper
43 100
61 24.6 20.1 30.1





#45

1,4-Dioxane

Concen: 2267.152 ug/l

RT: 9.563 min Scan# 1288

Delta R.T. 0.000 min

Lab File: VN072659.D

Acq: 06 Jun 2022 12:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion: 88 Resp: 17941

Ion Ratio Lower Upper

88 100

43 35.8 25.0 37.6

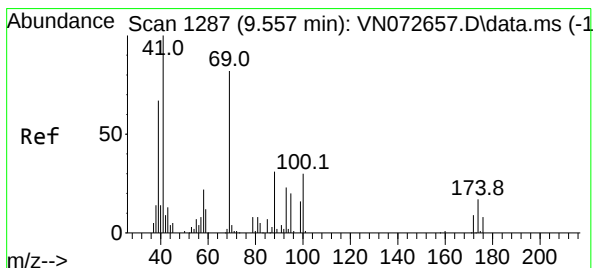
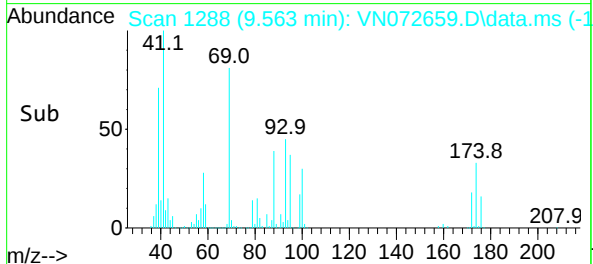
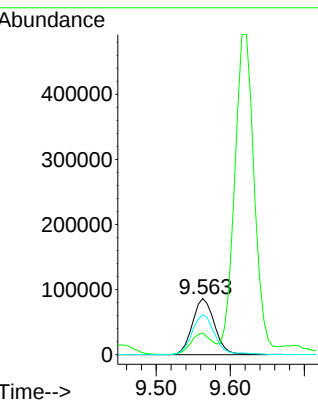
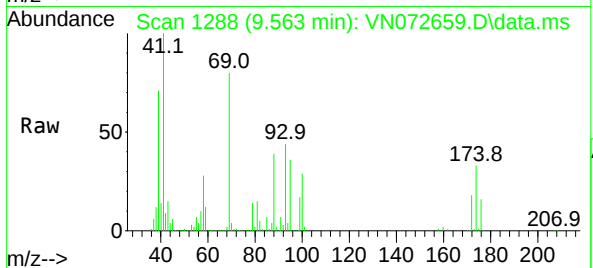
58 71.5 49.4 74.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/07/2022

Supervised By :Mahesh Dadoda 06/07/2022



#46

Methyl methacrylate

Concen: 110.017 ug/l

RT: 9.557 min Scan# 1287

Delta R.T. 0.000 min

Lab File: VN072659.D

Acq: 06 Jun 2022 12:05

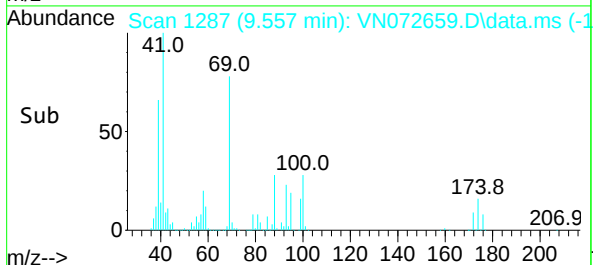
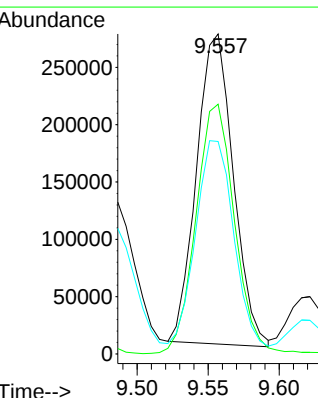
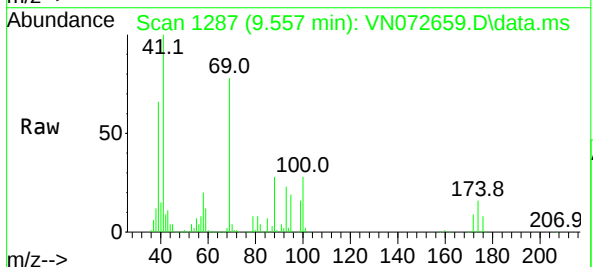
Tgt Ion: 41 Resp: 487422

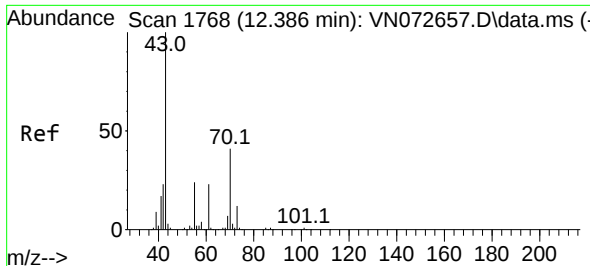
Ion Ratio Lower Upper

41 100

69 79.4 44.4 133.2

39 66.6 39.9 119.6





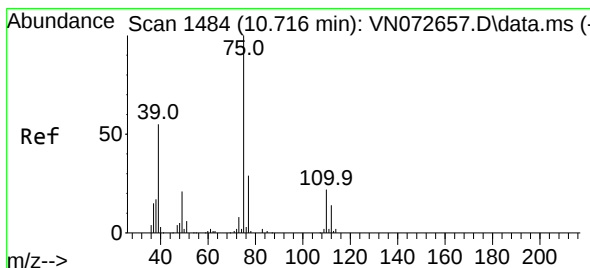
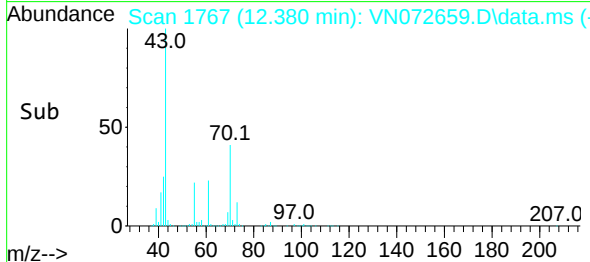
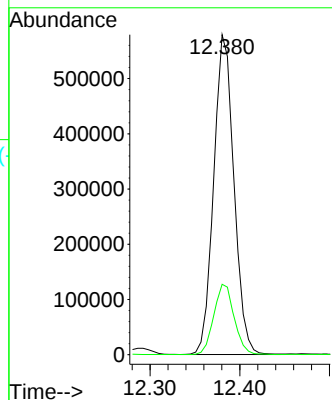
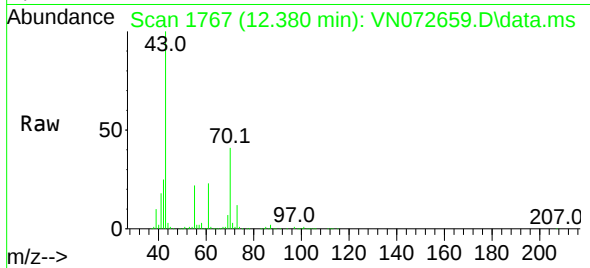
#47
n-amy1 Acetate
Concen: 131.469 ug/l
RT: 12.380 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN072659.D
Acq: 06 Jun 2022 12:05

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 90566
Ion Ratio Lower Upper
43 100
55 22.2 19.0 28.6

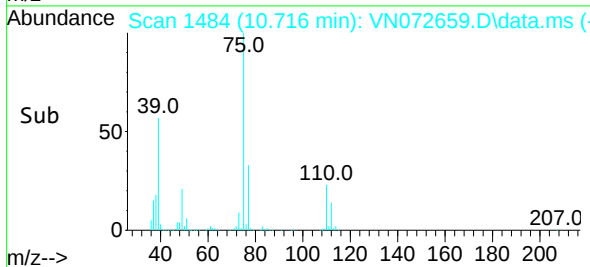
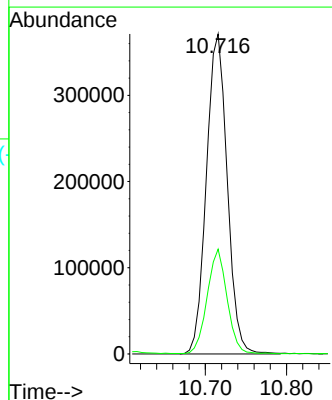
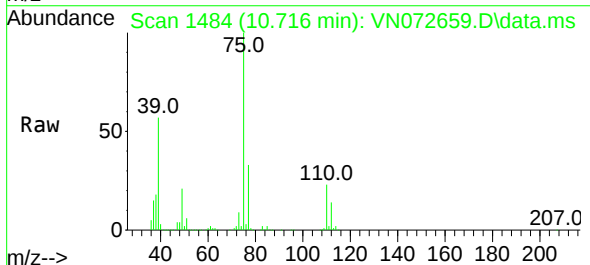
Manual Integrations
APPROVED

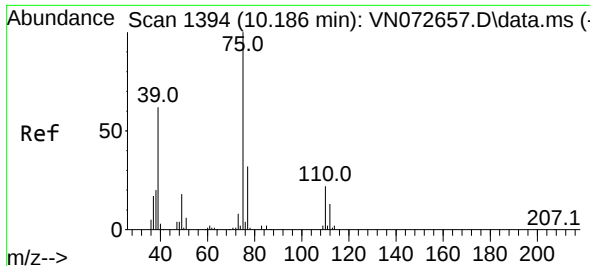
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022



#48
t-1,3-Dichloropropene
Concen: 121.572 ug/l
RT: 10.716 min Scan# 1484
Delta R.T. 0.000 min
Lab File: VN072659.D
Acq: 06 Jun 2022 12:05

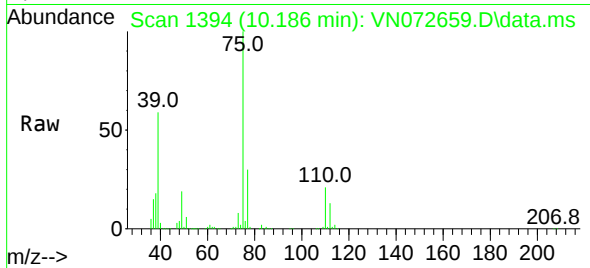
Tgt Ion: 75 Resp: 661702
Ion Ratio Lower Upper
75 100
77 32.6 25.3 37.9





#49
 cis-1,3-Dichloropropene
 Concen: 114.262 ug/l
 RT: 10.186 min Scan# 1394
 Delta R.T. 0.000 min
 Lab File: VN072659.D
 Acq: 06 Jun 2022 12:05

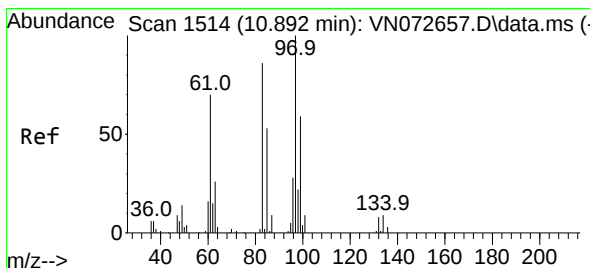
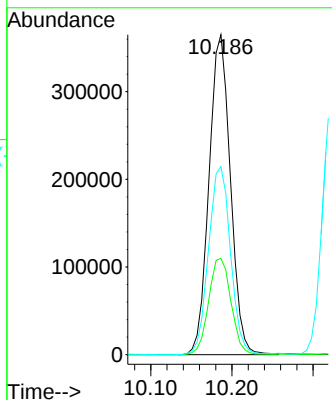
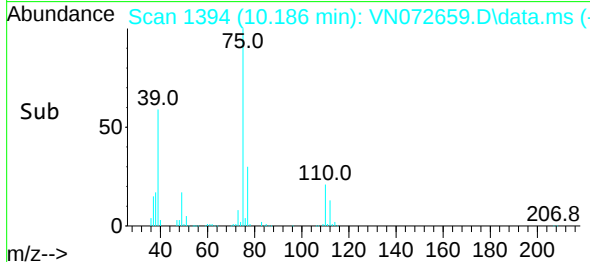
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100



Tgt Ion: 75 Resp: 669059
 Ion Ratio Lower Upper
 75 100
 77 30.1 25.3 37.9
 39 58.7 46.2 69.4

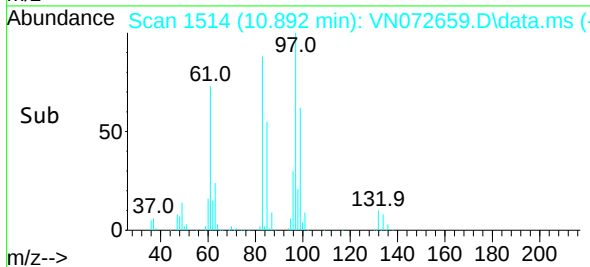
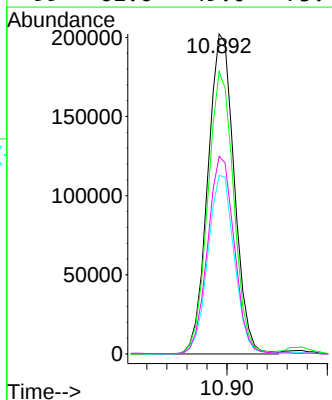
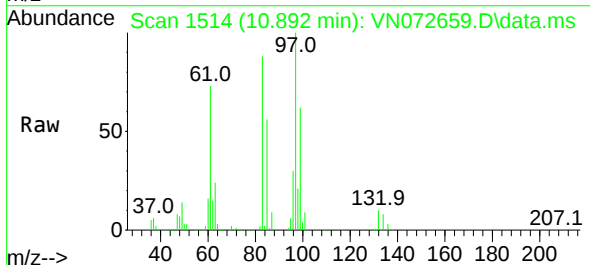
Manual Integrations
 APPROVED

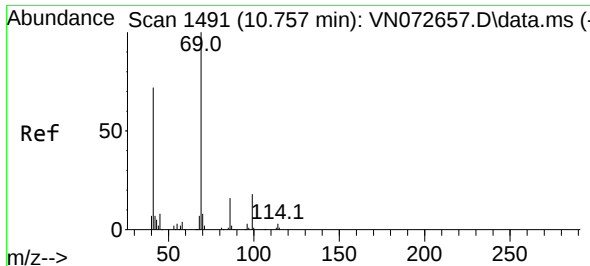
Reviewed By :John Carlone 06/07/2022
 Supervised By :Mahesh Dadoda 06/07/2022



#50
 1,1,2-Trichloroethane
 Concen: 103.780 ug/l
 RT: 10.892 min Scan# 1514
 Delta R.T. 0.000 min
 Lab File: VN072659.D
 Acq: 06 Jun 2022 12:05

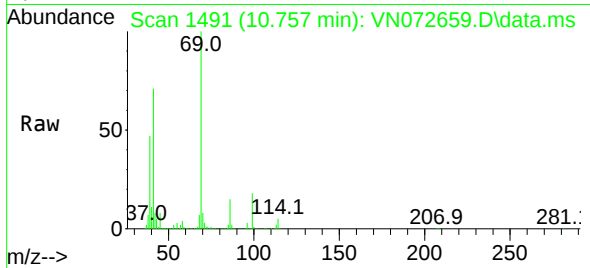
Tgt Ion: 97 Resp: 369918
 Ion Ratio Lower Upper
 97 100
 83 88.1 67.2 100.8
 85 55.7 43.0 64.4
 99 61.6 49.0 73.4





#51
Ethyl methacrylate
Concen: 113.588 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. 0.000 min
Lab File: VN072659.D
Acq: 06 Jun 2022 12:05

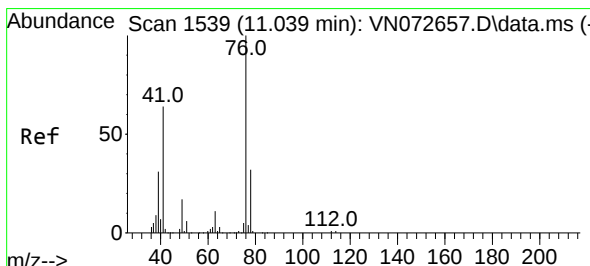
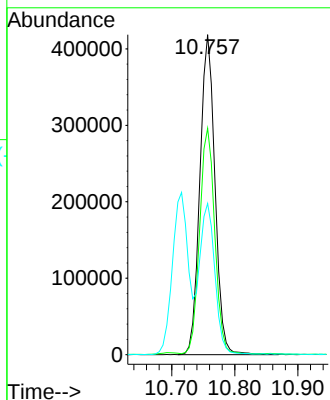
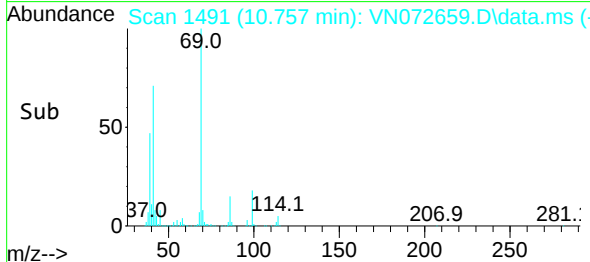
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



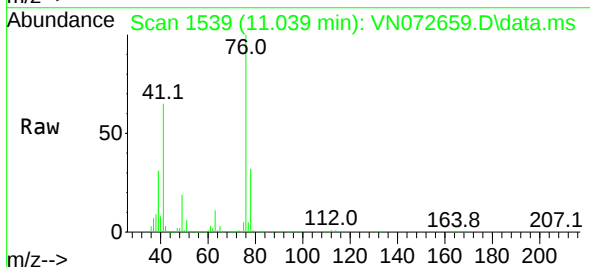
Tgt Ion: 69 Resp: 693720
Ion Ratio Lower Upper
69 100
41 70.4 33.0 98.9
39 47.0 25.4 76.4

Manual Integrations
APPROVED

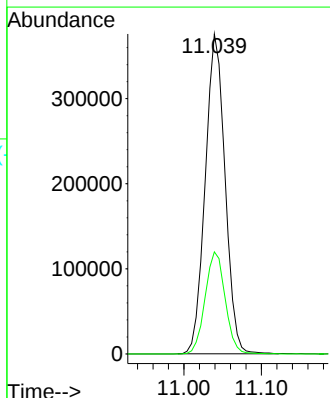
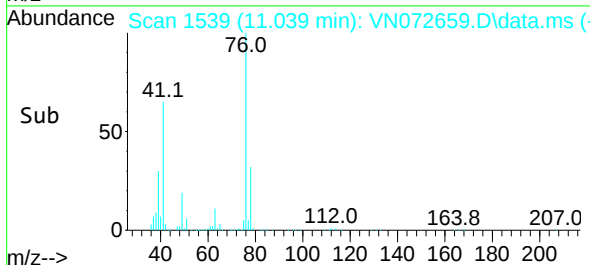
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022

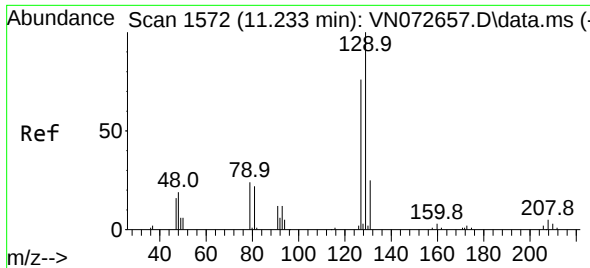


#52
1,3-Dichloropropane
Concen: 105.622 ug/l
RT: 11.039 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VN072659.D
Acq: 06 Jun 2022 12:05



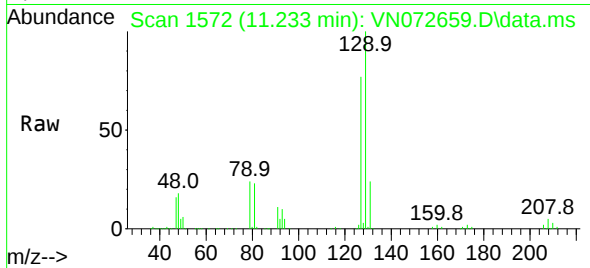
Tgt Ion: 76 Resp: 666897
Ion Ratio Lower Upper
76 100
78 32.3 0.0 65.4





#53
Dibromochloromethane
Concen: 113.616 ug/l
RT: 11.233 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN072659.D
Acq: 06 Jun 2022 12:05

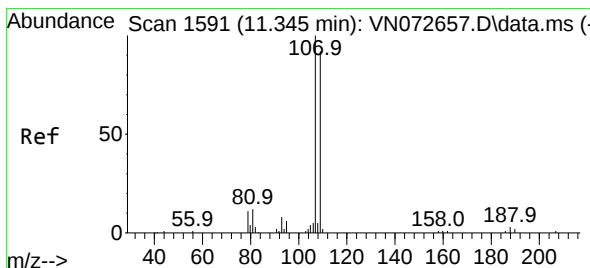
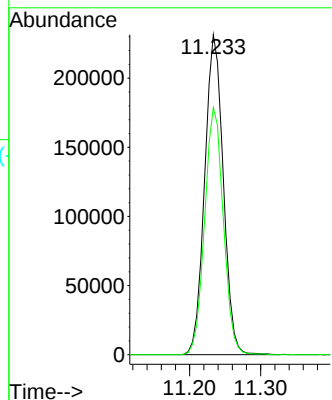
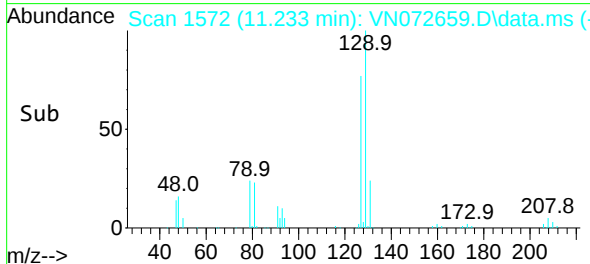
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



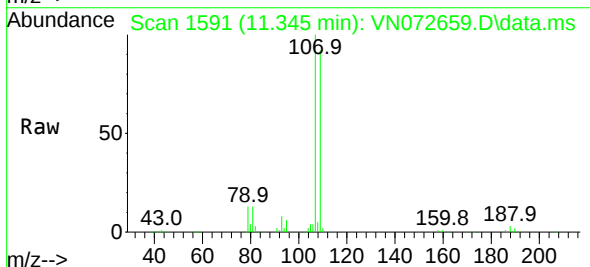
Tgt Ion:129 Resp: 421608
Ion Ratio Lower Upper
129 100
127 77.7 39.0 117.0

Manual Integrations
APPROVED

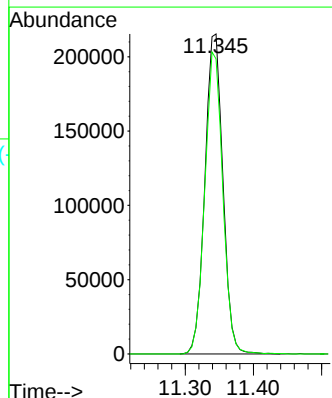
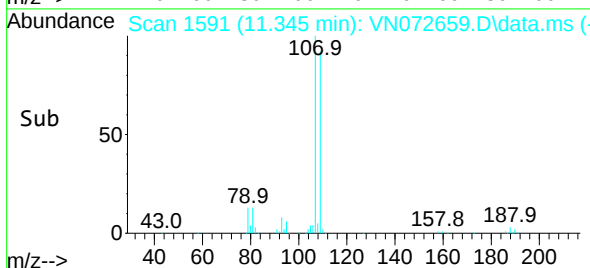
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022

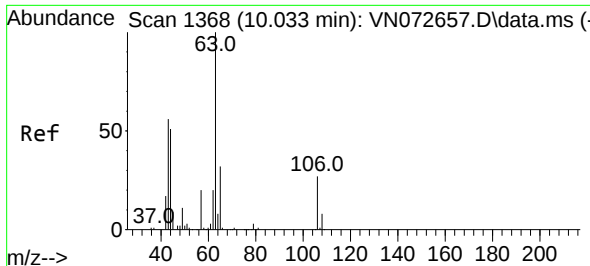


#54
1,2-Dibromoethane
Concen: 107.700 ug/l
RT: 11.345 min Scan# 1591
Delta R.T. 0.000 min
Lab File: VN072659.D
Acq: 06 Jun 2022 12:05



Tgt Ion:107 Resp: 394770
Ion Ratio Lower Upper
107 100
109 94.2 72.8 109.2





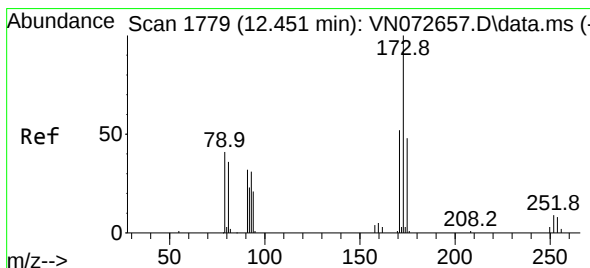
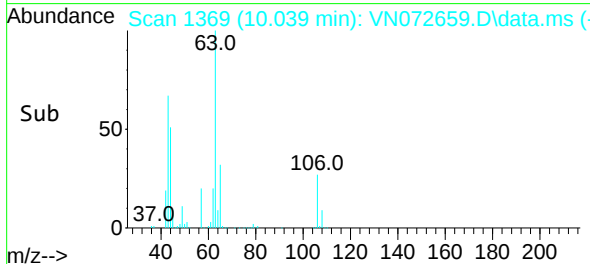
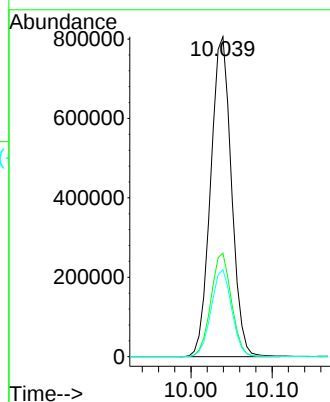
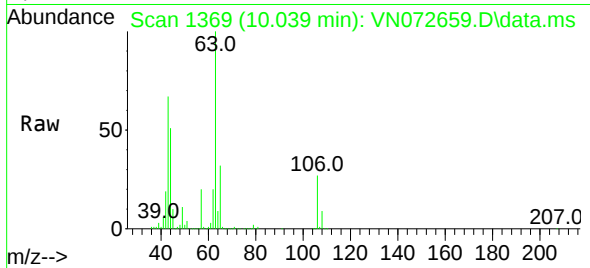
#55
2-Chloroethyl vinyl ether
Concen: 545.008 ug/l
RT: 10.039 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN072659.D
Acq: 06 Jun 2022 12:05

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 63 Resp: 143184
Ion Ratio Lower Upper
63 100
65 32.0 25.4 38.0
106 26.9 23.2 34.8

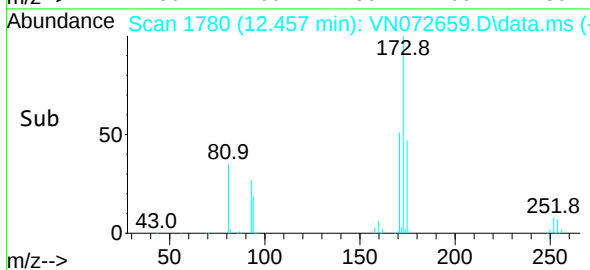
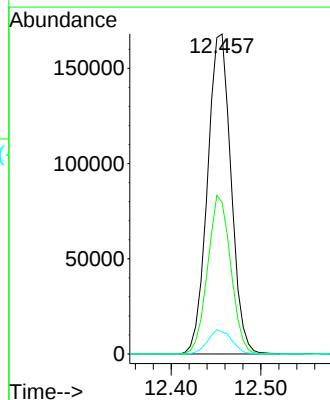
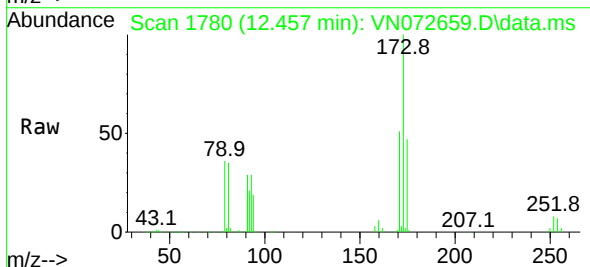
Manual Integrations
APPROVED

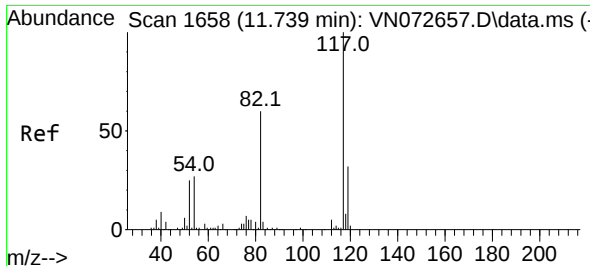
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022



#56
Bromoform
Concen: 116.184 ug/l
RT: 12.457 min Scan# 1780
Delta R.T. 0.006 min
Lab File: VN072659.D
Acq: 06 Jun 2022 12:05

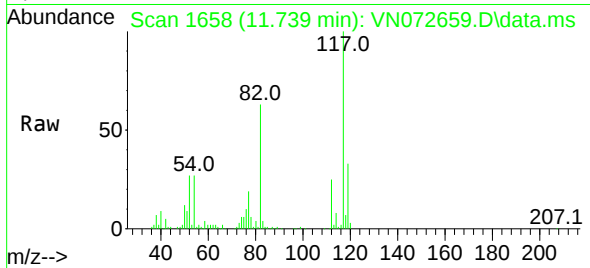
Tgt Ion:173 Resp: 306087
Ion Ratio Lower Upper
173 100
175 48.7 38.6 58.0
254 7.7 0.0 0.0#





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN072659.D
Acq: 06 Jun 2022 12:05

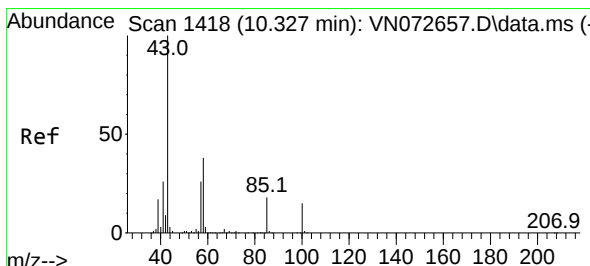
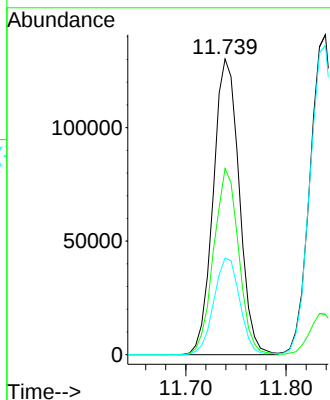
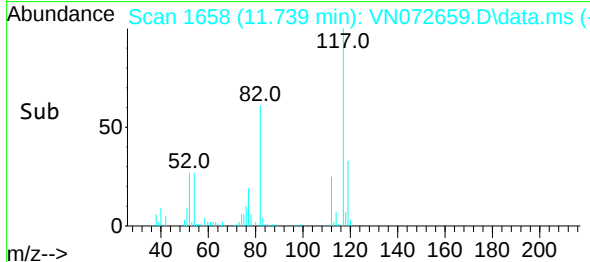
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion: 117 Resp: 234268
Ion Ratio Lower Upper
117 100
82 60.8 43.6 65.4
119 32.7 25.8 38.6

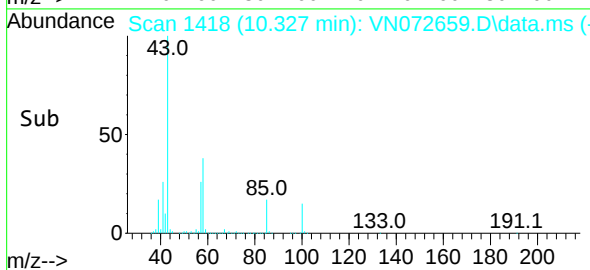
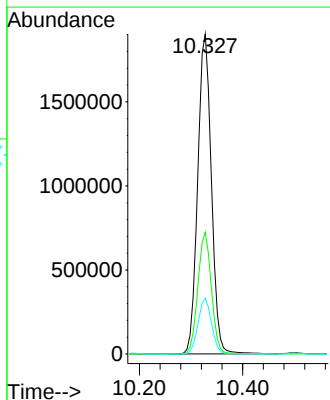
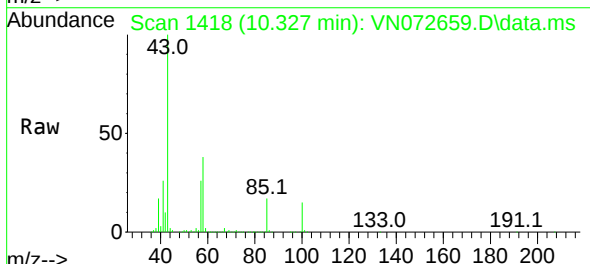
Manual Integrations
APPROVED

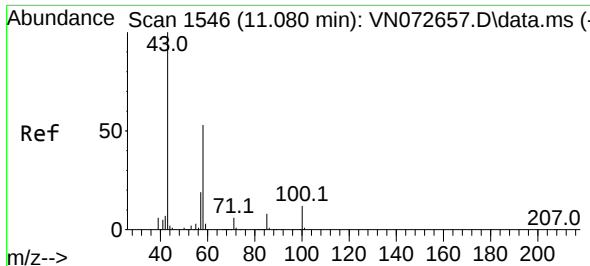
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022



#58
4-Methyl-2-Pentanone
Concen: 517.475 ug/l
RT: 10.327 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VN072659.D
Acq: 06 Jun 2022 12:05

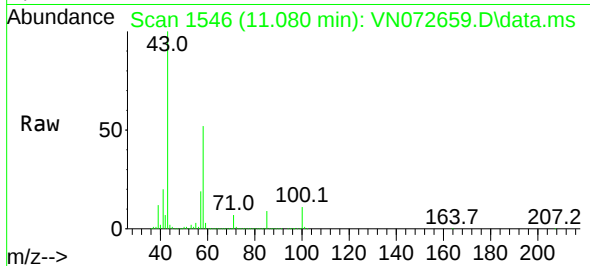
Tgt Ion: 43 Resp: 3491179
Ion Ratio Lower Upper
43 100
58 37.6 30.0 45.0
85 17.2 15.0 22.6





#59
2-Hexanone
Concen: 555.264 ug/l
RT: 11.080 min Scan# 1546
Delta R.T. 0.000 min
Lab File: VN072659.D
Acq: 06 Jun 2022 12:05

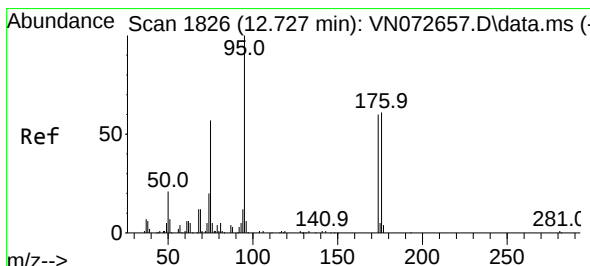
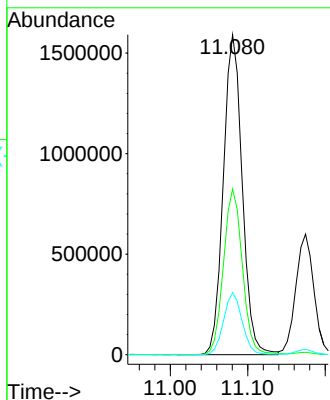
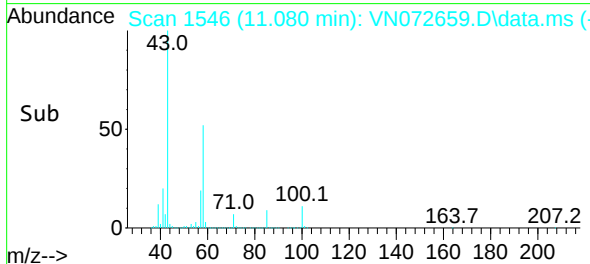
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion: 43 Resp: 269781
Ion Ratio Lower Upper
43 100
58 51.7 42.2 63.2
57 19.2 15.0 22.4

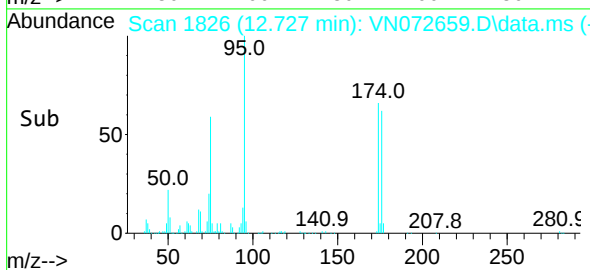
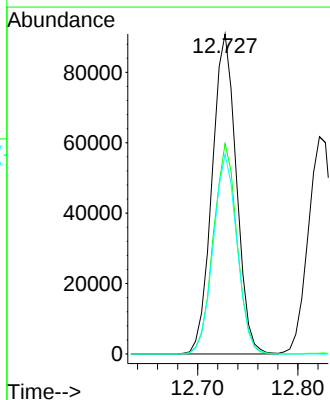
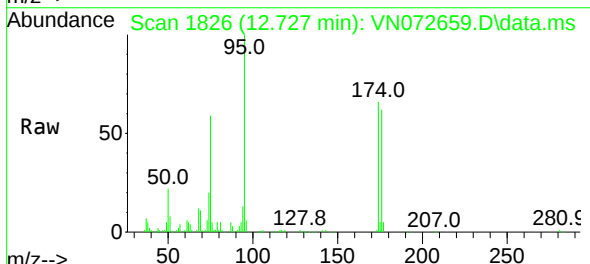
Manual Integrations
APPROVED

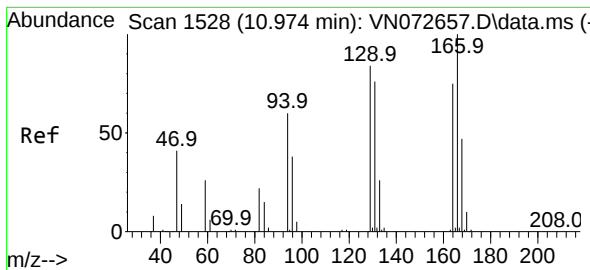
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022



#60
4-Bromofluorobenzene
Concen: 36.229 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072659.D
Acq: 06 Jun 2022 12:05

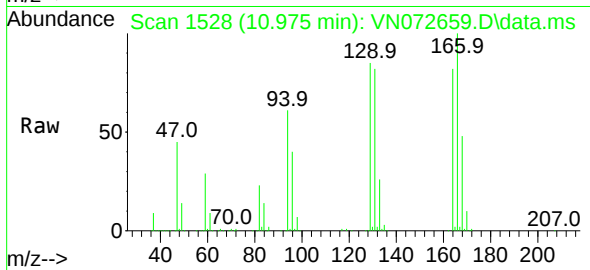
Tgt Ion: 95 Resp: 152851
Ion Ratio Lower Upper
95 100
174 64.0 62.9 94.3
176 61.3 61.0 91.4





#61
Tetrachloroethene
Concen: 92.467 ug/l
RT: 10.975 min Scan# 1528
Delta R.T. 0.000 min
Lab File: VN072659.D
Acq: 06 Jun 2022 12:05

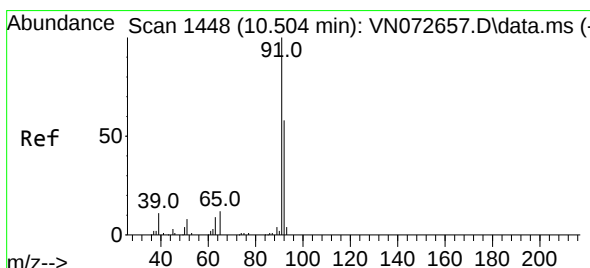
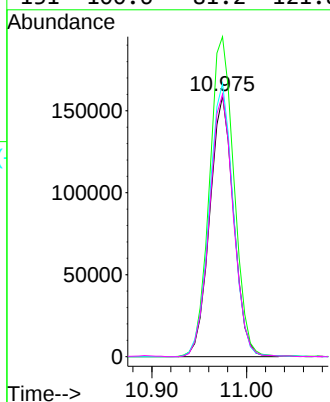
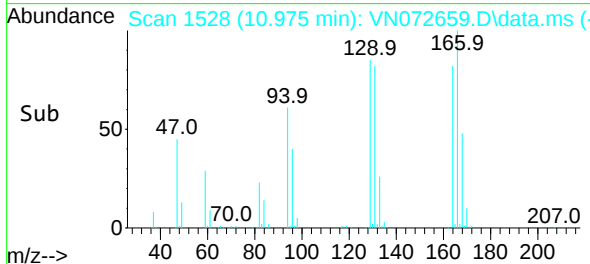
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion:164 Resp: 277130
Ion Ratio Lower Upper
164 100
166 122.6 105.8 158.8
129 104.7 82.5 123.7
131 100.6 81.2 121.8

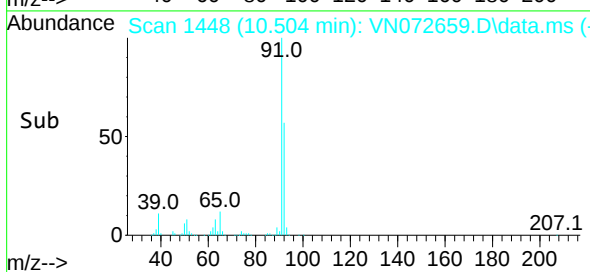
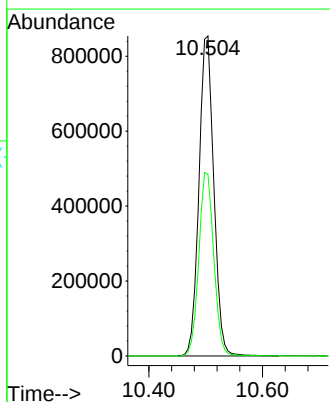
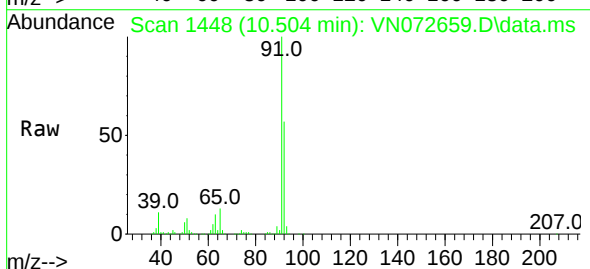
Manual Integrations
APPROVED

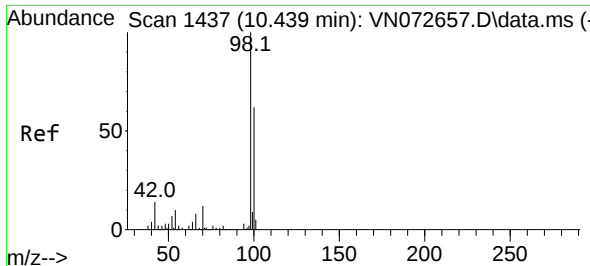
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022



#62
Toluene
Concen: 97.070 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN072659.D
Acq: 06 Jun 2022 12:05

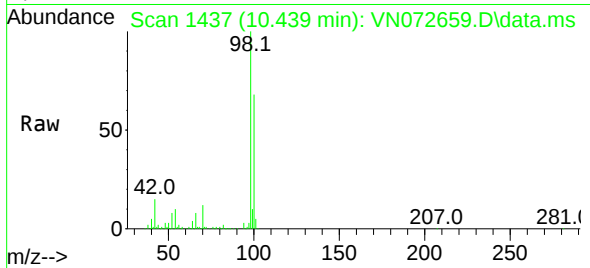
Tgt Ion: 91 Resp: 1550771
Ion Ratio Lower Upper
91 100
92 57.7 44.6 67.0





#63
Toluene-d8
Concen: 28.811 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072659.D
Acq: 06 Jun 2022 12:05

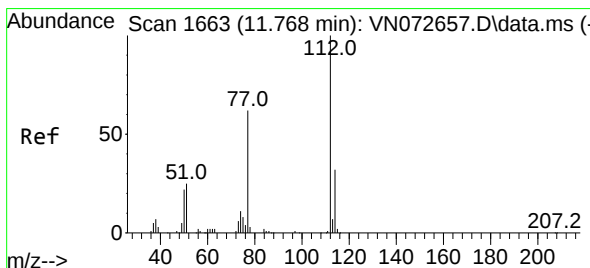
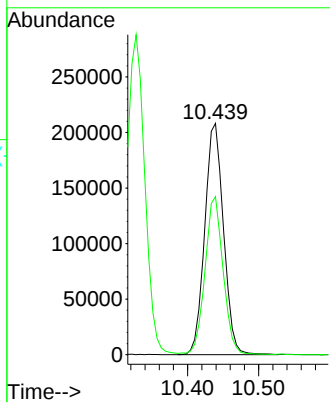
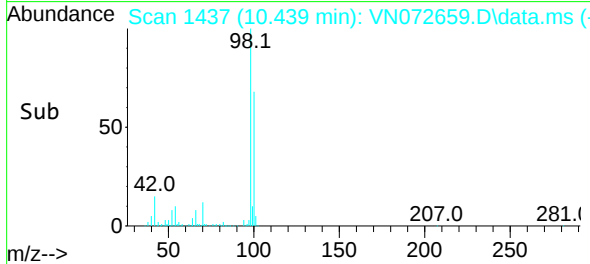
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



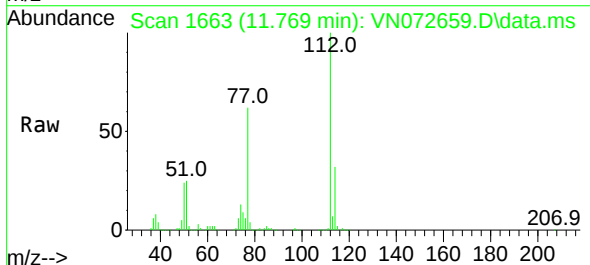
Tgt Ion: 98 Resp: 382668
Ion Ratio Lower Upper
98 100
100 66.4 50.6 76.0

Manual Integrations
APPROVED

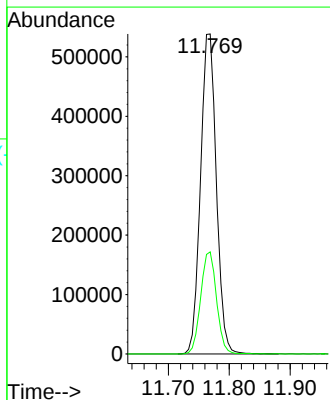
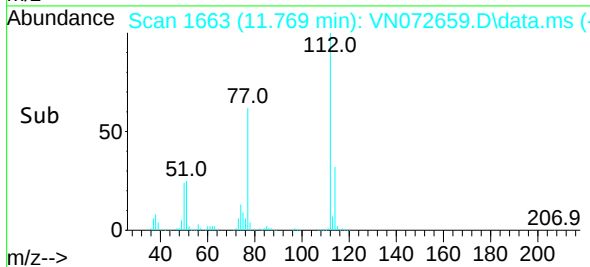
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022

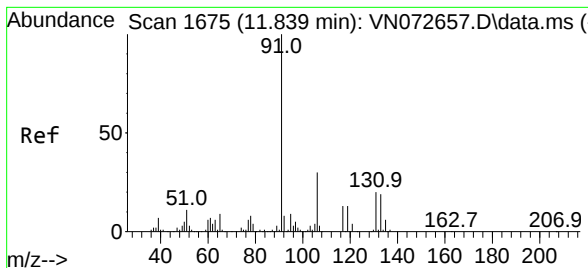


#64
Chlorobenzene
Concen: 103.366 ug/l
RT: 11.769 min Scan# 1663
Delta R.T. 0.000 min
Lab File: VN072659.D
Acq: 06 Jun 2022 12:05



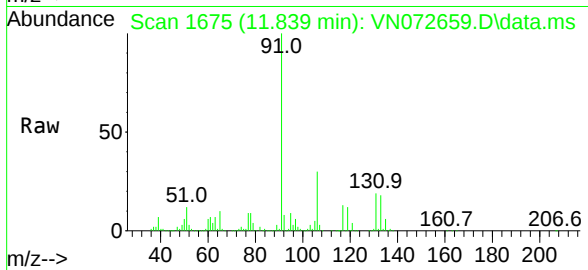
Tgt Ion:112 Resp: 971257
Ion Ratio Lower Upper
112 100
114 31.9 25.8 38.6





#65
1,1,1,2-Tetrachloroethane
Concen: 102.016 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN072659.D
Acq: 06 Jun 2022 12:05

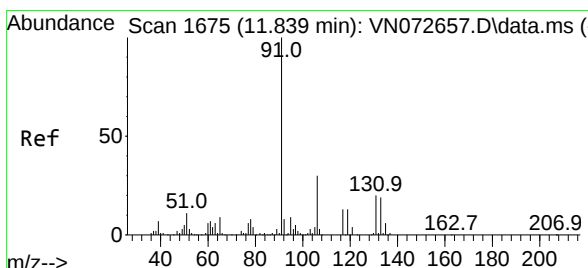
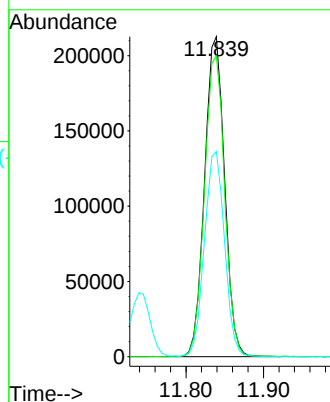
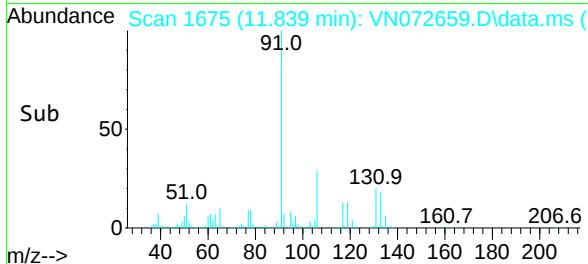
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



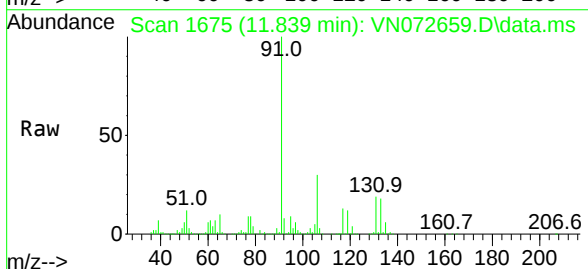
Tgt Ion:131 Resp: 380978
Ion Ratio Lower Upper
131 100
133 94.8 0.0 191.2
119 64.6 0.0 128.8

Manual Integrations
APPROVED

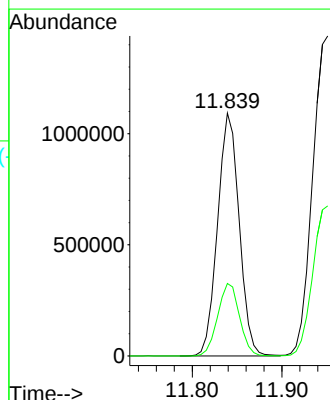
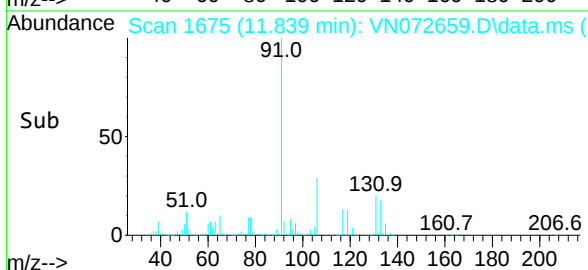
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022

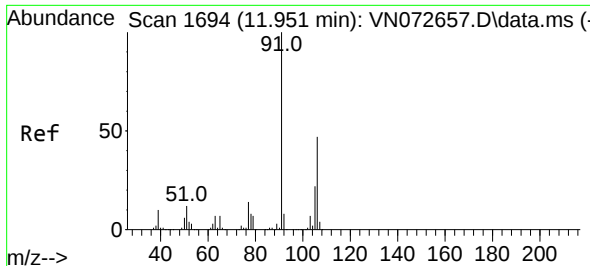


#66
Ethyl Benzene
Concen: 101.596 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN072659.D
Acq: 06 Jun 2022 12:05



Tgt Ion: 91 Resp: 1824720
Ion Ratio Lower Upper
91 100
106 29.8 24.0 36.0





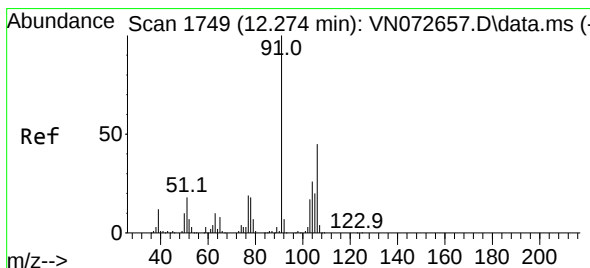
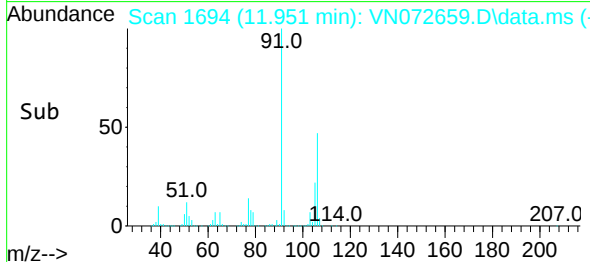
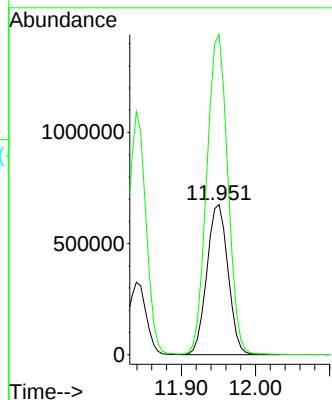
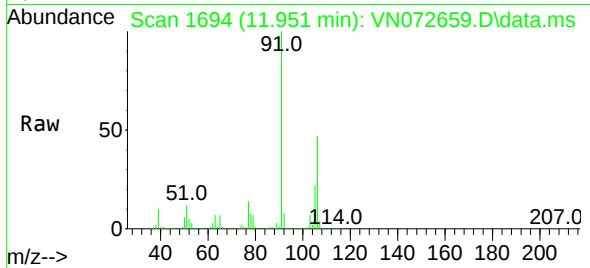
#67
m/p-Xylenes
Concen: 207.417 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. 0.000 min
Lab File: VN072659.D
Acq: 06 Jun 2022 12:05

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:106 Resp: 134042
Ion Ratio Lower Upper
106 100
91 212.6 162.9 244.3

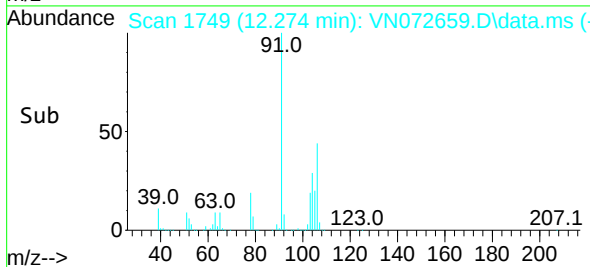
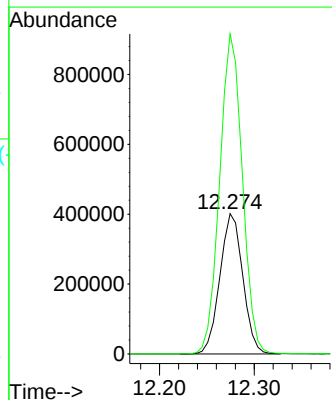
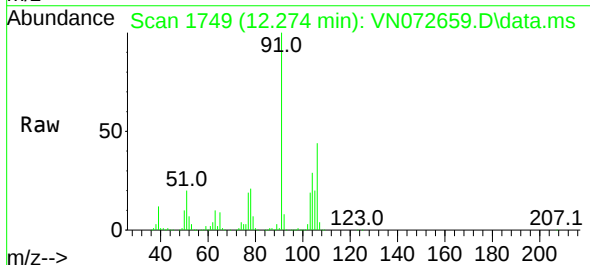
Manual Integrations
APPROVED

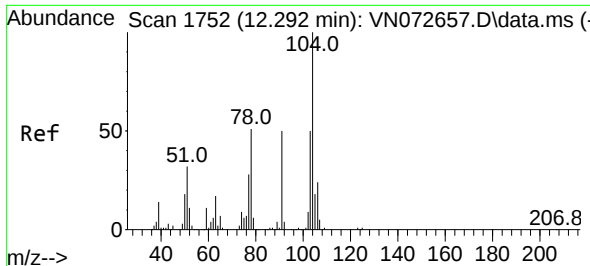
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022



#68
o-Xylene
Concen: 104.353 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VN072659.D
Acq: 06 Jun 2022 12:05

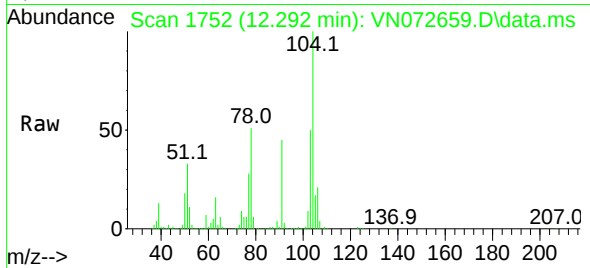
Tgt Ion:106 Resp: 676481
Ion Ratio Lower Upper
106 100
91 225.9 107.7 323.1





#69
Styrene
Concen: 109.573 ug/l
RT: 12.292 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VN072659.D
Acq: 06 Jun 2022 12:05

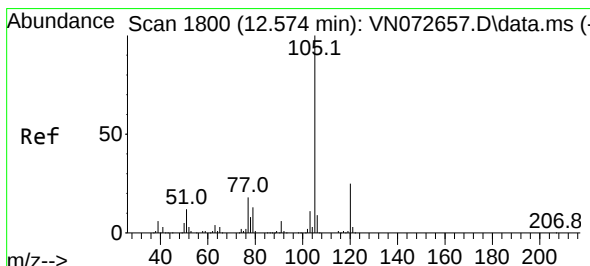
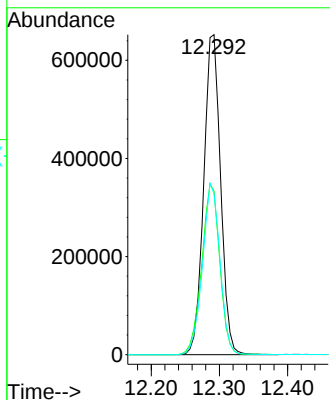
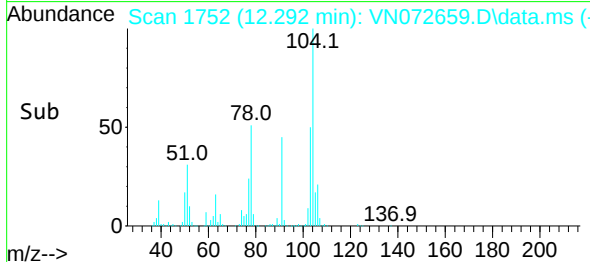
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



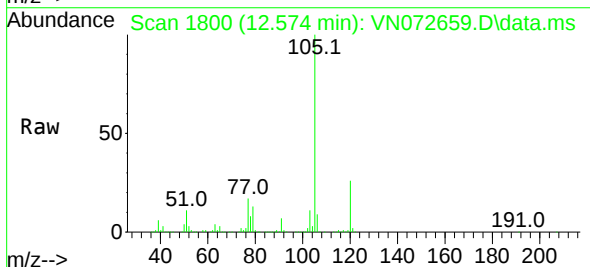
Tgt Ion:104 Resp: 1121439
Ion Ratio Lower Upper
104 100
78 57.0 40.7 61.1
103 55.4 45.8 68.8

Manual Integrations
APPROVED

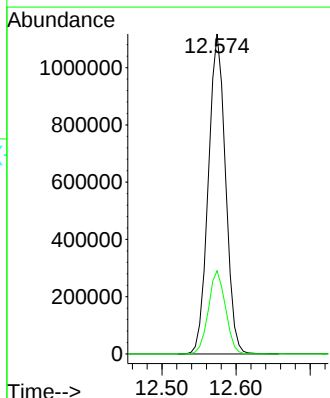
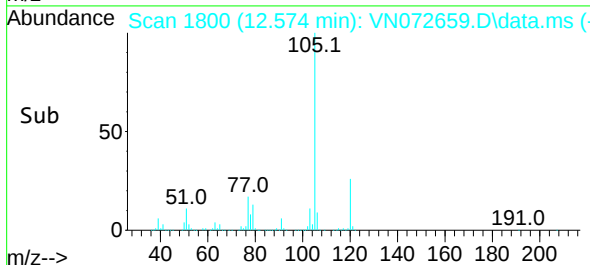
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022

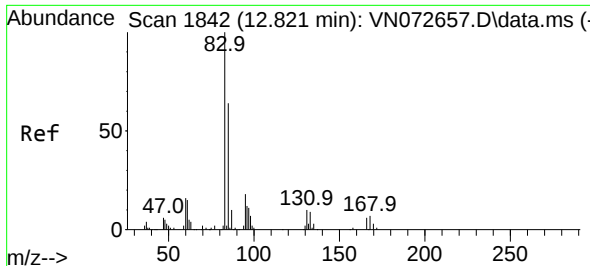


#70
Isopropylbenzene
Concen: 108.448 ug/l
RT: 12.574 min Scan# 1800
Delta R.T. 0.000 min
Lab File: VN072659.D
Acq: 06 Jun 2022 12:05



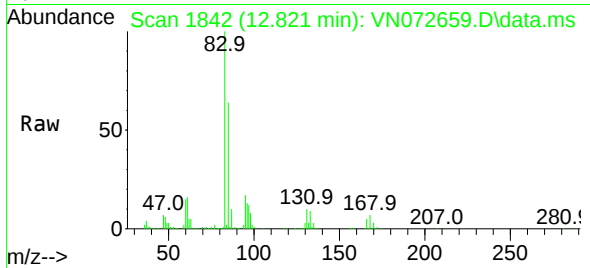
Tgt Ion:105 Resp: 1799131
Ion Ratio Lower Upper
105 100
120 25.8 18.3 34.1





#71
1,1,2,2-Tetrachloroethane
Concen: 107.394 ug/l
RT: 12.821 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VN072659.D
Acq: 06 Jun 2022 12:05

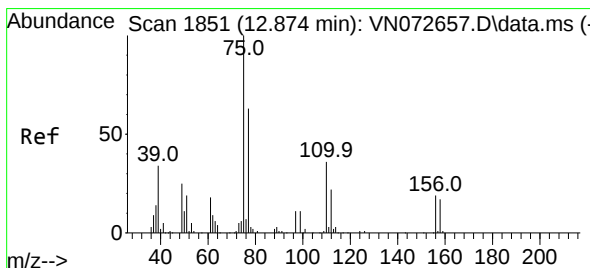
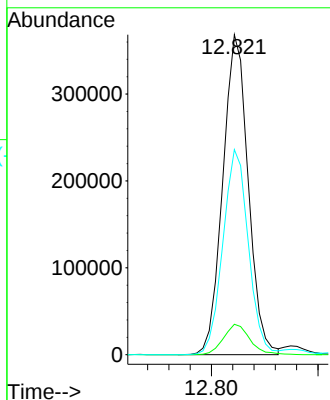
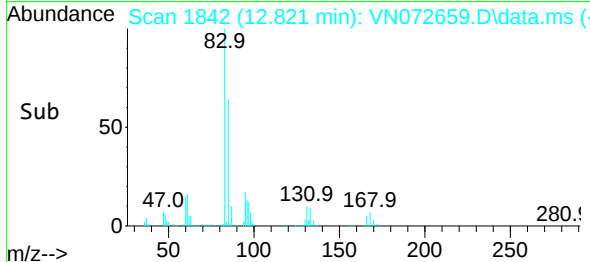
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



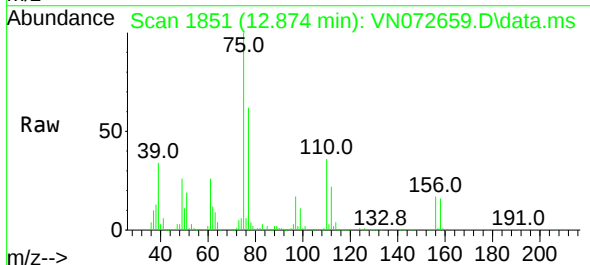
Tgt Ion: 83 Resp: 610624
Ion Ratio Lower Upper
83 100
131 9.9 5.1 15.3
85 64.2 33.1 99.2

Manual Integrations
APPROVED

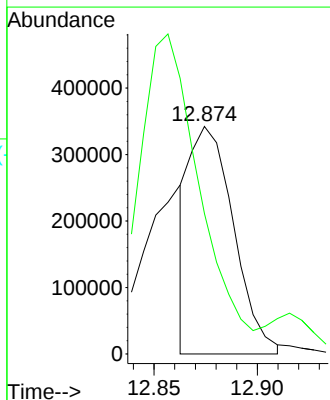
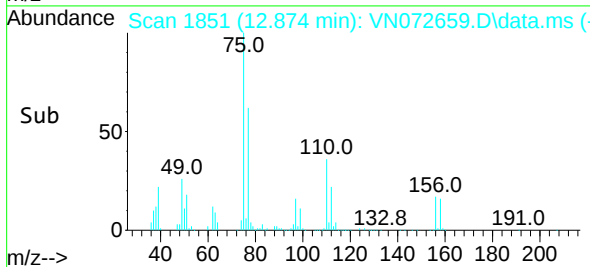
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022

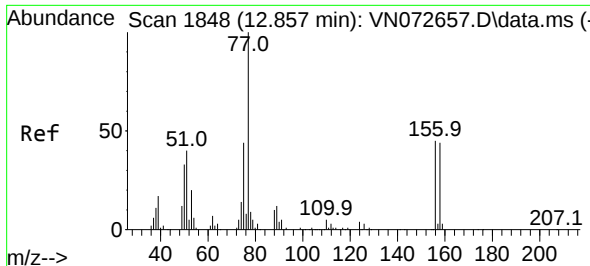


#72
1,2,3-Trichloropropane
Concen: 93.962 ug/l m
RT: 12.874 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN072659.D
Acq: 06 Jun 2022 12:05



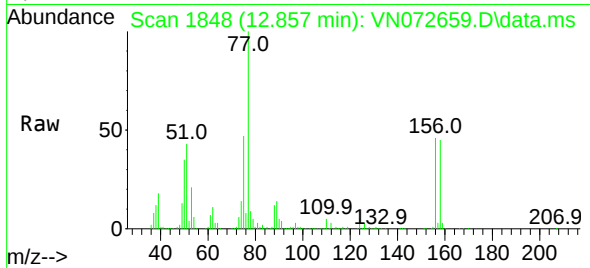
Tgt Ion: 75 Resp: 505865
Ion Ratio Lower Upper
75 100
77 196.2 0.0 378.0





#73
Bromobenzene
Concen: 104.076 ug/l
RT: 12.857 min Scan# 1848
Delta R.T. 0.000 min
Lab File: VN072659.D
Acq: 06 Jun 2022 12:05

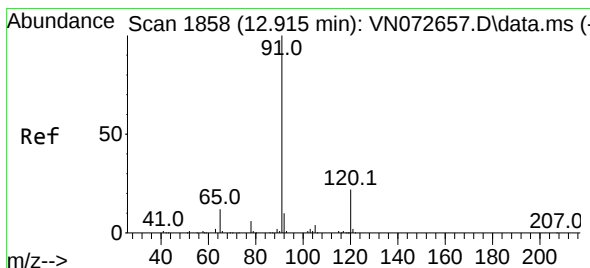
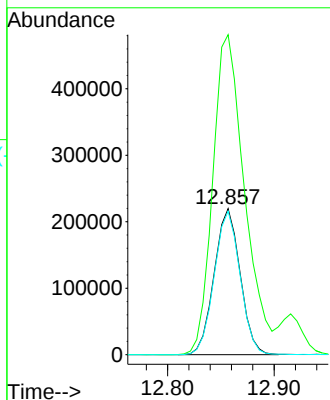
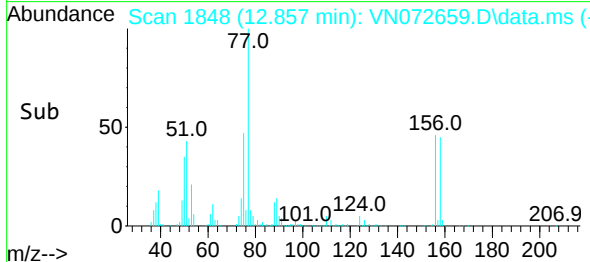
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



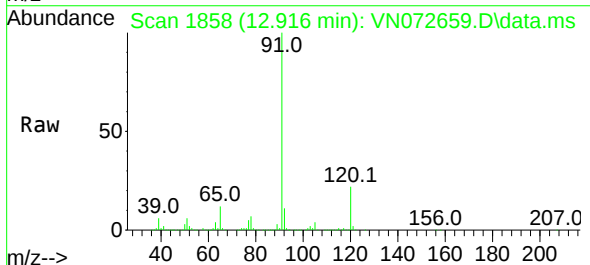
Tgt Ion:156 Resp: 372259
Ion Ratio Lower Upper
156 100
77 266.6 0.0 416.0
158 97.5 0.0 195.4

Manual Integrations
APPROVED

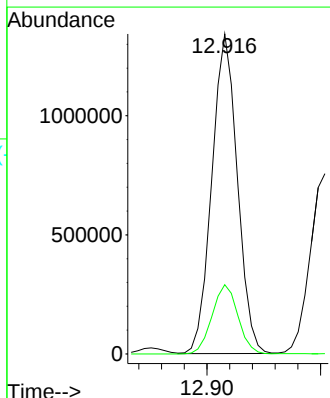
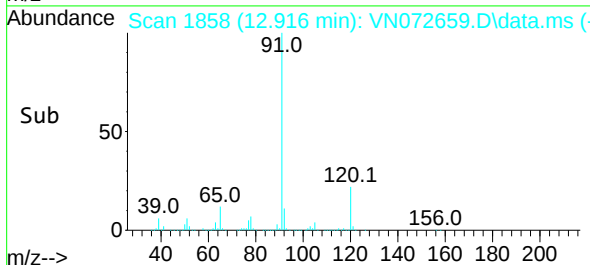
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022

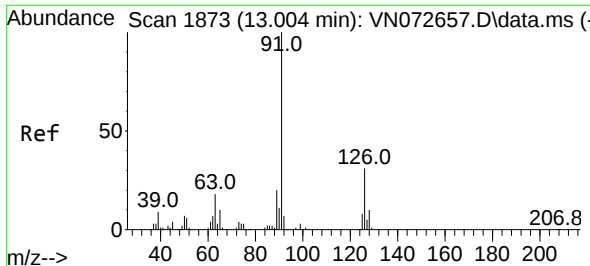


#74
n-propylbenzene
Concen: 111.392 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN072659.D
Acq: 06 Jun 2022 12:05



Tgt Ion: 91 Resp: 2095480
Ion Ratio Lower Upper
91 100
120 21.9 0.0 45.0





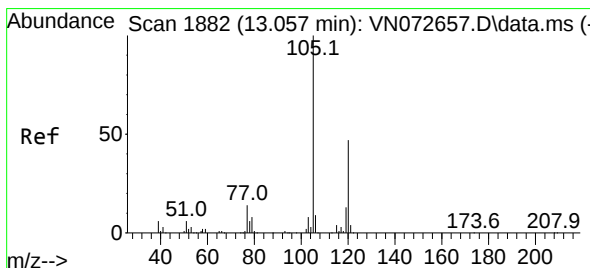
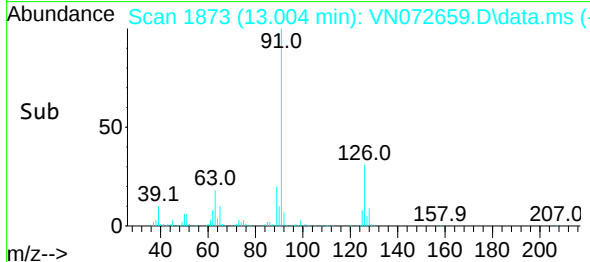
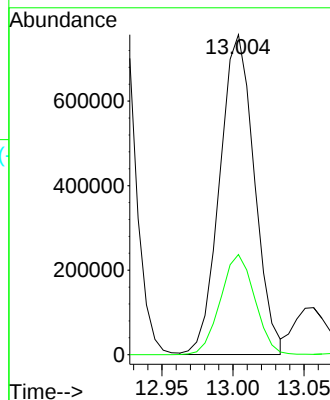
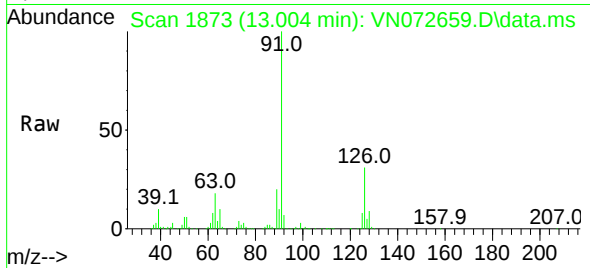
#75
2-Chlorotoluene
Concen: 112.003 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. 0.000 min
Lab File: VN072659.D
Acq: 06 Jun 2022 12:05

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion: 91 Resp: 128614
Ion Ratio Lower Upper
91 100
126 31.0 0.0 69.8

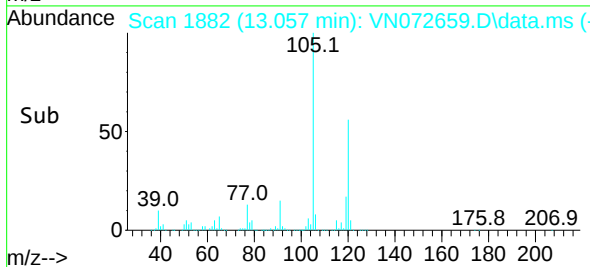
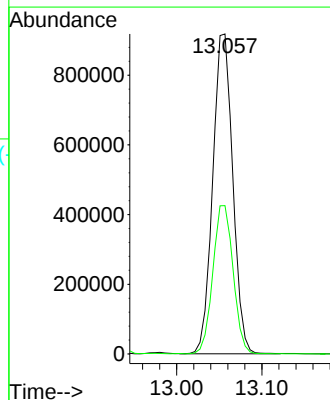
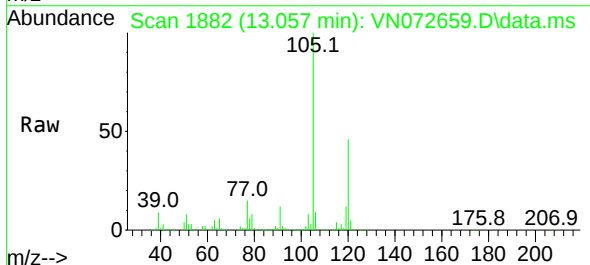
Manual Integrations
APPROVED

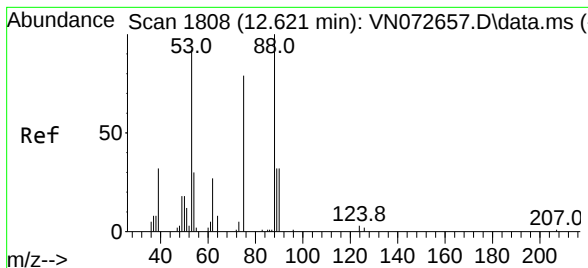
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022



#76
1,3,5-Trimethylbenzene
Concen: 113.395 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. 0.000 min
Lab File: VN072659.D
Acq: 06 Jun 2022 12:05

Tgt Ion:105 Resp: 1498432
Ion Ratio Lower Upper
105 100
120 46.8 0.0 93.8





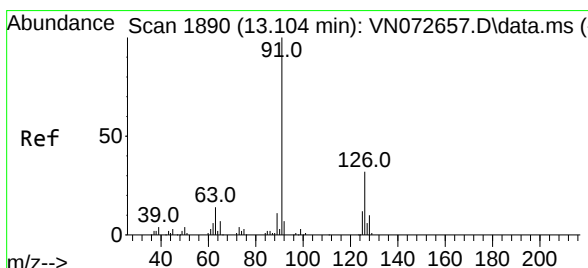
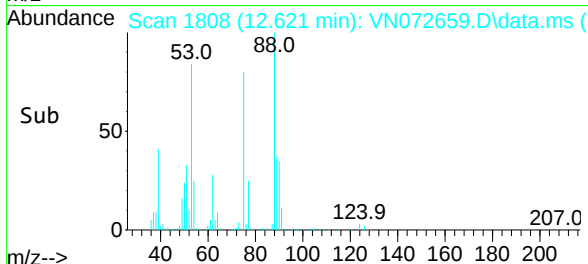
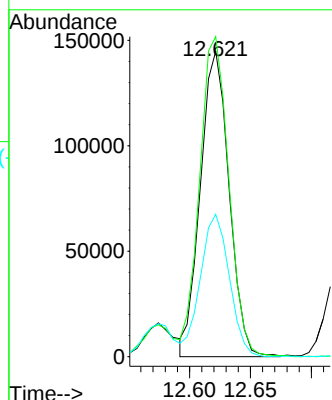
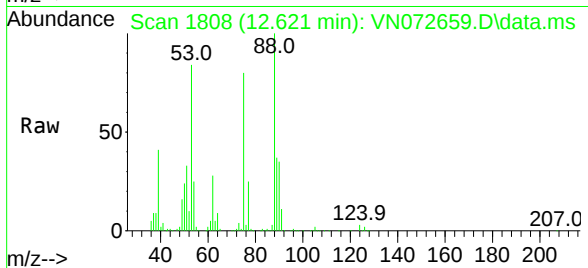
#77
t-1,4-Dichloro-2-butene
Concen: 123.384 ug/l
RT: 12.621 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VN072659.D
Acq: 06 Jun 2022 12:05

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 75 Resp: 237097
Ion Ratio Lower Upper
75 100
53 104.7 51.8 155.5
89 46.6 22.9 68.7

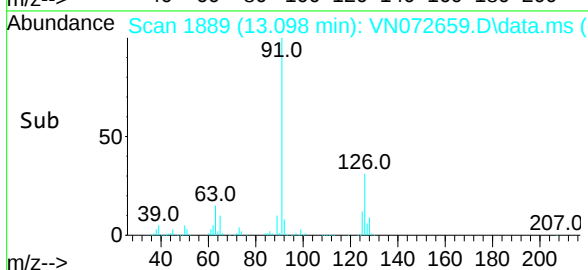
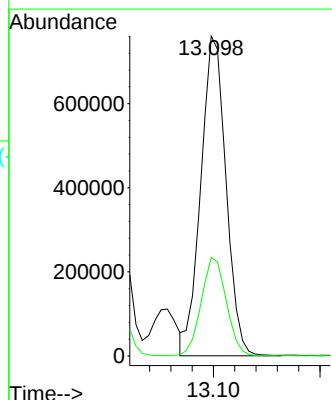
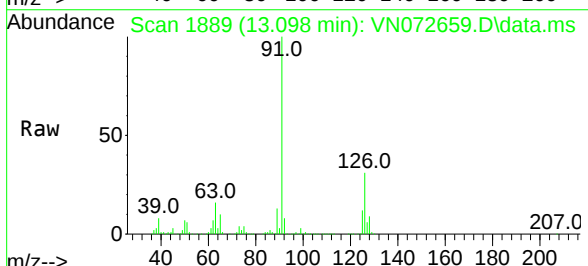
Manual Integrations
APPROVED

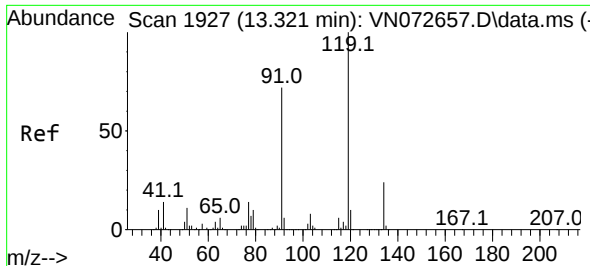
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022



#78
4-Chlorotoluene
Concen: 119.245 ug/l
RT: 13.098 min Scan# 1889
Delta R.T. -0.006 min
Lab File: VN072659.D
Acq: 06 Jun 2022 12:05

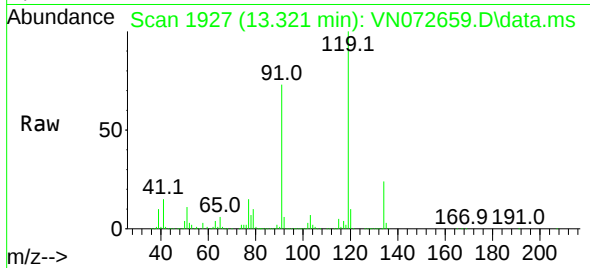
Tgt Ion: 91 Resp: 1249797
Ion Ratio Lower Upper
91 100
126 30.9 0.0 70.6





#79
tert-butylbenzene
Concen: 114.726 ug/l
RT: 13.321 min Scan# 1927
Delta R.T. 0.000 min
Lab File: VN072659.D
Acq: 06 Jun 2022 12:05

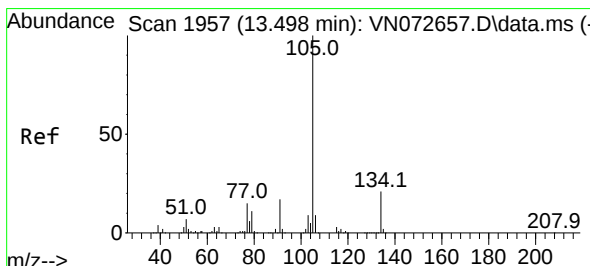
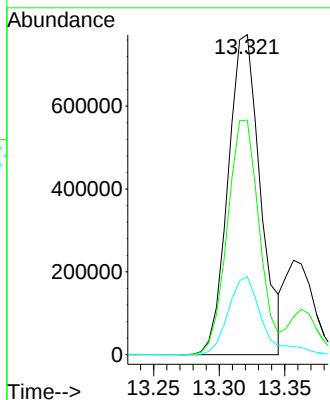
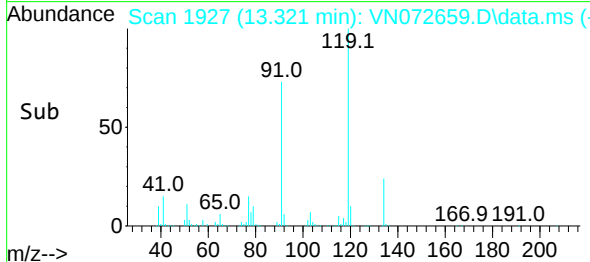
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



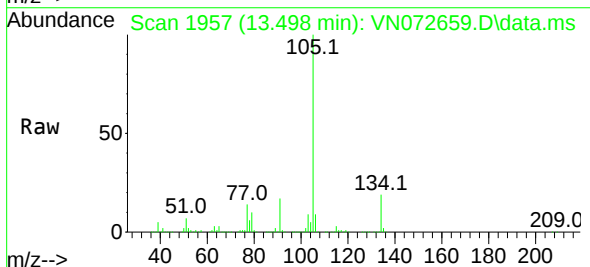
Tgt Ion:119 Resp: 1326290
Ion Ratio Lower Upper
119 100
91 71.9 0.0 137.0
134 24.2 0.0 47.6

Manual Integrations
APPROVED

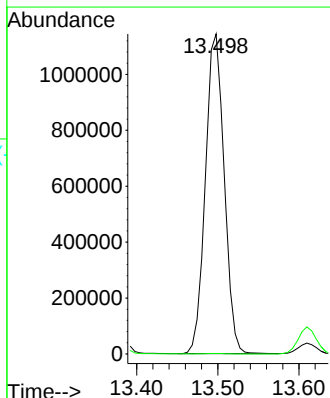
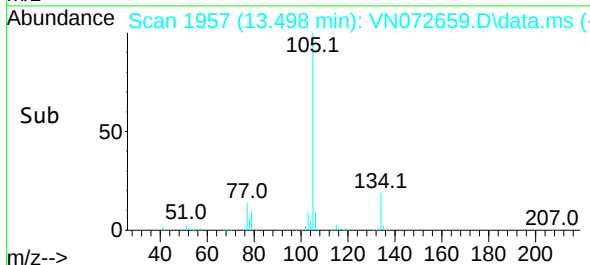
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022

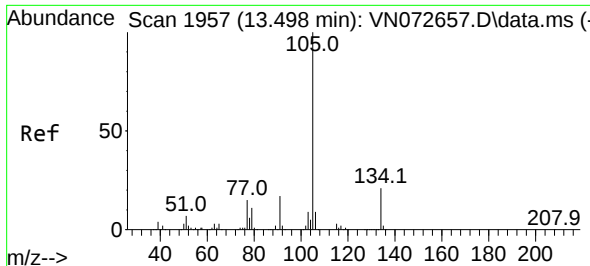


#80
1,2,4-Trimethylbenzene
Concen: 138.271 ug/l
RT: 13.498 min Scan# 1957
Delta R.T. 0.000 min
Lab File: VN072659.D
Acq: 06 Jun 2022 12:05



Tgt Ion:105 Resp: 1839244
Ion Ratio Lower Upper
105 100
120 0.2 0.0 0.2





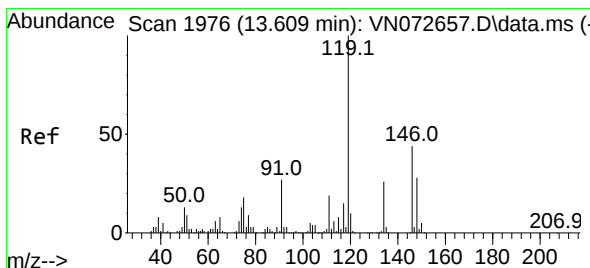
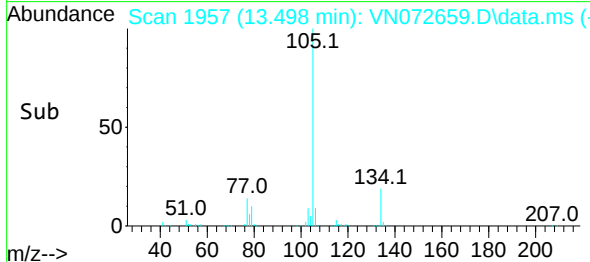
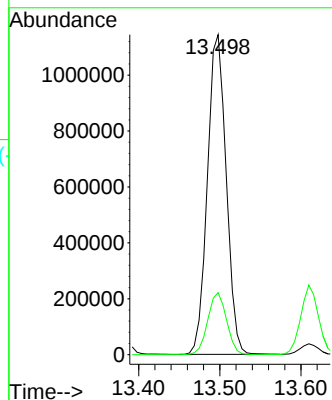
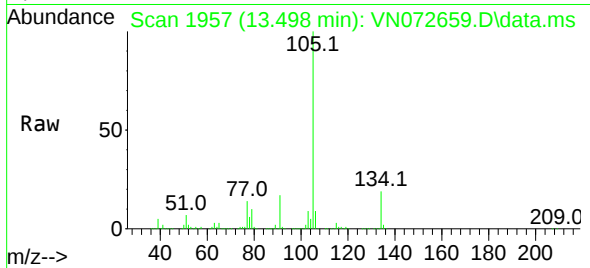
#81
 sec-Butylbenzene
 Concen: 110.748 ug/l
 RT: 13.498 min Scan# 1957
 Delta R.T. 0.000 min
 Lab File: VN072659.D
 Acq: 06 Jun 2022 12:05

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tgt Ion:105 Resp: 1839244
 Ion Ratio Lower Upper
 105 100
 134 19.4 0.0 39.4

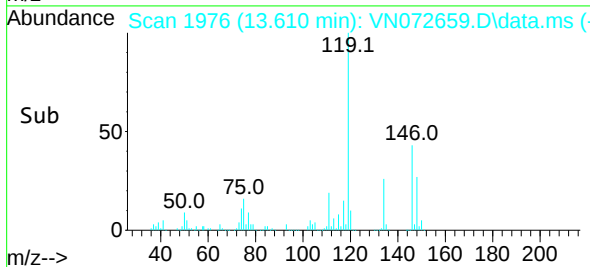
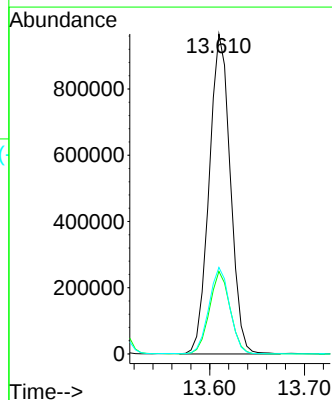
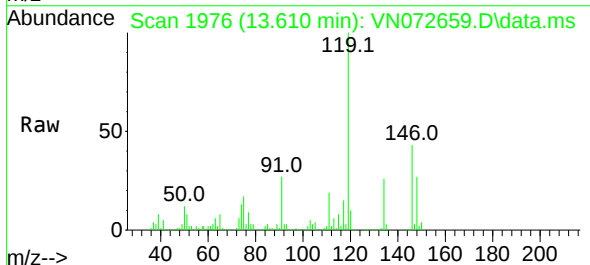
Manual Integrations
 APPROVED

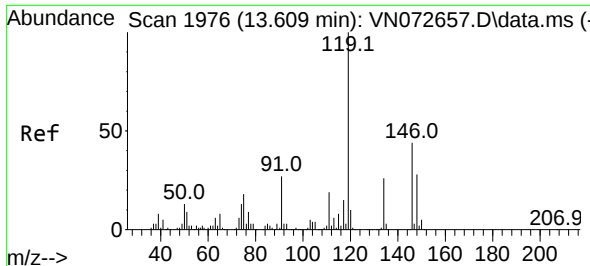
Reviewed By :John Carlone 06/07/2022
 Supervised By :Mahesh Dadoda 06/07/2022



#82
 p-Isopropyltoluene
 Concen: 116.372 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. 0.000 min
 Lab File: VN072659.D
 Acq: 06 Jun 2022 12:05

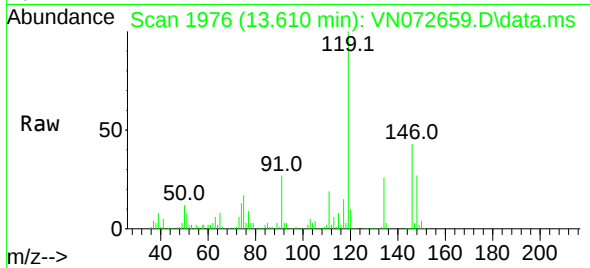
Tgt Ion:119 Resp: 1499040
 Ion Ratio Lower Upper
 119 100
 134 25.0 0.0 51.8
 91 26.5 0.0 50.4





#83
1,3-Dichlorobenzene
Concen: 105.954 ug/l
RT: 13.610 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VN072659.D
Acq: 06 Jun 2022 12:05

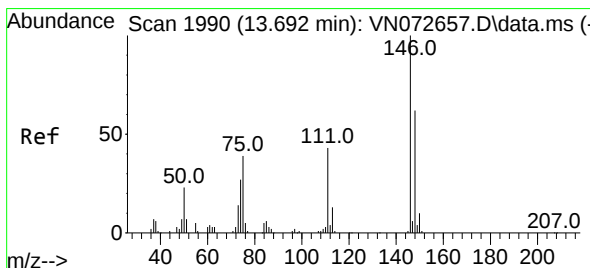
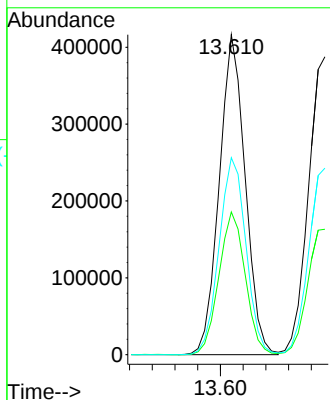
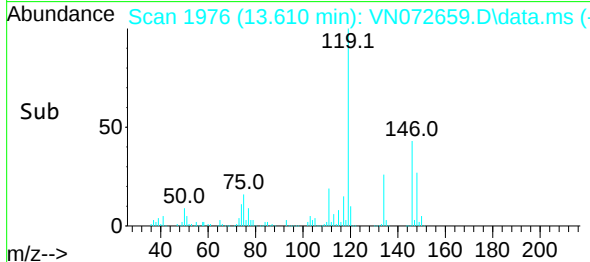
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



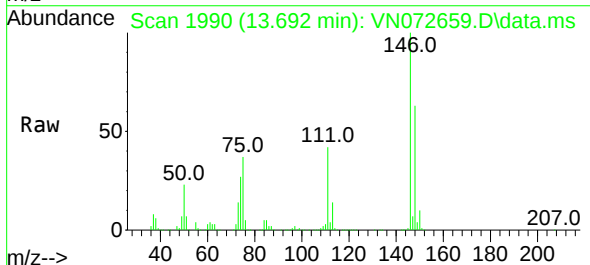
Tgt Ion:146 Resp: 66070
Ion Ratio Lower Upper
146 100
111 45.4 20.8 62.2
148 63.8 31.4 94.3

Manual Integrations
APPROVED

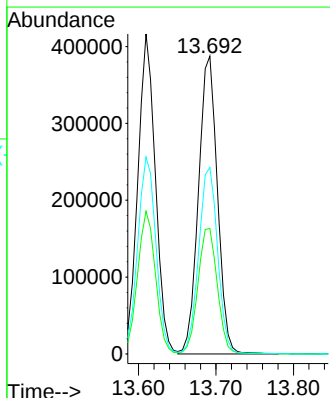
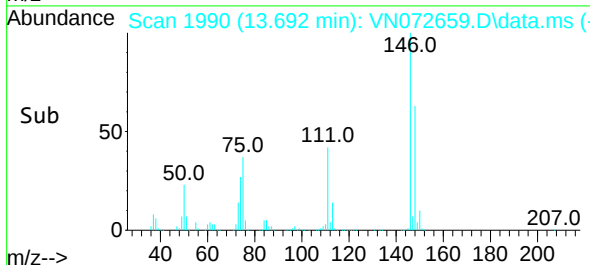
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022

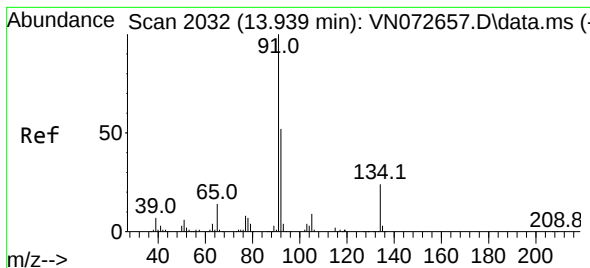


#84
1,4-Dichlorobenzene
Concen: 108.553 ug/l
RT: 13.692 min Scan# 1990
Delta R.T. 0.000 min
Lab File: VN072659.D
Acq: 06 Jun 2022 12:05



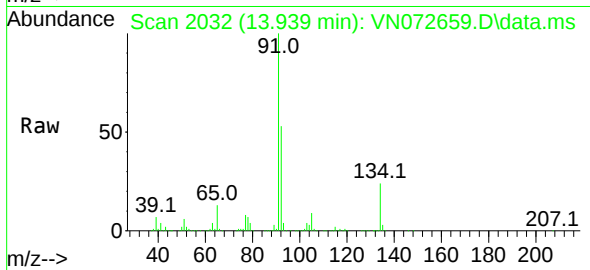
Tgt Ion:146 Resp: 658568
Ion Ratio Lower Upper
146 100
111 43.2 19.5 58.5
148 62.7 31.1 93.5





#85
n-Butylbenzene
Concen: 120.323 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VN072659.D
Acq: 06 Jun 2022 12:05

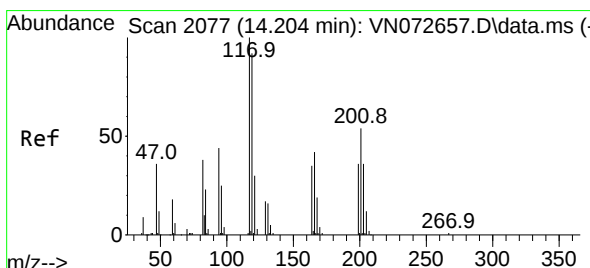
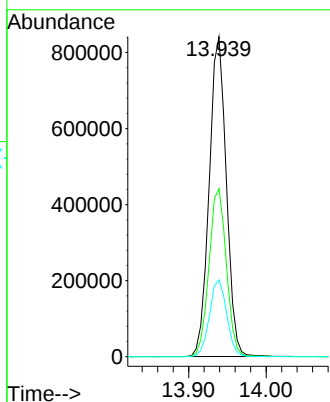
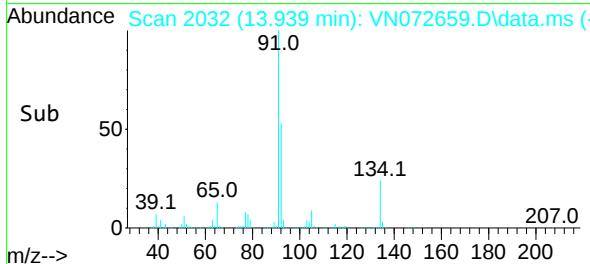
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 91 Resp: 1291808
Ion Ratio Lower Upper
91 100
92 53.3 0.0 100.6
134 24.2 0.0 50.2

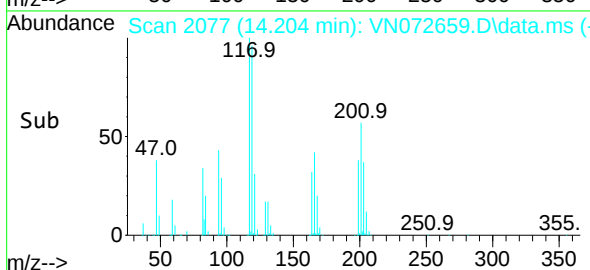
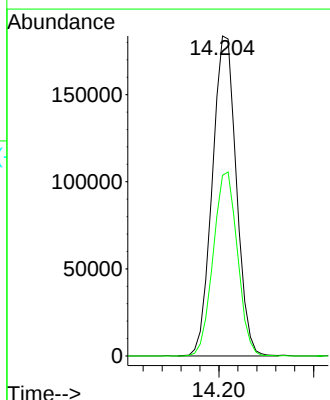
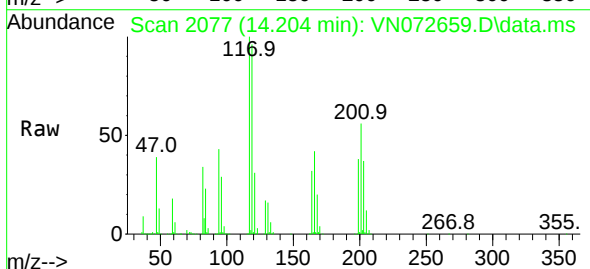
Manual Integrations
APPROVED

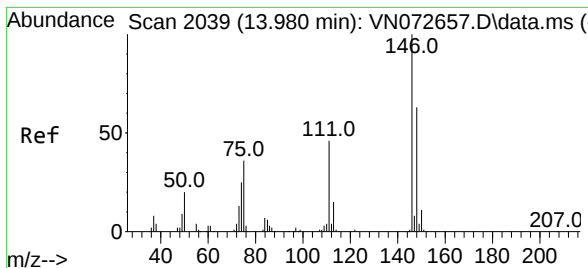
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022



#86
Hexachloroethane
Concen: 122.211 ug/l
RT: 14.204 min Scan# 2077
Delta R.T. 0.000 min
Lab File: VN072659.D
Acq: 06 Jun 2022 12:05

Tgt Ion:117 Resp: 323981
Ion Ratio Lower Upper
117 100
201 58.0 33.3 99.8





#87

1,2-Dichlorobenzene

Concen: 105.194 ug/l

RT: 13.986 min Scan# 2039

Delta R.T. 0.006 min

Lab File: VN072659.D

Acq: 06 Jun 2022 12:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion:146 Resp: 64458

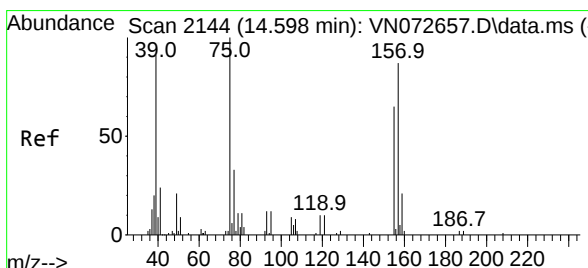
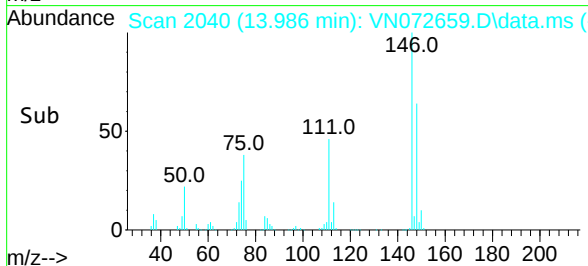
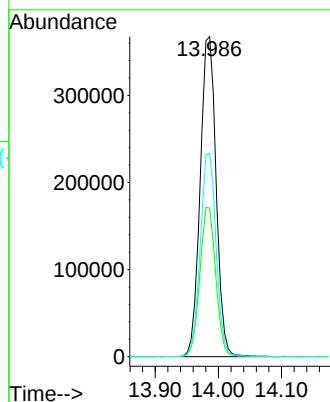
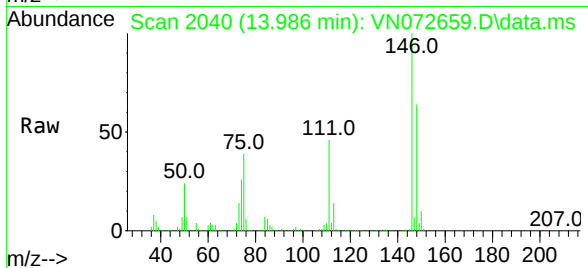
Ion	Ratio	Lower	Upper
146	100		
111	46.6	21.4	64.2
148	63.4	32.5	97.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/07/2022

Supervised By :Mahesh Dadoda 06/07/2022



#88

1,2-Dibromo-3-Chloropropane

Concen: 128.772 ug/l

RT: 14.598 min Scan# 2144

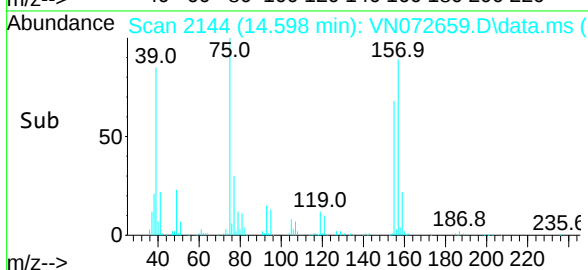
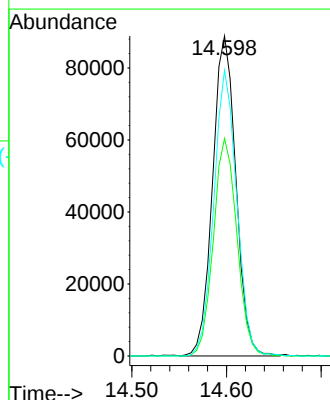
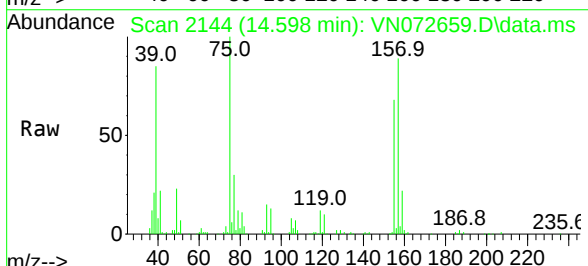
Delta R.T. 0.000 min

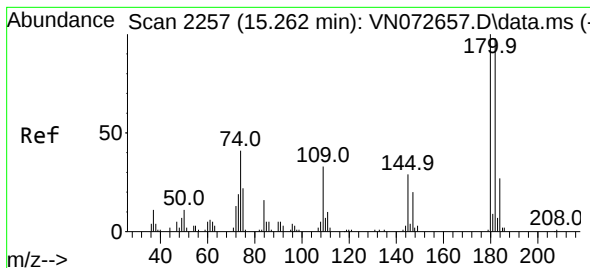
Lab File: VN072659.D

Acq: 06 Jun 2022 12:05

Tgt Ion: 75 Resp: 152317

Ion	Ratio	Lower	Upper
75	100		
155	68.3	63.8	95.8
157	87.6	77.9	116.9





#89

1,2,4-Trichlorobenzene

Concen: 110.466 ug/l

RT: 15.257 min Scan# 21

Delta R.T. -0.006 min

Lab File: VN072659.D

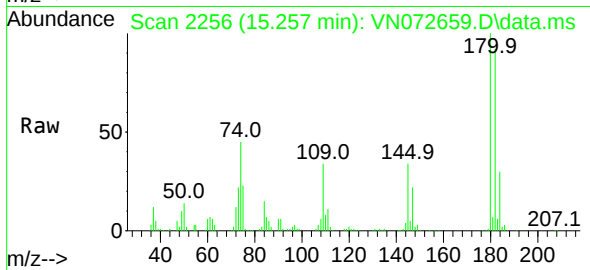
Acq: 06 Jun 2022 12:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100



Tgt Ion:180 Resp: 33714

Ion Ratio Lower Upper

180 100

182 94.1 77.7 116.5

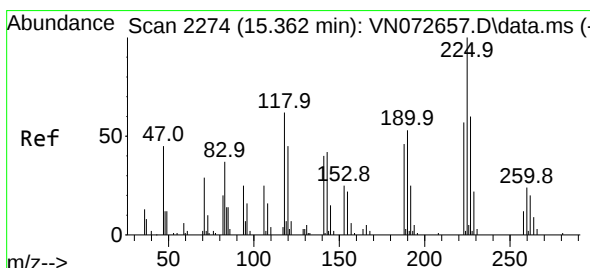
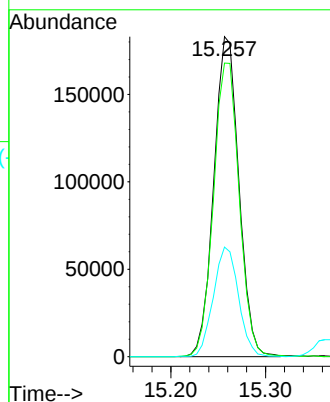
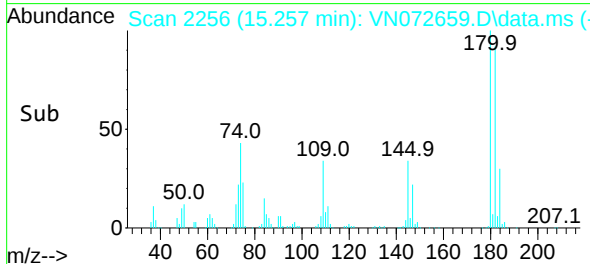
145 34.4 26.6 39.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/07/2022

Supervised By :Mahesh Dadoda 06/07/2022



#90

Hexachlorobutadiene

Concen: 97.108 ug/l

RT: 15.362 min Scan# 2274

Delta R.T. 0.000 min

Lab File: VN072659.D

Acq: 06 Jun 2022 12:05

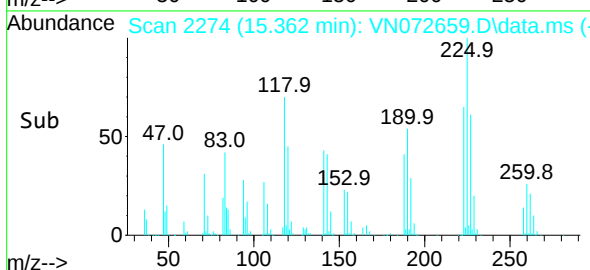
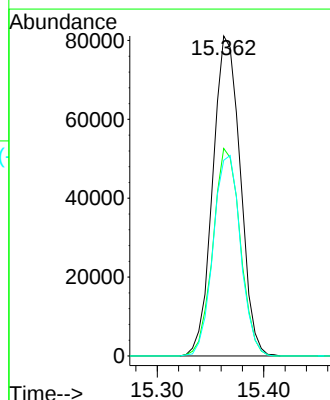
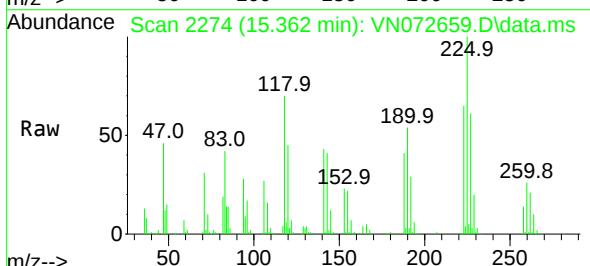
Tgt Ion:225 Resp: 145322

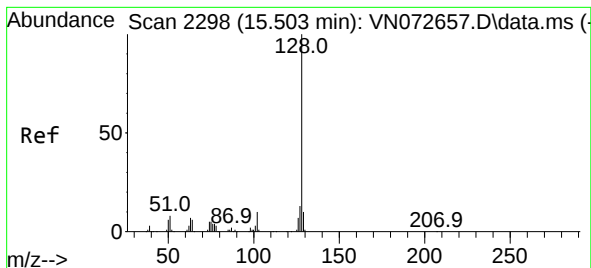
Ion Ratio Lower Upper

225 100

223 64.2 0.0 126.8

227 62.3 0.0 123.0





#91

Naphthalene

Concen: 119.838 ug/l

RT: 15.498 min Scan# 2297

Delta R.T. -0.006 min

Lab File: VN072659.D

Acq: 06 Jun 2022 12:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion:128 Resp: 132693

Ion Ratio Lower Upper

128 100

127 13.1 10.7 16.1

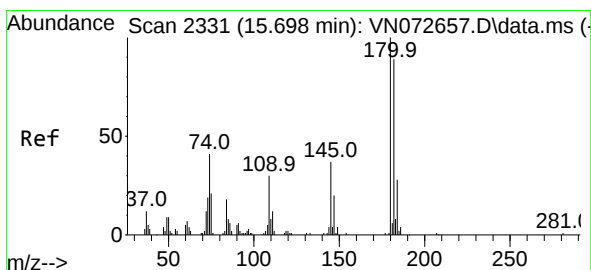
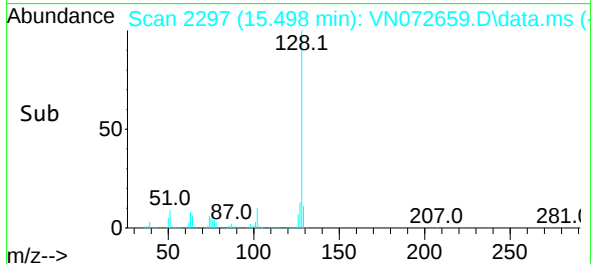
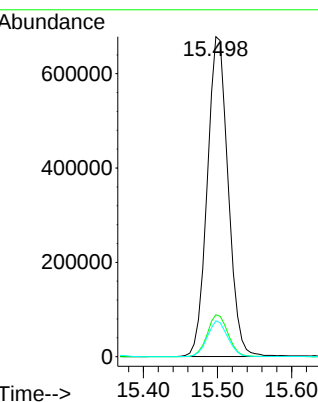
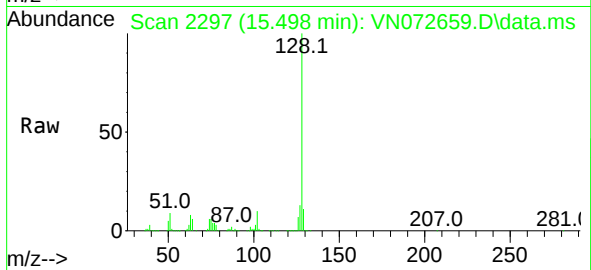
129 11.0 9.0 13.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/07/2022

Supervised By :Mahesh Dadoda 06/07/2022



#92

1,2,3-Trichlorobenzene

Concen: 108.832 ug/l

RT: 15.698 min Scan# 2331

Delta R.T. 0.000 min

Lab File: VN072659.D

Acq: 06 Jun 2022 12:05

Tgt Ion:180 Resp: 336949

Ion Ratio Lower Upper

180 100

182 94.0 0.0 190.0

145 36.4 0.0 67.8

